TEMPA PANO

Enclosures engineered...

"your reliable solution partner„



www.tempapano.com

CATALOGUE 9 SHORT

TEMPA PANO

Enclosures engineered...

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e-mail : office@rtselectro.ro

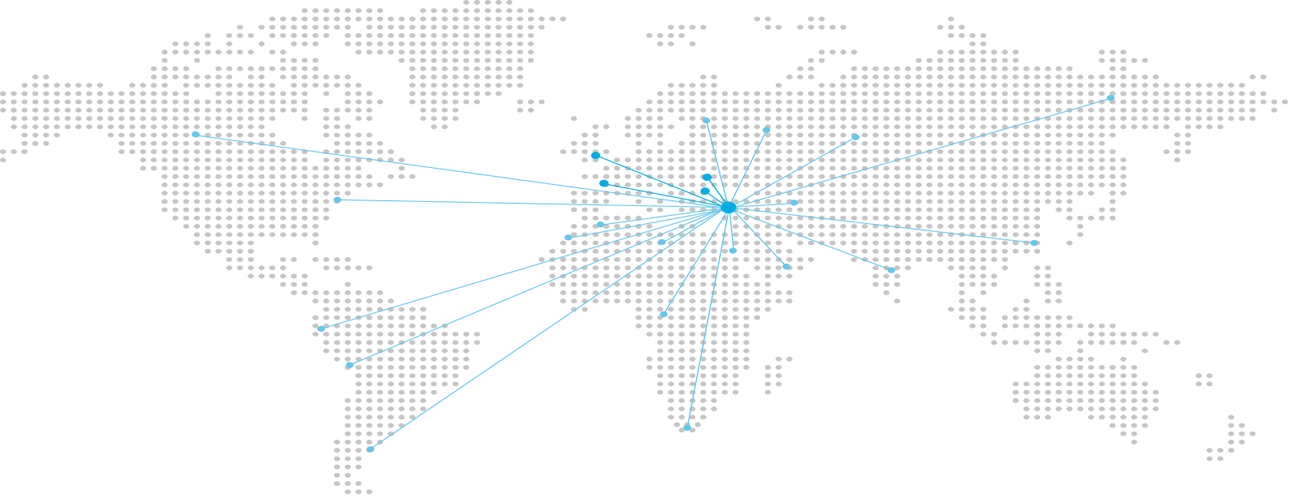
TEMPA SISTEM BG
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Tel: +359 32 901760 Fax : +359 32 901777
e-mail : office@tempabg.com

TEMPA PANO

Enclosures engineered...



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"Tempa Pano has been manufacturing Low Voltage Electrical Enclosures" since 1989. During this time the company has consolidated its position as a market leader in the industry. To cement that position a substantial investment has been made into a new 22,000m² production site in Dilovasi Industrial Machinery Site. The investment will provide a substantial increase in production capabilities with the use of advanced technology and experienced engineers. Tempa Pano take pride in being the first choice solutions partner to customers providing a wide range of products and services."





about us

Corporate Values
We aim to always be the best in our area and strive to meet new heights.

Individual Innitiative
To promote individual initiative within the company in a customer focused environment. Everybody's job is important to ensure a quality product and service to our customers.

Customer Focus
To provide a partnership to our customer base ensuring the correct product solutions and after sales service. To provide a flexible service to match all customer requirements.

Reliability
The company actively promotes mutual trust and honesty between employees, customers and shareholders striving to make the TEMPA PANO name synonymous with fairness and honesty.


Certificate

Standard ISO 9001:2015

Certificate Regist. No. 01 100 991992

Certificate Holder: TEMPA PANO SAN VE TİC. A.Ş.
MAKİNE VE MALAT SANAYİCİLERİ ORGANİZE SANAYİ BÖLGESİ 2. CAD. NO: 1 DEMİRCİLER KÖYÜ
41455 DİLOVASI/KOCAELİ
TURKEY

Scope: Design And Manufacturing Of Electrical Enclosures And Metal Parts & Boxes For Different Machinery Or Equipments. Design And Manufacturing Of Medium Voltage And Low Voltage Distribution Systems. Electrotechnical Assembly

Proof has been furnished by means of an audit that the requirements of ISO 9001:2015 are met.

Validity: The certificate is valid from 2022-06-21 until 2025-06-20.
First certification 2017

2022-06-16

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KING CERT

SERTİFİKA

Tempa Pano Sanayi ve Ticaret A.Ş.

Makine İmalatı Organize Sanayi Bölgesi 2. Cad. No: 1
Demirciler Mah. Dilovası Kocaeli Turkey

ISO 14001:2015

Çevre Yönetim Sistemi

IAS ACCREDITED

IAF


KING CERT

CERTIFICATE

Tempa Pano Sanayi ve Ticaret A.Ş.

Makine İmalatı Organize Sanayi Bölgesi 2. Cad. No: 1
Demirciler Mah. Dilovası Kocaeli Turkey

ISO 45001:2018

Occupational Health and Safety Management System

IAS ACCREDITED

IAF


KING CERT

CERTIFICATE

Tempa Pano Sanayi ve Ticaret A.Ş.

Makine İmalatı Organize Sanayi Bölgesi 2. Cad. No: 1
Demirciler Mah. Dilovası Kocaeli Turkey

ISO/IEC 27001:2013

Information Security Management System

IAS ACCREDITED

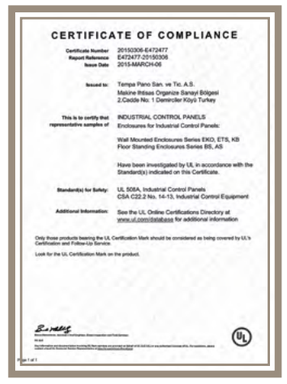
IAF


TÜRK STANDARDLARI ENSTİTÜSÜ
TÜRK STANDARDLARINA UYGUNLUK BELGESİ
TURKISH STANDARDS INSTITUTION
CERTIFICATE OF CONFORMITY TO TURKISH STANDARDS


TÜRK LOYDU

TYPE APPROVAL CERTIFICATE


TÜRK STANDARDLARI ENSTİTÜSÜ
TÜRK STANDARDLARINA UYGUNLUK BELGESİ
TURKISH STANDARDS INSTITUTION
CERTIFICATE OF CONFORMITY TO TURKISH STANDARDS


CERTIFICATE OF COMPLIANCE

Certificate Number 20150306-E472477
Report Reference E472477-20150306
Issue Date 2015-MARCH-06

Issued to: Tempa Pano San. ve Tic. A.S.
Makine İmalatı Organize Sanayi Bölgesi
2.Cadde No: 1 Demirciler Köyü Turkey

This is to certify that representative samples of: INDUSTRIAL CONTROL PANELS
Enclosures for Industrial Control Panels:
Wall Mounted Enclosures Series EKO, ETS, KB
Floor Standing Enclosures Series BS, AS
Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 508A, Industrial Control Panels
CSA C22.2 No. 14-13, Industrial Control Equipment

Additional Information: See the UL Online Certifications Directory at www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's Certification and Follow-Up Service

Look for the UL Certification Mark on the product.

UL

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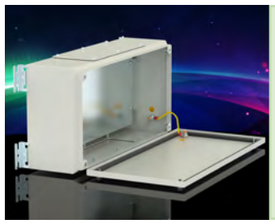
WALL MOUNTED ENCLOSURES



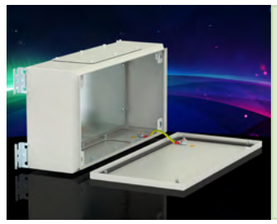
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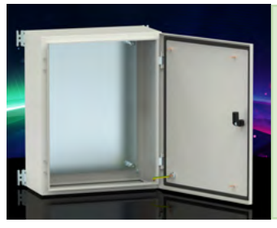
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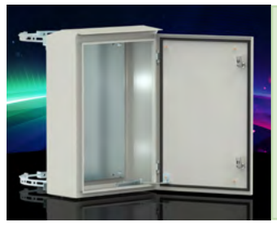
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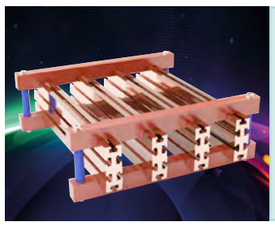


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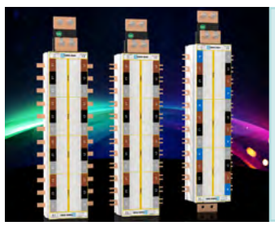
BUSBAR DISTRIBUTION SYSTEMS



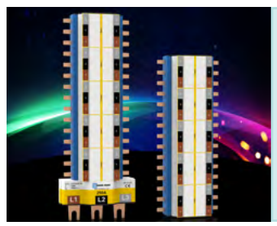
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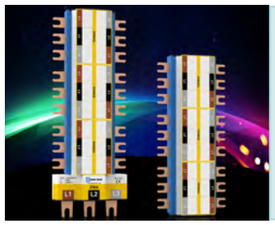
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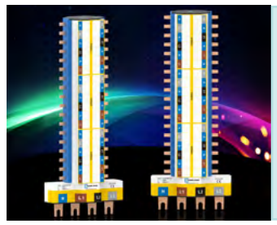
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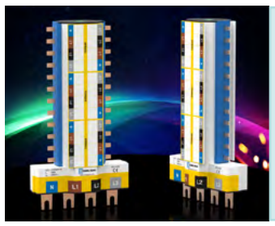
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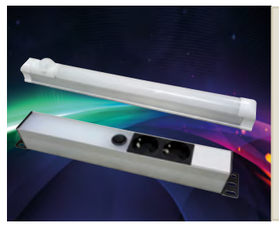


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Characteristics

Material

Sheet Steel (EN 10130 DC01)

- Body : 1.2 mm
- Lid : 1.2 mm

Surface Finishing

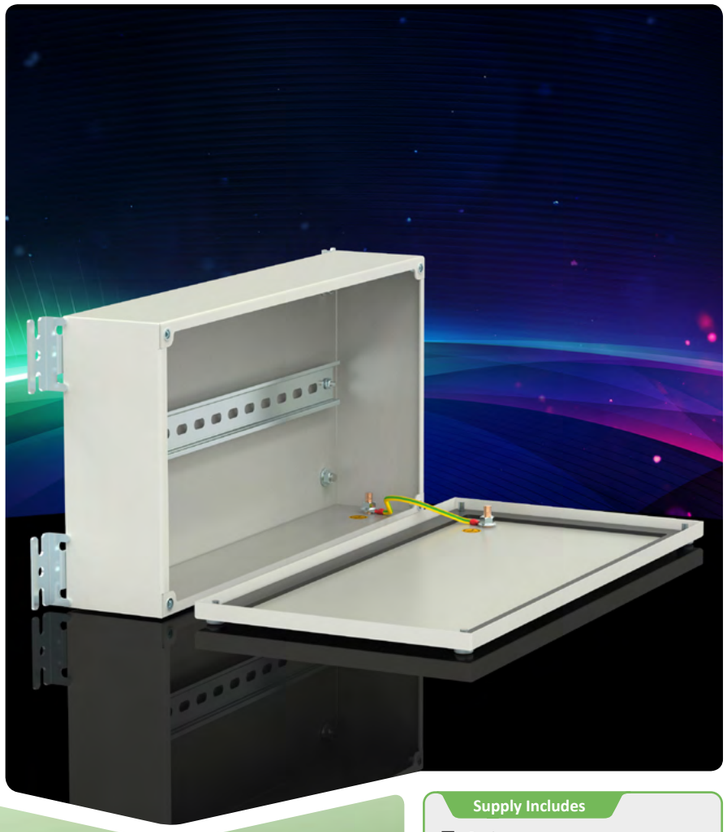
- RAL7035w powder coating

IP Rating

- IP55 (TS 3033, EN 60529)

Others

- Fully welded construction
- Screwed plain lid
- One piece EPDM lid gasket
- Ready for DIN rail fixing

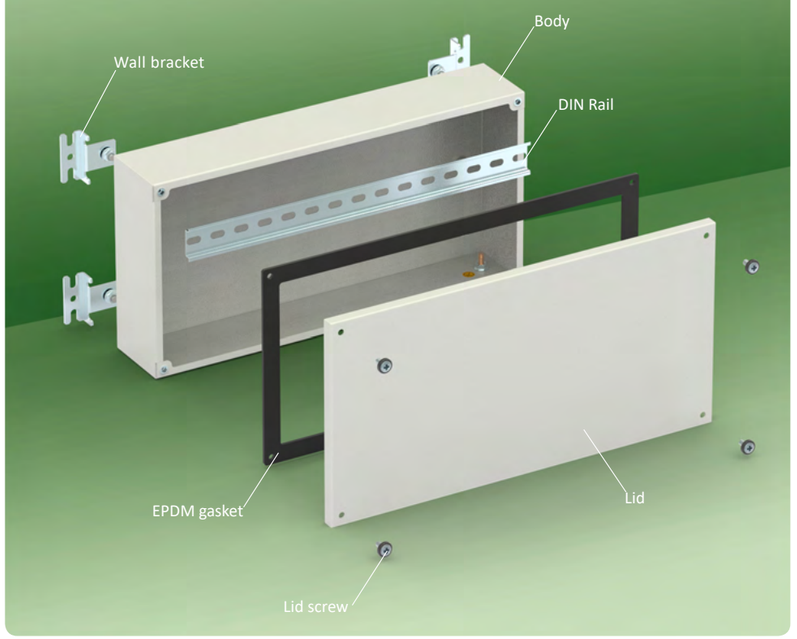


On Request

- Special sizes
- Special colour
- Pre-punching

Supply Includes

- Body
- Lid
- Lid gasket
- Lid screws

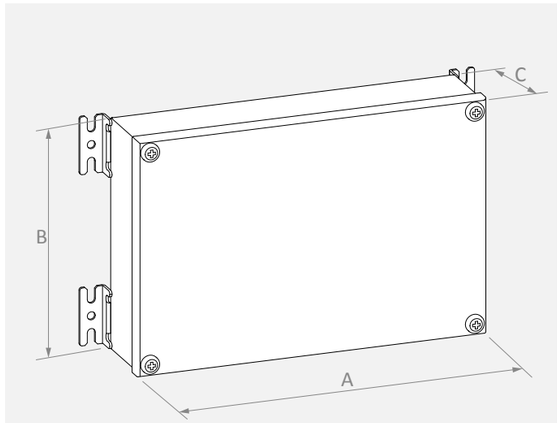


Complementary Accessories

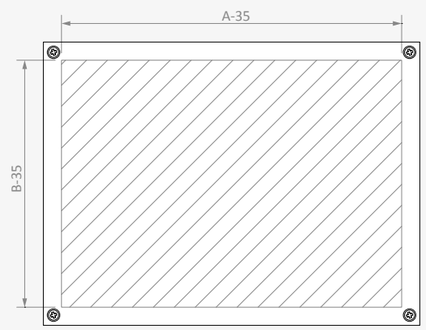
- DIN rail
- Wall bracket 2/4
- Earthing cable



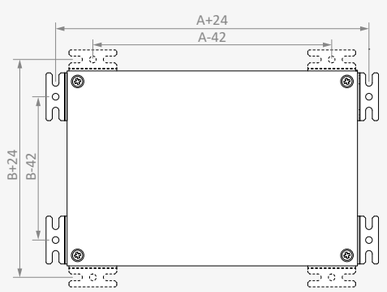
Width A	Height B	Depth C	Reference	Useful Area Lid ↔	Useful Area Lid ↕	Useful Area Side	Wall Mounting With Bracket Side ↔	Wall Mounting With Bracket Side ↕	Wall Mounting With Bracket Up/Down ↔	Wall Mounting With Bracket Up/Down ↕	Wall Mounting Internal ↔	Wall Mounting Internal ↕	DIN Rail Fixing ↔	Weight
mm	mm	mm		mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg
80	160	60	JB 081606	45	125	44	---	118	---	184	---	118	30	0.6
100	100	60	JB 101006	65	65	44	---	58	---	124	---	58	50	0.6
120	120	60	JB 121206	85	85	44	---	78	---	144	---	78	70	0.7
150	150	60	JB 151506	115	115	44	---	108	---	174	---	108	100	0.9
160	160	80	JB 161608	125	125	64	---	118	---	184	---	118	110	1.4
200	200	80	JB 202008	165	165	64	---	158	---	224	---	158	150	1.9
300	200	100	JB 302010	265	165	84	324	158	258	224	258	148	250	2.4
	300	100	JB 303010	265	265	84	324	258	258	324	258	248	2 x 250	3.2
400	200	100	JB 402010	365	165	84	424	158	358	224	358	148	350	2.8
	300	100	JB 403010	365	265	84	424	258	358	324	358	248	2 x 350	4.0
	400	100	JB 404010	365	365	84	424	358	358	424	358	348	2 x 350	5.0

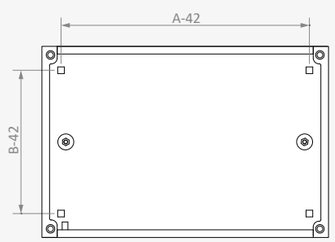


LID USEFUL AREA

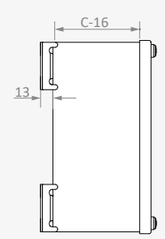


WALL MOUNTING





DEPTH DIMENSIONS



Characteristics

Material

Sheet Steel (EN 10130 DC01)

- Body : 1.2 mm
- Door : 1.2 mm

Surface Finishing

- RAL7035w powder coating

IP Rating

- IP55 (TS 3033, EN 60529)

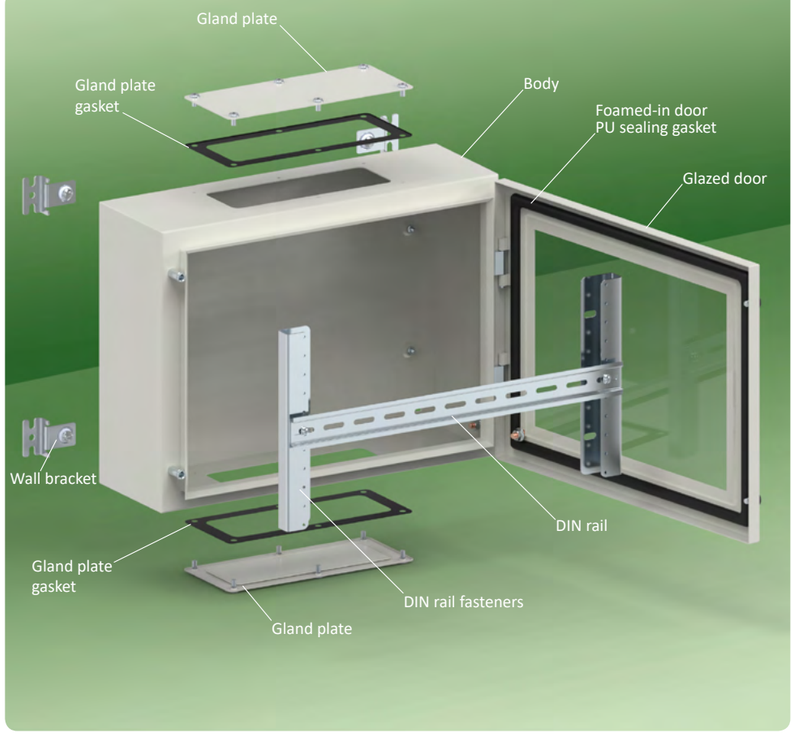
Others

- Fully welded construction
- Glazed door fixed with two screws
- Foamed-in door PU sealing gasket
- 135° concealed hinges
- Top and bottom gland plates
- One piece PE gasket for gland plate
- Ready for DIN rail fixing



On Request

- Special sizes
- Special colour
- Pre-punching
- Solid door
- Special mounting plate



Supply Includes

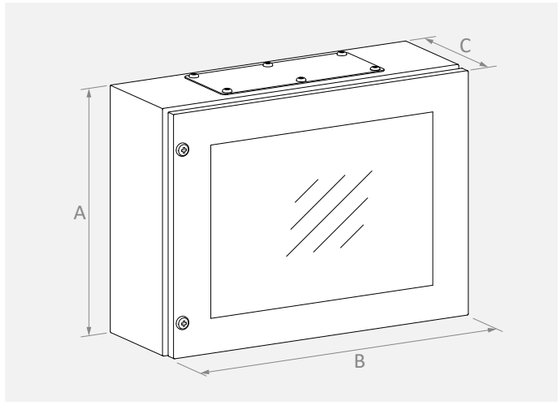
- Body
- Glazed door
- 2 pcs DIN rail fasteners
- 2 pcs gland plates with gasket

Complementary Accessories

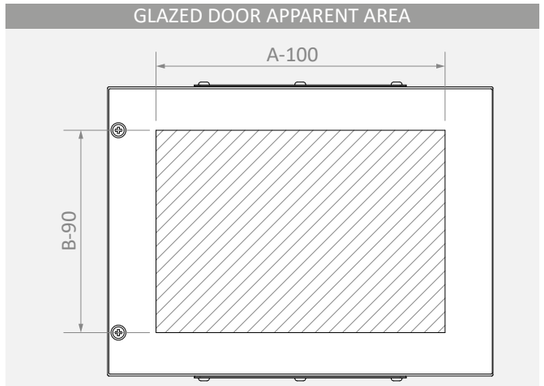
- DIN rail
- Earthing cable
- 4 pcs wall brackets



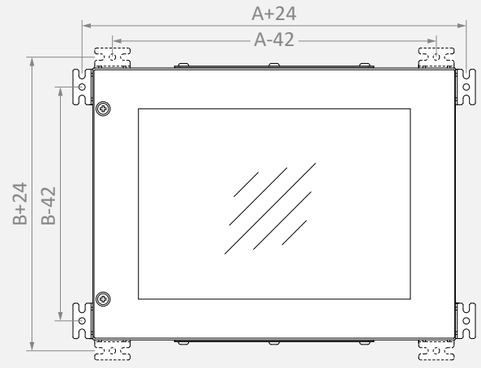
Width A	Height B	Depth C	Reference	Useful Area Side ↕	Useful Area Side ⟋	Apparent Area ↔	Apparent Area ↕	Cable Gland #	Cable Gland ↔	Cable Gland ⟋	Wall Mounting Side ↔	Wall Mounting Side ↕	Wall Mounting Up/Down ↔	Wall Mounting Up/Down ↕	DIN Rail Fixing ↔	Weight
mm	mm	mm		mm	mm	mm	mm	pcs	mm	mm	mm	mm	mm	mm	mm	kg
300	200	125	TB 302012	150	75	200	110	2	260	48	324	158	258	158	225	3.6
	300	125	TB 303012	250	75	200	210	2	260	48	324	258	258	258	2 x 225	4.6
400	200	125	TB 402012	150	75	300	110	2	360	48	424	158	358	158	325	4.5
	300	150	TB 403015	250	100	300	210	2	360	73	424	258	358	258	2 x 325	6.0
	400	150	TB 404015	350	100	300	310	2	360	73	424	358	358	358	2 x 325	7.5



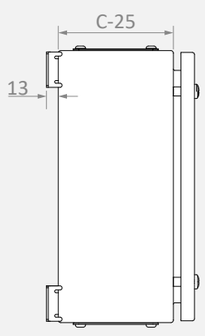
GLAZED DOOR APPARENT AREA



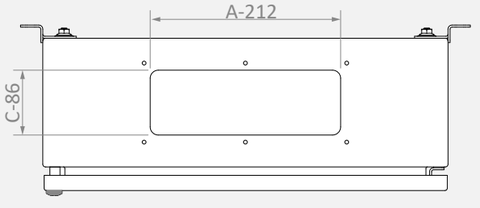
WALL MOUNTING



DEPTH DIMENSIONS



CABLE GLAND



Characteristics

Material

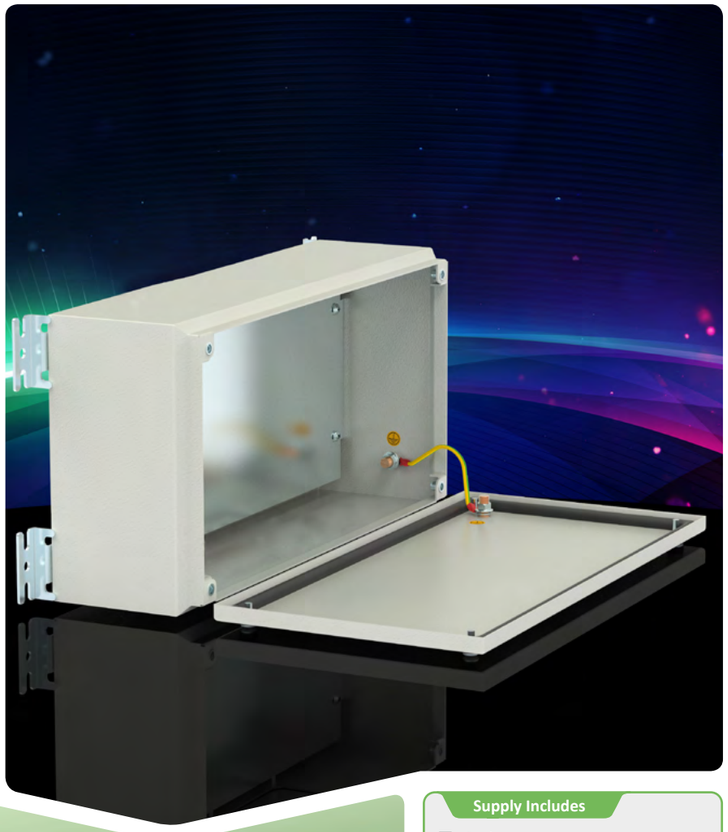
Sheet Steel (EN 10130 DC01)
- Body : 1.2 mm
- Lid : 1.2 mm

Galvanized Steel (EN 10346 DX51D+Z)
- Mounting plate : 1.5 mm

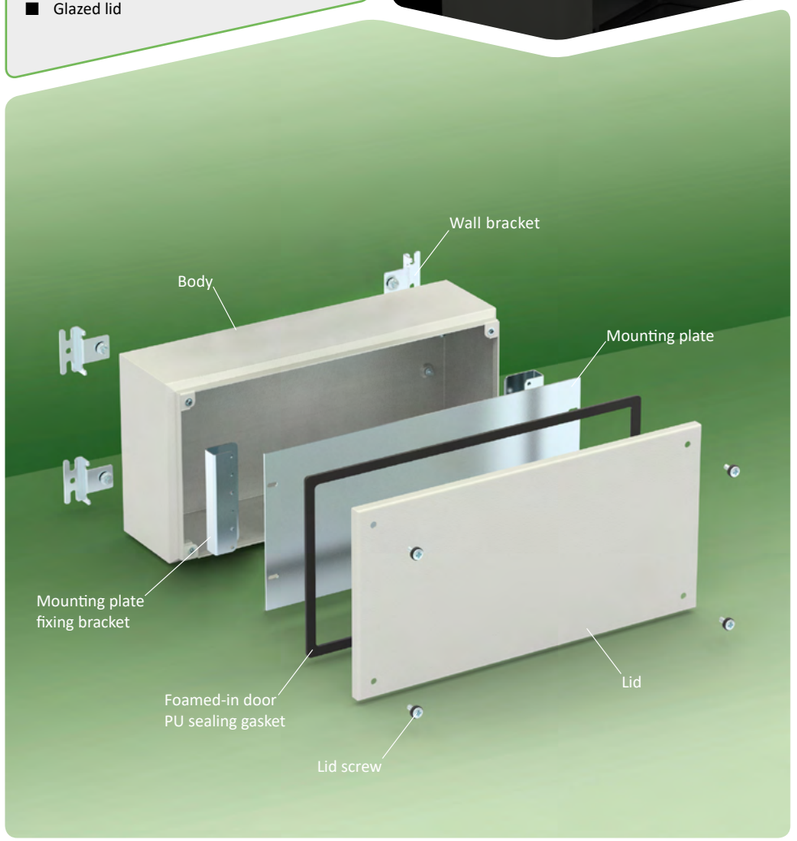
Surface Finishing
- RAL7035w powder coating

IP Rating
- BK IP66 (TS 3033, EN 60529)

Others
- Fully welded construction
- Screwed plain lid
- Foamed-in lid PU sealing gasket
- Ready for DIN rail fixing



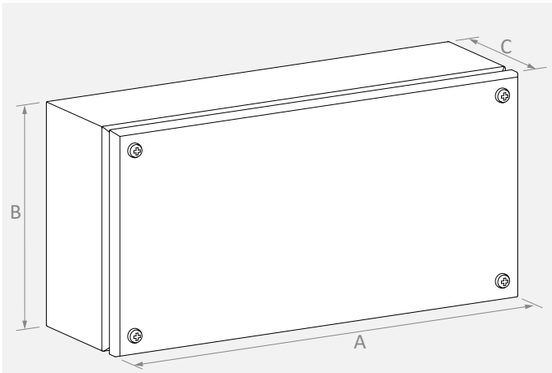
On Request
- Special sizes
- Special colour
- Pre-punching
- Glazed lid



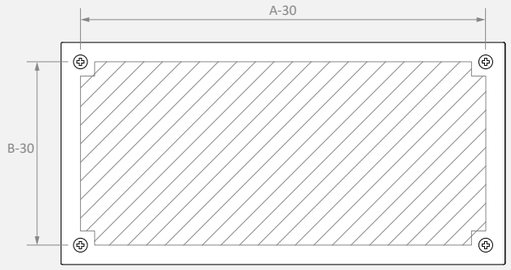
Supply Includes
- Body
- Lid
- Lid screws

Complementary Accessories
- DIN rail
- Mounting plate
- Mounting plate and DIN rail fasteners
- Earthing cable
- Wall brackets 2/4

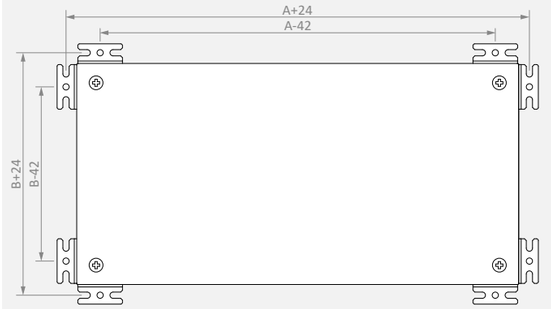
Width A	Height B	Depth C	Reference	Useful Area Lid ↔	Useful Area Lid ↕	Useful Area Side ⤢	Wall Mounting Side ↔	Wall Mounting Side ↕	Wall Mounting Up/Down ↔	Wall Mounting Up/Down ↕	DIN Rail Fixing ↔	Mounting Plate ↔	Mounting Plate ↕	Weight
mm	mm	mm		mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg
150	150	120	BK 151512	120	120	98	---	108	---	174	100	125	120	1.7
200	200	120	BK 202012	170	170	98	---	158	---	224	150	175	170	2.5
300	200	120	BK 302012	270	170	98	324	148	258	224	250	275	170	3.3
	300	120	BK 303012	270	270	98	324	248	258	324	2 x 250	275	270	4.4
400	200	120	BK 402012	370	170	98	424	148	358	224	350	375	170	4.0
	300	120	BK 403012	370	270	98	424	248	358	324	2 x 350	375	270	5.4
	400	120	BK 404012	370	370	98	424	348	358	424	2 x 350	375	370	7.4



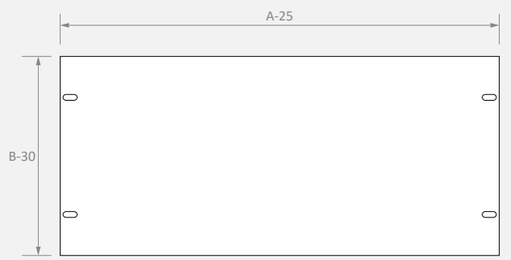
LID USEFUL AREA



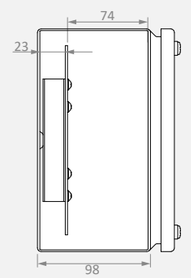
WALL MOUNTING



MOUNTING PLATE



DEPTH DIMENSIONS



Characteristics

Material

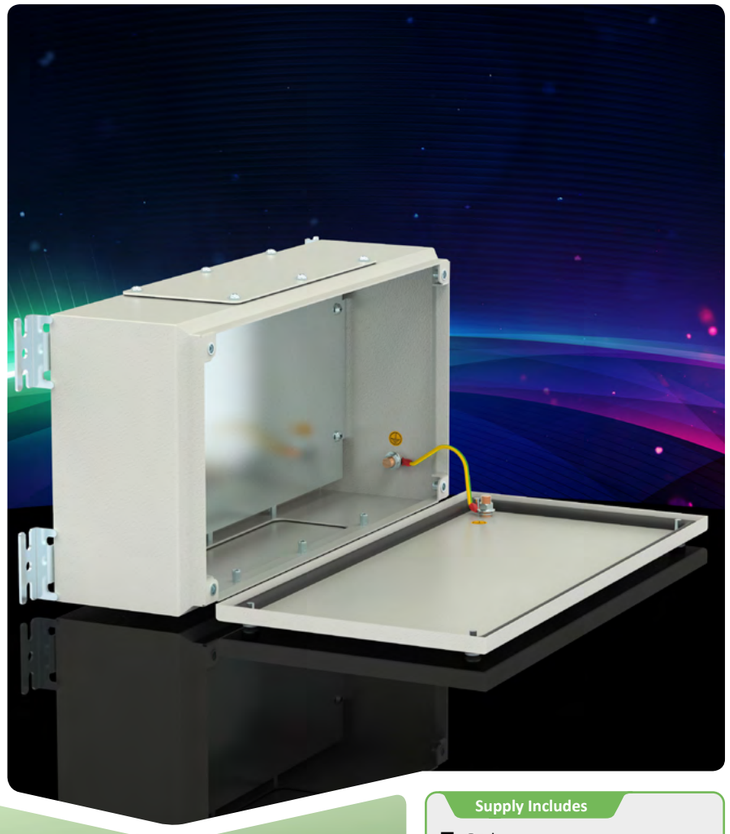
Sheet Steel (EN 10130 DC01)
- Body : 1.2 mm
- Lid : 1.2 mm

Galvanized Steel (EN 10346 DX51D+Z)
- Mounting plate : 1.5 mm

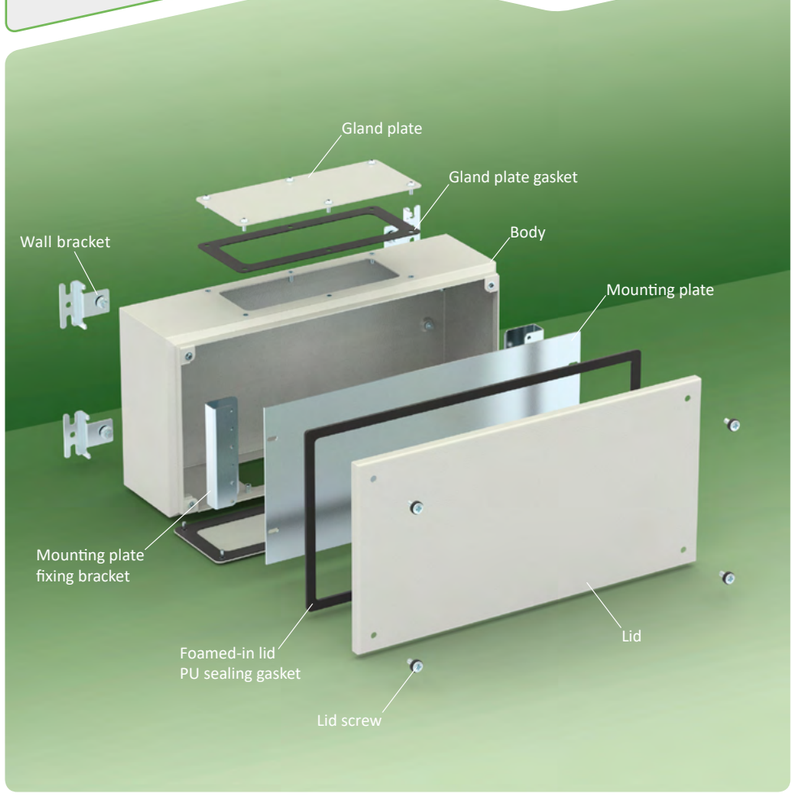
Surface Finishing
- RAL7035w powder coating

IP Rating
- BKP IP65 (TS 3033, EN 60529)

Others
- Fully welded construction
- Screwed plain lid
- Foamed-in lid PU sealing gasket
- Ready for DIN rail fixing
- Top and bottom gland plates
- One piece PE gasket for gland plate



On Request
- Special sizes
- Special colour
- Pre-punching
- Glazed lid

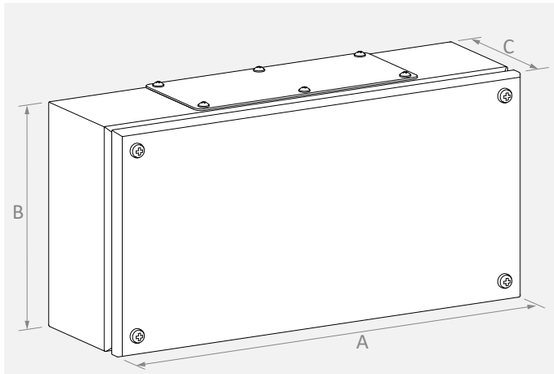


Supply Includes
- Body
- Lid
- Lid screws
- 2/4 pcs gland plates with gasket

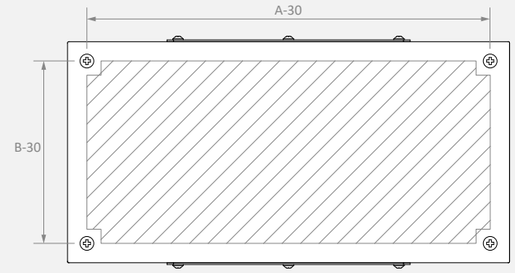
Complementary Accessories
- DIN rail
- Mounting plate
- Mounting plate and DIN rail fasteners
- Earthing cable
- 4 pcs wall brackets

WALL MOUNTED ENCLOSURES

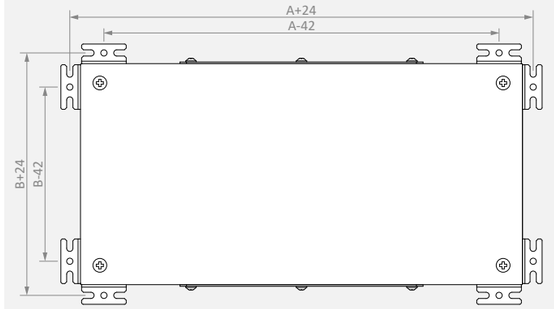
Width A	Height B	Depth C	Reference	Useful Area Lid ↔	Useful Area Lid ↕	Useful Area Side	Cable Gland #	Cable Gland ↔	Cable Gland	Wall Mounting Side ↔	Wall Mounting Side ↕	Wall Mounting Up/Down ↔	Wall Mounting Up/Down ↕	DIN Rail Fixing ↔	Mounting Plate ↔	Mounting Plate ↕	Weight
mm	mm	mm		mm	mm	mm	pcs	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg
300	200	120	BKP 302012	270	170	98	2	188	64	324	158	148	224	250	275	170	3.9
	300	120	BKP 303012	270	270	98	2	188	64	324	158	248	324	2 x 250	275	270	5.2
400	200	120	BKP 402012	370	170	98	2	188	64	424	158	148	224	350	375	170	4.8
	300	120	BKP 403012	370	270	98	2	188	64	424	258	248	324	2 x 350	375	270	6.2
	400	120	BKP 404012	370	370	98	2	188	64	424	258	348	424	2 x 350	375	370	7.5
600	300	120	BKP 603012	570	270	98	4	188	64	624	258	248	324	2 x 535	575	270	8.7
	400	120	BKP 604012	570	370	98	4	188	64	624	358	348	424	2 x 535	575	370	10.7



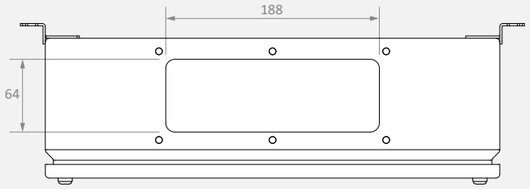
LID USEFUL AREA



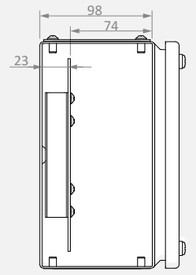
WALL MOUNTING



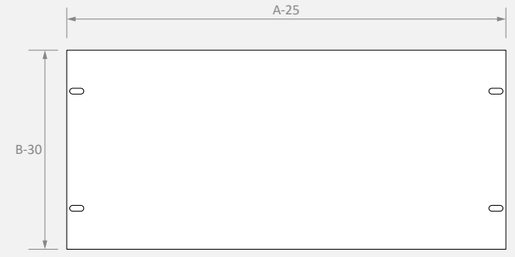
CABLE GLAND



DEPTH DIMENSIONS



MOUNTING PLATE



WALL MOUNTED ENCLOSURES

Characteristics

Material

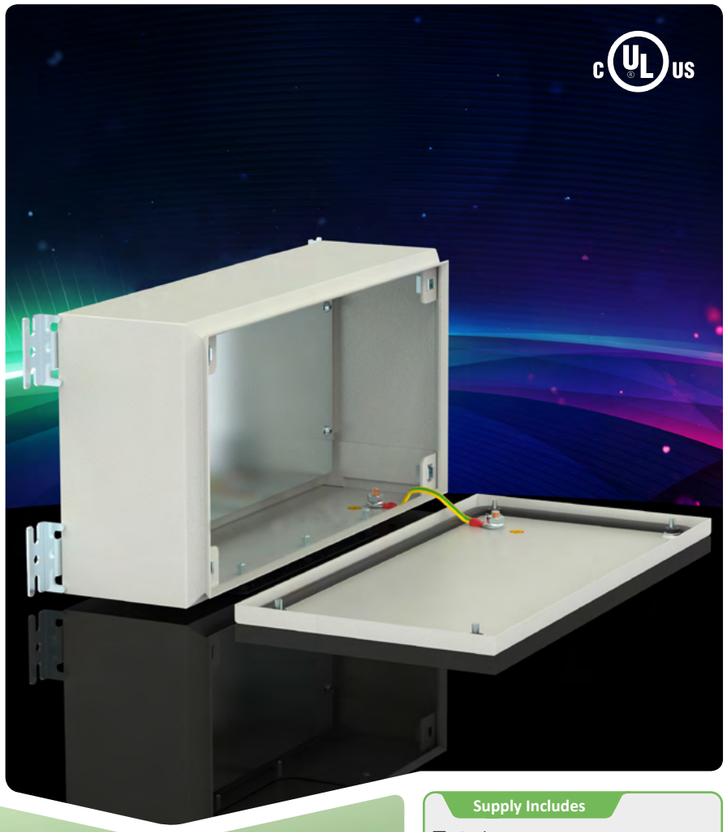
Sheet Steel (EN 10130 DC01)
- Body : 1.2 mm
- Lid : 1.2 mm

Galvanized Steel (EN 10346 DX51D+Z)
- Mounting plate : 1.5 mm

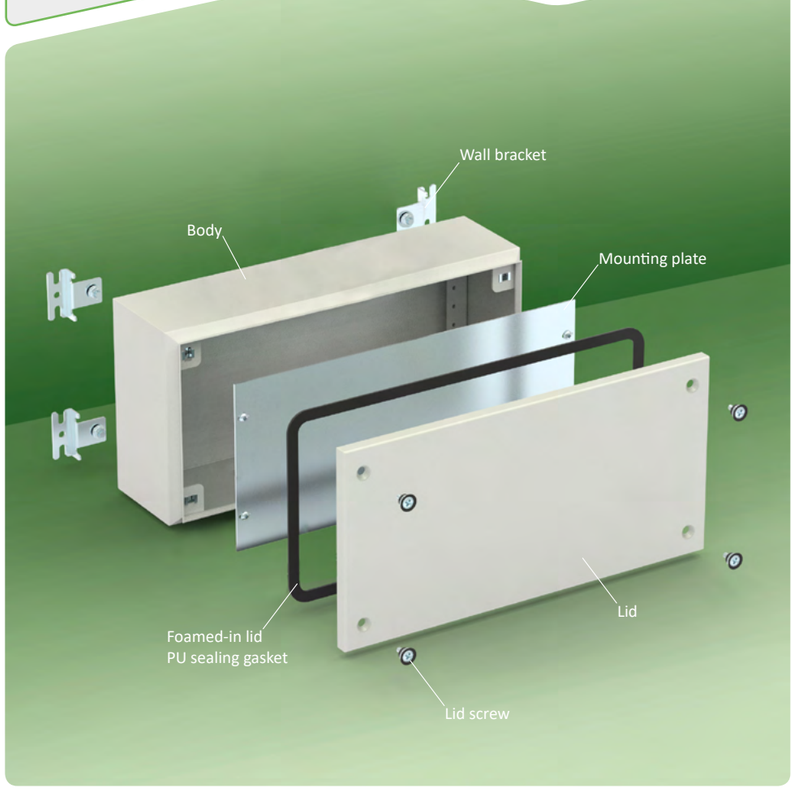
Surface Finishing
- RAL7035w powder coating

IP Rating
- KB IP66 (TS 3033, EN 60529)

Others
- Fully welded construction
- Screwed plain lid
- Foamed-in lid PU sealing gasket
- Ready for mounting plate and DIN rail fixing



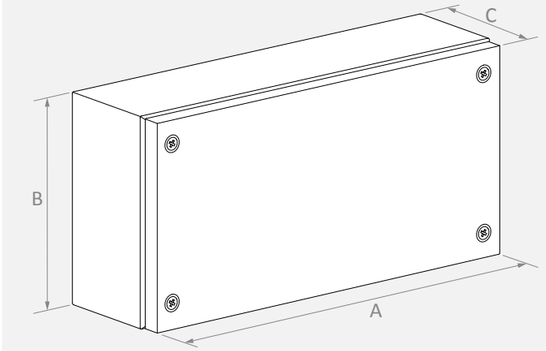
On Request
- Special sizes
- Special colour
- Pre-punching
- Glazed lid



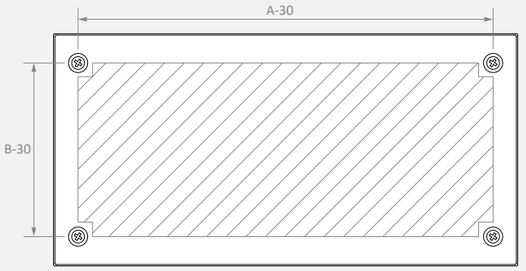
Supply Includes
- Body
- Lid
- Lid screws

Complementary Accessories
- DIN rail
- Mounting plate
- Earthing cable
- Wall brackets 2/4

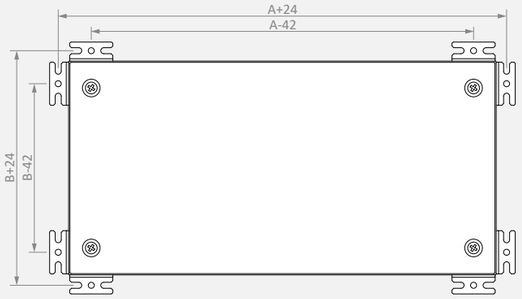
Width A	Height B	Depth C	Reference	Useful Area Lid ↔	Useful Area Lid ↕	Useful Area Side	Wall Mounting Side ↔	Wall Mounting Side ↕	Wall Mounting Up/Down ↔	Wall Mounting Up/Down ↕	DIN Rail Fixing ↔	Mounting Plate ↔	Mounting Plate ↕	Weight
mm	mm	mm		mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg
150	150	120	KB 151512	110	110	86	---	108	---	174	108	125	120	2.1
200	200	120	KB 202012	160	160	86	---	158	---	224	158	175	170	2.9
300	200	120	KB 302012	260	160	86	324	148	258	224	258	275	170	3.7
	300	120	KB 303012	260	260	86	324	248	258	324	2 x 258	275	270	4.9
400	200	120	KB 402012	360	160	86	424	148	358	224	358	375	170	4.6
	300	120	KB 403012	360	260	86	424	248	358	324	2 x 358	375	270	5.9
	400	120	KB 404012	360	360	86	424	348	358	424	2 x 358	375	370	7.3



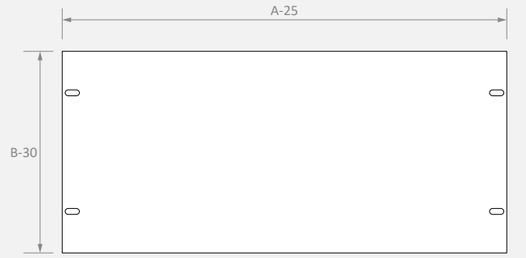
LID USEFUL AREA



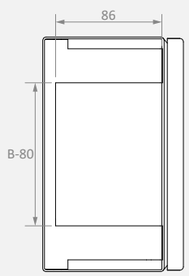
WALL MOUNTING



MOUNTING PLATE



DEPTH DIMENSIONS



Characteristics

Material

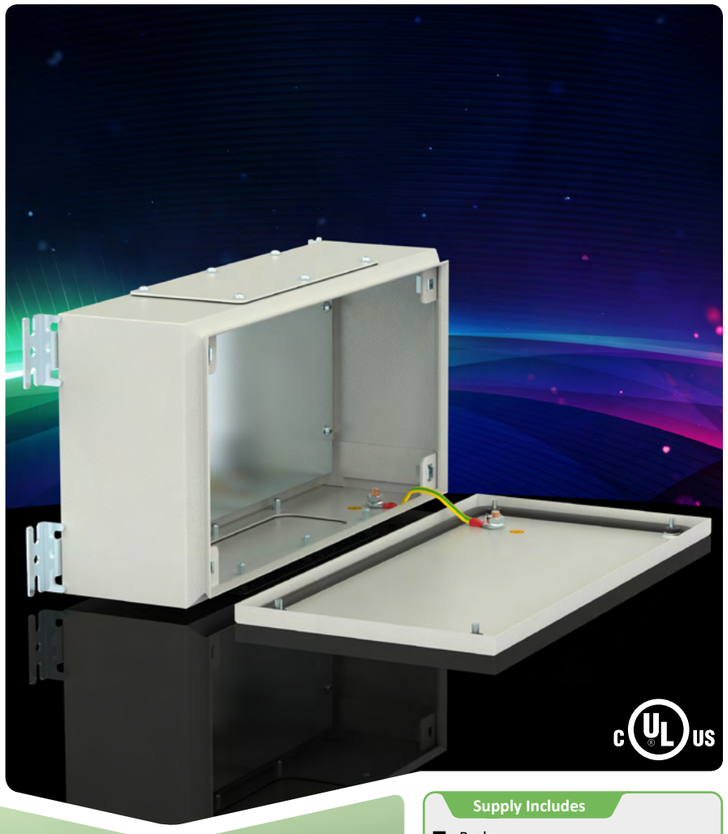
Sheet Steel (EN 10130 DC01)
- Body : 1.2 mm
- Lid : 1.2 mm

Galvanized Steel (EN 10346 DX51D+Z)
- Mounting plate : 1.5 mm

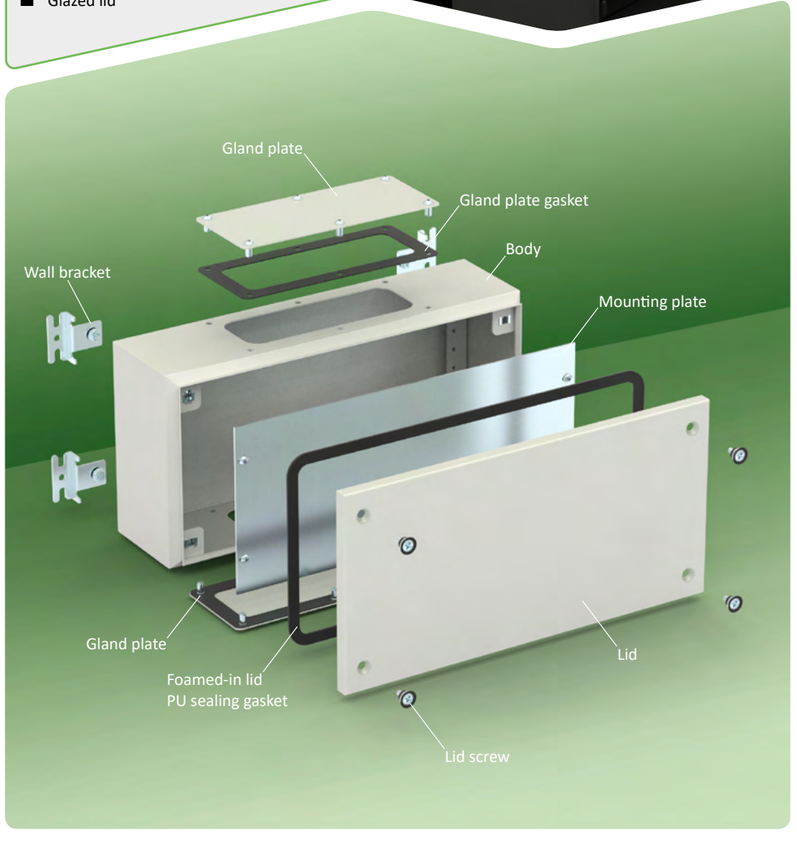
Surface Finishing
- RAL7035w powder coating

IP Rating
- KBP IP65 (TS 3033, EN 60529)

Others
- Fully welded construction
- Screwed plain lid
- Foamed-in lid PU sealing gasket
- Ready for mounting plate and DIN rail fixing
- Top and bottom gland plates
- One piece PE gasket for gland plate



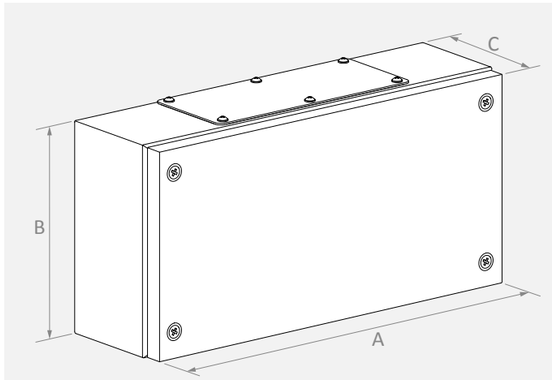
On Request
- Special sizes
- Special colour
- Pre-punching
- Glazed lid



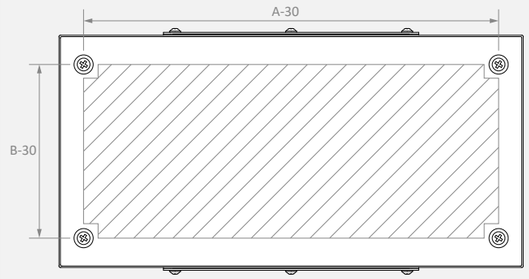
Supply Includes
- Body
- Lid
- Lid screws
- 2/4 pcs gland plates with gasket

Complementary Accessories
- DIN rail
- Mounting plate
- Earthing cable
- 4 pcs wall brackets

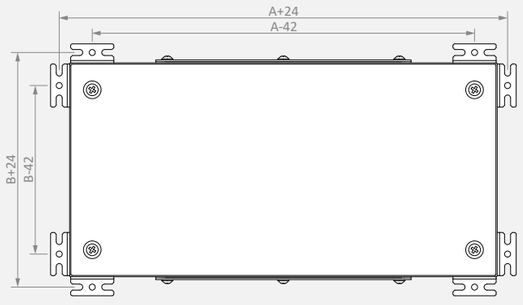
Width	Height	Depth	Reference	Useful Area			Gland Plate			Wall Mounting				DIN Rail Fixing	Mounting Plate		Weight
				Lid		Side				Side		Up/Down					
A	B	C		↔	↕	⤢	#	↔	⤢	↔	↕	↔	↕	↔	↔	↕	
mm	mm	mm		mm	mm	mm	ad	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg
300	200	120	KBP 302012	260	160	86	2	188	64	324	158	148	224	258	275	170	3.9
	300	120	KBP 303012	260	260	86	2	188	64	324	158	248	324	2 x 258	275	270	5.2
400	200	120	KBP 402012	360	160	86	2	188	64	424	158	148	224	358	375	170	4.8
	300	120	KBP 403012	360	260	86	2	188	64	424	258	248	324	2 x 358	375	270	6.2
	400	120	KBP 404012	360	360	86	2	188	64	424	258	348	424	2 x 358	375	370	7.8
600	300	120	KBP 603012	560	260	86	4	188	64	624	258	248	324	2 x 558	575	270	8.7
	400	120	KBP 604012	560	360	86	4	188	64	624	358	348	424	2 x 558	575	370	11.0



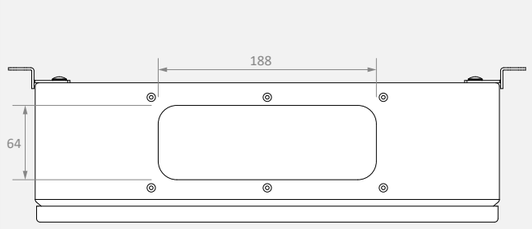
LID USEFUL AREA



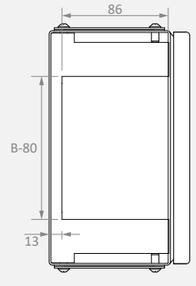
WALL MOUNTING



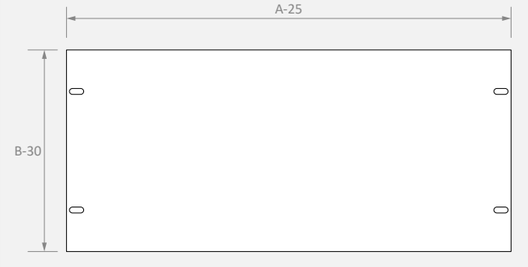
CABLE GLAND



DEPTH DIMENSIONS



MOUNTING PLATE



Characteristics

Material

Sheet Steel (EN 10130 DC01)
- Body : 1.2 / 1.5 mm
- Door : 1.2 / 1.5 mm

Galvanized Steel (EN 10346 DX51D+Z)
- Mounting plate : 1.5 - 2 mm

Surface Finishing
- RAL7035w powder coating

IP Rating

Single door enclosures
- IP66 (TS 3033, EN 60529)

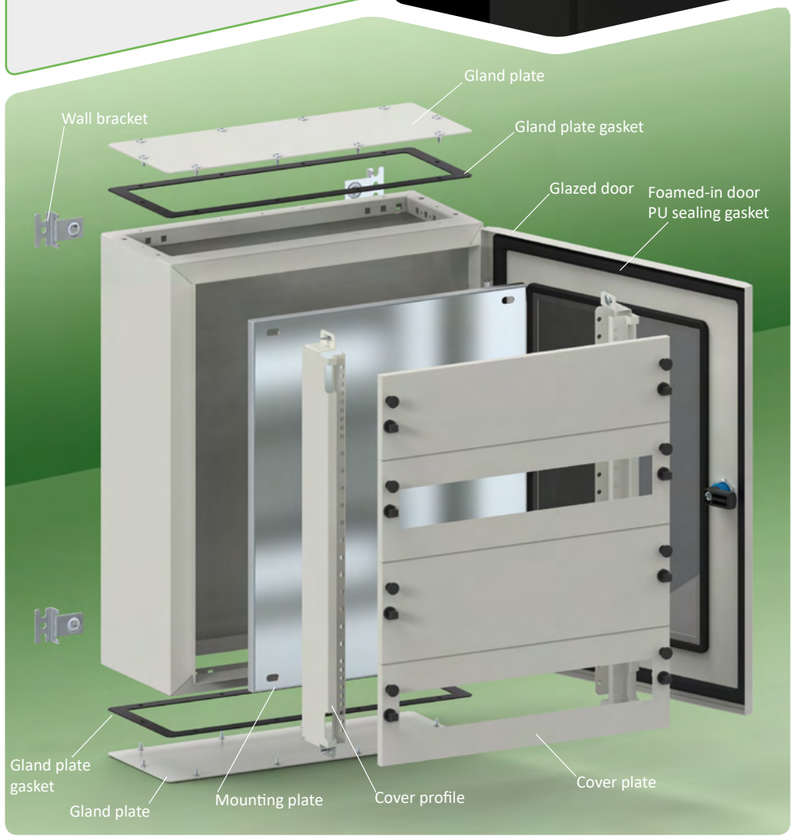
Double door enclosures
- IP55 (TS 3033, EN 60529)

Glazed door enclosures
- IP65 (TS 3033, EN 60529)

Others
- Fully welded construction
- Solid / glazed door
- Foamed-in door PU sealing gasket
- 155° concealed hinges
- 5mm Double-bit insert polyamide lock
- Top and bottom gland plates
- One piece PE gasket for gland plate

On Request
- Special sizes
- Special colour
- Pre-punching





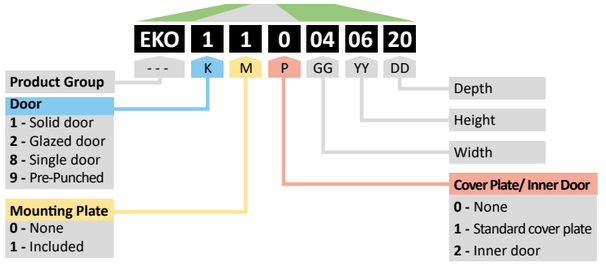
Supply Includes
- Body
- Door (Select ≈ K)
- Mounting plate (Option ≈ M)
- Cover plate set (Option ≈ P)
- Hinged inner door (Option ≈ P)
- 2 pcs gland plates with gasket
- 4/6 pcs wall brackets

Complementary Accessories
- Rain canopy
- Support base
- DIN rail
- Cover plate and profiles
- Standoff
- Door inside mounting profile
- Door stay
- Pole fitting set
- Plastic cover plate
- Special locks and keys
- Earthing cable

Width A mm	Height B mm	Depth C mm	Reference	Door pcs	Lock Type *	Lock pcs	Hinge pcs	Wall Bracket pcs	Weight ** kg	Application Options: Glazed Door Y / N	Cover Plate System Y / N	Standard Cover Plate Set Y / N	Rain Canopy Y / N	Support Base Y / N
200	300	150	EKO xxx 020315	1	C	1	2	4	4.2	–	–	–	–	–
300	300	150	EKO xxx 030315	1	C	1	2	4	5.6	✓	–	–	✓	✓
		200	EKO xxx 030320	1	C	1	2	4	6.3	✓	✓	✓	✓	✓
	400	150	EKO xxx 030415	1	C	1	2	4	7.0	✓	–	–	✓	✓
		200	EKO xxx 030420	1	C	1	2	4	7.9	✓	✓	✓	✓	✓
	500	200	EKO xxx 030520	1	C	1	2	4	9.4	✓	✓	✓	✓	✓
400	300	150	EKO xxx 040315	1	C	1	2	4	7.1	✓	–	–	✓	✓
	400	200	EKO xxx 040420	1	C	1	2	4	9.8	✓	✓	✓	✓	✓
		250	EKO xxx 040425	1	C	1	2	4	10.0	✓	–	–	✓	✓
	500	150	EKO xxx 040515	1	C	1	2	4	10.5	✓	–	–	✓	✓
		200	EKO xxx 040520	1	C	1	2	4	11.6	✓	✓	✓	✓	✓
		250	EKO xxx 040525	1	C	1	2	4	12.0	✓	–	–	✓	✓
	600	200	EKO xxx 040620	1	C	2	2	4	13.5	✓	✓	✓	✓	✓
		250	EKO xxx 040625	1	C	2	2	4	14.0	✓	–	–	✓	✓
		300	EKO xxx 040630	1	C	2	2	4	15.6	✓	✓	✓	✓	✓
	800	200	EKO xxx 040820	1	C	2	3	4	18.7	✓	✓	✓	✓	✓
500	500	200	EKO xxx 050520	1	C	1	2	4	14.1	✓	✓	✓	✓	✓
		250	EKO xxx 050525	1	C	1	2	4	15.0	✓	–	–	✓	✓
	600	200	EKO xxx 050620	1	C	2	2	4	16.2	✓	✓	✓	✓	✓
		250	EKO xxx 050625	1	C	2	2	4	17.0	✓	–	–	✓	✓
	700	200	EKO xxx 050720	1	C	2	3	4	18.5	✓	✓	✓	✓	✓
		250	EKO xxx 050725	1	C	2	3	4	19.0	✓	–	–	✓	✓
		300	EKO xxx 050730	1	C	2	3	4	21.2	✓	✓	✓	✓	✓
	800	200	EKO xxx 050820	1	C	2	3	4	23.9	✓	✓	✓	✓	✓
600	400	200	EKO xxx 060420	1	C	1	2	4	14.9	✓	✓	✓	✓	✓
	600	200	EKO xxx 060620	1	C	2	2	4	20.6	✓	✓	✓	✓	✓
		250	EKO xxx 060625	1	C	2	2	4	21.0	✓	–	–	✓	✓
		300	EKO xxx 060630	1	C	2	2	4	23.2	✓	✓	✓	✓	✓
	800	200	EKO xxx 060820	1	C	2	3	4	26.2	✓	✓	✓	✓	✓
		250	EKO xxx 060825	1	C	2	3	4	27.0	✓	–	–	✓	✓
		300	EKO xxx 060830	1	C	2	3	4	29.0	✓	✓	✓	✓	✓
	1000	200	EKO xxx 061020	1	C	2	3	4	30.8	✓	✓	✓	✓	✓
		250	EKO xxx 061025	1	C	2	3	4	33.5	✓	–	–	✓	✓
		300	EKO xxx 061030	1	C	2	3	4	35.2	✓	✓	✓	✓	✓
	1200	250	EKO xxx 061225	1	C	2	4	4	37.5	✓	–	–	✓	✓
		300	EKO xxx 061230	1	C	2	4	4	39.7	✓	✓	✓	✓	✓
800	600	200	EKO xxx 080620	1	C	2	3	4	26.3	✓	–	–	✓	✓
		300	EKO xxx 080630	2	C	2	3+3	4	28.3	✓	–	–	✓	✓
	800	200	EKO xxx 080820	1	C	2	3	4	31.0	✓	–	–	✓	✓
		250	EKO xxx 080825	1	C	2	3	4	35.0	✓	–	–	✓	✓
		300	EKO xxx 080830	1	C	2	3	4	37.5	✓	–	–	✓	✓
	1000	250	EKO xxx 081025	1	C	2	4	4	40.0	✓	–	–	✓	✓
		300	EKO xxx 081030	1	C	2	4	4	45.3	✓	–	–	✓	✓
	1200	250	EKO xxx 081225	1	C	2	4	4	57.0	✓	–	–	✓	✓
		300	EKO xxx 081230	1	C	2	4	4	59.0	✓	–	–	✓	✓
1000	600	300	EKO xxx 106030	2	C	2	2+2	6	50.0	–	–	–	✓	✓
	1000	250	EKO xxx 101025	2	I	1	4+4	6	57.0	–	–	–	✓	✓
		300	EKO xxx 101030	2	I	1	4+4	6	60.0	–	–	–	✓	✓
	1200	250	EKO xxx 101225	2	I	1	4+4	6	67.8	–	–	–	✓	✓
		300	EKO xxx 101230	2	I	1	4+4	6	70.0	–	–	–	✓	✓
1200	1200	250	EKO xxx 121225	2	I	1	4+4	6	77.0	–	–	–	✓	✓
		300	EKO xxx 121230	2	I	1	4+4	6	80.0	–	–	–	✓	✓
		400	EKO xxx 101240	2	I	1	4+4	6	85.0	–	–	–	✓	✓

* C: Quarter Turn I: Escutcheon Rod-latch

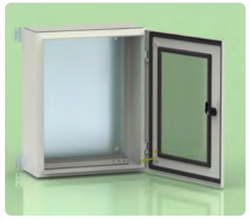
** For EKO 110 GG YY DD





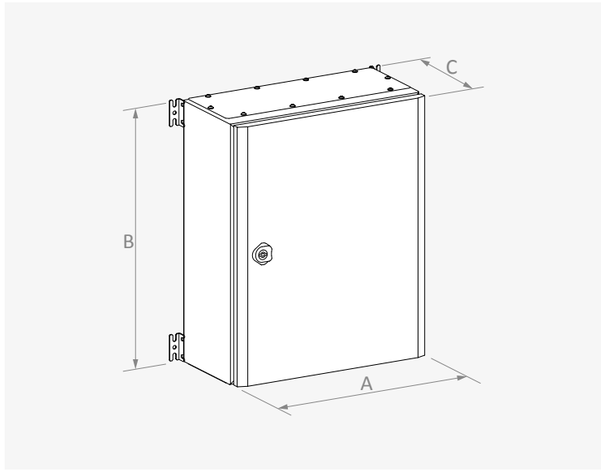


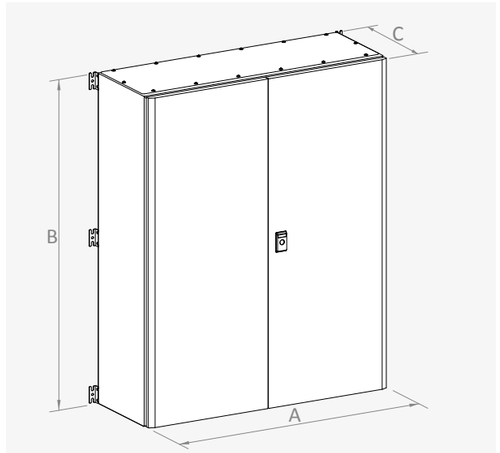
			K →	Solid Door	Solid Door	Solid Door
			M →	Mounting Plate	Mounting Plate	-- --
			P →	-- --	Inner Door	Cover Plate
Width	Height	Depth	Door	Reference	Reference	Reference
A	B	C				
mm	mm	mm	pcs			
200	300	150	1	EKO 110 020315	-- --	-- --
300	300	150	1	EKO 110 030315	-- --	-- --
		200	1	EKO 110 030320	EKO 112 030320	EKO 101 030320
	400	150	1	EKO 110 030415	-- --	-- --
		200	1	EKO 110 030420	EKO 112 030420	EKO 101 030420
	500	200	1	EKO 110 030520	EKO 112 030520	EKO 101 030520
400	300	150	1	EKO 110 040315	-- --	-- --
	400	200	1	EKO 110 040420	EKO 112 040420	EKO 101 040420
		250	1	EKO 110 040425	-- --	-- --
	500	150	1	EKO 110 040515	-- --	-- --
		200	1	EKO 110 040520	EKO 112 040520	EKO 101 040520
		250	1	EKO 110 040525	-- --	-- --
	600	200	1	EKO 110 040620	EKO 112 040620	EKO 101 040620
		250	1	EKO 110 040625	-- --	-- --
		300	1	EKO 110 040630	EKO 112 040630	EKO 101 040630
	800	200	1	EKO 110 040820	EKO 112 040820	EKO 101 040820
500	500	200	1	EKO 110 050520	EKO 112 050520	EKO 101 050520
		250	1	EKO 110 050525	-- --	-- --
	600	200	1	EKO 110 050620	EKO 112 050620	EKO 101 050620
		250	1	EKO 110 050625	-- --	-- --
	700	200	1	EKO 110 050720	EKO 112 050720	EKO 101 050720
		250	1	EKO 110 050725	-- --	-- --
		300	1	EKO 110 050730	EKO 112 050730	EKO 101 050730
	800	200	1	EKO 110 050820	EKO 112 050820	EKO 101 050820
600	400	200	1	EKO 110 060420	EKO 112 060420	EKO 101 060420
	600	200	1	EKO 110 060620	EKO 112 060620	EKO 101 060620
		250	1	EKO 110 060625	-- --	-- --
		300	1	EKO 110 060630	EKO 112 060630	EKO 101 060630
	800	200	1	EKO 110 060820	EKO 112 060820	EKO 101 060820
		250	1	EKO 110 060825	-- --	-- --
		300	1	EKO 110 060830	EKO 112 060830	EKO 101 060830
	1000	200	1	EKO 110 061020	EKO 112 061020	EKO 101 061020
		250	1	EKO 110 061025	-- --	-- --
		300	1	EKO 110 061030	EKO 112 061030	EKO 101 061030
	1200	250	1	EKO 110 061225	-- --	-- --
		300	1	EKO 110 061230	EKO 112 061230	EKO 101 061230
800	600	200	1	EKO 110 080620	EKO 112 080620	-- --
		300	2	EKO 110 080630	EKO 112 080630	-- --
	800	200	1	EKO 110 080820	EKO 112 080820	-- --
		250	1	EKO 110 080825	-- --	-- --
		300	1	EKO 110 080830	EKO 112 080830	-- --
	1000	250	1	EKO 110 081025	-- --	-- --
		300	1	EKO 110 081030	EKO 112 081030	-- --
	1200	250	1	EKO 110 081225	-- --	-- --
		300	1	EKO 110 081230	EKO 112 081230	-- --
1000	600	300	2	EKO 110 100630	-- --	-- --
	1000	250	2	EKO 110 101025	-- --	-- --
		300	2	EKO 110 101030	-- --	-- --
	1200	250	2	EKO 110 101225	-- --	-- --
		300	2	EKO 110 101230	-- --	-- --
1200	1200	250	2	EKO 110 121225	-- --	-- --
		300	2	EKO 110 121230	-- --	-- --
		400	2	EKO 110 121240	-- --	-- --



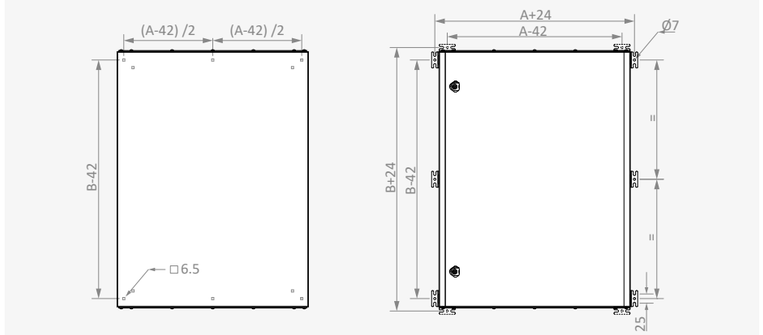



			Glazed Door	Glazed Door	Glazed Door	Pre-punched Door
			Mounting Plate	Mounting Plate	-- --	Mounting Plate
			-- --	Inner Door	Cover Plate	-- --
Width	Height	Depth	Reference	Reference	Reference	Reference
A	B	C				
mm	mm	mm				
200	300	150	---	-- --	---	---
300	300	150	EKO 210 030315	-- --	---	EKO 910 030315
		200	EKO 210 030320	EKO 212 030320	EKO 201 030320	EKO 910 030320
	400	150	EKO 210 030415	-- --	---	EKO 910 030415
		200	EKO 210 030420	EKO 212 030420	EKO 201 030420	EKO 910 030420
	500	200	EKO 210 030520	EKO 212 030520	EKO 201 030520	EKO 910 030520
400	300	150	EKO 210 040315	-- --	---	EKO 910 040315
	400	200	EKO 210 040420	EKO 212 040420	EKO 201 040420	EKO 910 040420
		250	EKO 210 040425	-- --	---	EKO 910 040425
	500	150	EKO 210 040515	-- --	---	EKO 910 040515
		200	EKO 210 040520	EKO 212 040520	EKO 201 040520	EKO 910 040520
		250	EKO 210 040525	-- --	---	EKO 910 040525
	600	200	EKO 210 040620	EKO 212 040620	EKO 201 040620	EKO 910 040620
		250	EKO 210 040625	-- --	---	EKO 910 040625
		300	EKO 210 040630	EKO 212 040630	EKO 201 040630	EKO 910 040630
	800	200	EKO 210 040820	EKO 212 040820	EKO 201 040820	EKO 910 040820
500	500	200	EKO 210 050520	EKO 212 050520	EKO 201 050520	EKO 910 050520
		250	EKO 210 050525	-- --	---	EKO 910 050525
	600	200	EKO 210 050620	EKO 212 050620	EKO 201 050620	EKO 910 050620
		250	EKO 210 050625	-- --	---	EKO 910 050625
	700	200	EKO 210 050720	EKO 212 050720	EKO 201 050720	EKO 910 050720
		250	EKO 210 050725	-- --	---	EKO 910 050725
		300	EKO 210 050730	EKO 212 050730	EKO 201 050730	EKO 910 050730
	800	200	EKO 210 050820	EKO 212 050820	EKO 201 050820	EKO 910 050820
600	400	200	EKO 210 060420	EKO 212 060420	EKO 201 060420	EKO 910 060420
	600	200	EKO 210 060620	EKO 212 060620	EKO 201 060620	EKO 910 060620
		250	EKO 210 060625	-- --	---	EKO 910 060625
		300	EKO 210 060630	EKO 212 060630	EKO 201 060630	EKO 910 060630
	800	200	EKO 210 060820	EKO 212 060820	EKO 201 060820	EKO 910 060820
		250	EKO 210 060825	-- --	---	EKO 910 060825
		300	EKO 210 060830	EKO 212 060830	EKO 201 060830	EKO 910 060830
	1000	200	EKO 210 061020	EKO 212 061020	EKO 201 061020	EKO 910 061020
		250	EKO 210 061025	-- --	---	EKO 910 061025
		300	EKO 210 061030	EKO 212 061030	EKO 201 061030	EKO 910 061030
	1200	250	EKO 210 061225	-- --	---	EKO 910 061225
		300	EKO 210 061230	EKO 212 061230	EKO 201 061230	EKO 910 061230
800	600	200	EKO 210 080620	EKO 212 080620	---	EKO 910 080620
		300	EKO 210 080630	EKO 212 080630	---	EKO 910 080630
	800	200	EKO 210 080820	EKO 212 080820	---	EKO 910 080820
		250	EKO 210 080825	-- --	---	EKO 910 080825
		300	EKO 210 080830	EKO 212 080830	---	EKO 910 080830
	1000	250	EKO 210 081025	-- --	---	EKO 910 081025
		300	EKO 210 081030	EKO 212 081030	---	EKO 910 081030
	1200	250	EKO 210 081225	-- --	---	EKO 910 081225
		300	EKO 210 081230	EKO 212 081230	---	EKO 910 081230
1000	600	300	---	-- --	---	EKO 910 100630
	1000	250	---	-- --	---	EKO 910 101025
		300	---	-- --	---	EKO 910 101030
	1200	250	---	-- --	---	EKO 910 101225
		300	---	-- --	---	EKO 910 101230
1200	1200	250	---	-- --	---	EKO 910 121225
		300	---	-- --	---	EKO 910 121230
		400	---	-- --	---	EKO 910 121240

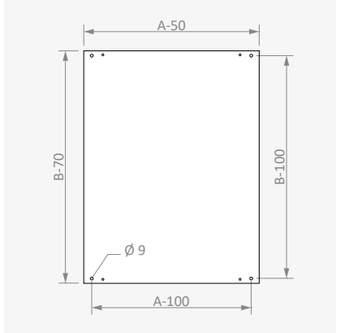




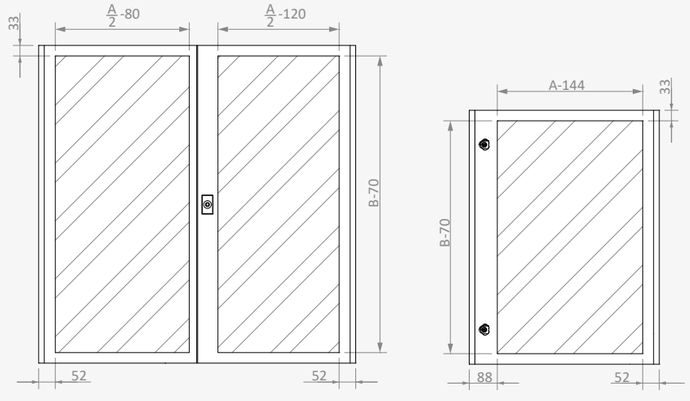
WALL MOUNTING



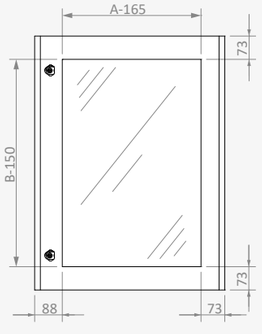
MOUNTING PLATE



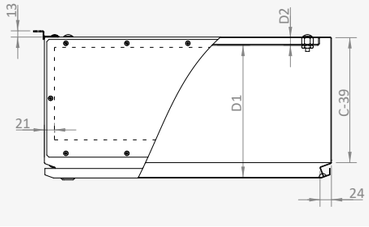
SOLID DOOR USEFUL AREA



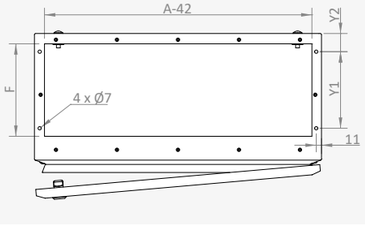
GLAZED DOOR APPARENT AREA



DEPTH DIMENSIONS



Width	Depth					
A	C	D1	D2	F	Y1	Y2
A < 600	150	129	13	59	45	23
	200	179	13	109	80	38
	300	279	13	193	160	38
A ≥ 600	200	176	16	109	80	38
	300	276	16	193	160	38



EKO
GENERAL DIMENSIONS
GENERAL PURPOSE ENCLOSURES

Width	Height	Depth	Reference	Useful Area			Glazed Door Apparent Area		Gland Plate			Wall Mounting						Mounting Plate	
				Door		Side						With Bracket				Internal			
												Side		Up/Down					
A	B	C		↔	↕	⇗	↔	↕	#	↔	⇗	↔	↕	↔	↕	↔	↕	↔	↕
mm	mm	mm		mm	mm	mm	mm	mm	pcs	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
200	300	150	EKO xxx 020315	56	230	101	-	-	2	160	60	224	258	158	324	158	258	150	230
300	300	150	EKO xxx 030315	156	230	101	135	150	2	260	60	324	258	258	324	258	258	250	230
		200	EKO xxx 030320	156	230	151	135	150	2	260	110	324	258	258	324	258	258	250	230
	400	150	EKO xxx 030415	156	330	101	135	250	2	260	60	324	358	258	424	258	358	250	330
		200	EKO xxx 030420	156	330	151	135	250	2	260	110	324	358	258	424	258	358	250	330
	500	200	EKO xxx 030520	156	430	151	135	350	2	260	110	324	458	258	524	258	458	250	430
400	300	150	EKO xxx 040315	256	230	101	235	150	2	360	60	424	258	358	324	358	258	350	230
	400	200	EKO xxx 040420	256	330	151	235	250	2	360	110	424	358	358	424	358	358	350	330
		250	EKO xxx 040425	256	330	201	235	250	2	360	110	424	358	358	424	358	358	350	330
	500	150	EKO xxx 040515	256	430	101	235	350	2	360	60	424	458	358	524	358	458	350	430
		200	EKO xxx 040520	256	430	151	235	350	2	360	110	424	458	358	524	358	458	350	430
		250	EKO xxx 040525	256	430	201	235	350	2	360	110	424	458	358	524	358	458	350	430
	600	200	EKO xxx 040620	256	530	151	235	450	2	360	110	424	558	358	624	358	558	350	530
		250	EKO xxx 040625	256	530	201	235	450	2	360	110	424	558	358	624	358	558	350	530
		300	EKO xxx 040630	256	530	251	235	450	2	360	194	424	558	358	624	358	558	350	530
	800	200	EKO xxx 040820	256	730	177	235	650	2	360	110	424	758	358	824	358	758	350	730
500	500	200	EKO xxx 050520	356	430	151	335	350	2	460	110	524	458	458	524	458	458	450	430
		250	EKO xxx 050525	356	430	201	335	350	2	460	110	524	458	458	524	458	458	450	430
	600	200	EKO xxx 050620	356	530	151	335	450	2	460	110	524	558	458	624	458	558	450	530
		250	EKO xxx 050625	356	530	201	335	450	2	460	110	524	558	458	624	458	558	450	530
	700	200	EKO xxx 050720	356	630	151	335	550	2	460	110	524	658	458	724	458	658	450	630
		250	EKO xxx 050725	356	630	201	335	550	2	460	110	524	658	458	724	458	658	450	630
		300	EKO xxx 050730	356	630	251	335	550	2	460	194	524	658	458	724	458	658	450	630
	800	200	EKO xxx 050820	356	730	177	335	650	2	460	110	524	758	458	824	458	758	450	730
600	400	200	EKO xxx 060420	456	330	149	435	250	2	560	110	624	358	558	424	558	358	550	330
	600	200	EKO xxx 060620	456	530	149	435	450	2	560	110	624	558	558	624	558	558	550	530
		250	EKO xxx 060625	456	530	149	435	450	2	560	110	624	558	558	624	558	558	550	530
		300	EKO xxx 060630	456	530	249	435	450	2	560	194	624	558	558	624	558	558	550	530
	800	200	EKO xxx 060820	456	730	149	435	650	2	560	110	624	758	558	824	558	758	550	730
		250	EKO xxx 060825	456	730	199	435	650	2	560	110	624	758	558	824	558	758	550	730
		300	EKO xxx 060830	456	730	249	435	650	2	560	194	624	758	558	824	558	758	550	730
	1000	200	EKO xxx 061020	456	930	149	435	850	2	560	110	624	958	558	1024	558	958	550	930
		250	EKO xxx 061025	456	930	199	435	850	2	560	110	624	958	558	1024	558	958	550	930
		300	EKO xxx 061030	456	930	249	435	850	2	560	194	624	958	558	1024	558	958	550	930
	1200	250	EKO xxx 061225	456	1130	199	435	1050	2	560	194	624	1158	558	1224	558	1158	550	1130
		300	EKO xxx 061230	456	1130	249	435	1050	2	560	194	624	1158	558	1224	558	1158	550	1130
800	600	200	EKO xxx 080620	656	530	149	635	450	2	760	110	824	558	758	624	758	558	750	530
		300	EKO xxx 080630	656	530	249	-	-	2	760	194	824	558	758	624	758	558	750	530
	800	200	EKO xxx 080820	656	730	149	-	-	2	760	110	824	758	758	824	758	758	750	730
		250	EKO xxx 080825	656	730	199	-	-	2	760	194	824	758	758	824	758	758	750	730
		300	EKO xxx 080830	656	730	249	-	-	2	760	194	824	758	758	824	758	758	750	730
	1000	250	EKO xxx 081025	656	930	199	635	850	2	760	194	824	958	758	1024	758	958	750	930
		300	EKO xxx 081030	656	930	249	635	850	2	760	194	824	958	758	1024	758	958	750	930
	1200	250	EKO xxx 081225	656	1130	199	635	1050	2	760	194	824	1158	758	1224	758	1158	750	1130
		300	EKO xxx 081230	656	1130	249	635	1050	2	760	194	824	1158	758	1224	758	1158	750	1130
1000	600	300	EKO xxx 106030	420 + 380	530	249	-	-	2	960	194	1024	558	958	624	479 + 479	558	950	530
	1000	250	EKO xxx 101025	419 + 380	929	199	-	-	2	960	194	1024	958	958	1024	479 + 479	958	950	930
		300	EKO xxx 101030	420 + 380	930	249	-	-	2	960	194	1024	958	958	1024	479 + 479	958	950	930
	1200	250	EKO xxx 101225	420 + 380	1130	199	-	-	2	1160	194	1024	1158	958	1224	479 + 479	1158	950	1130
		300	EKO xxx 101230	419 + 380	1130	199	-	-	2	960	194	1024	1158	958	1224	479 + 479	1158	950	1130
1200	1200	250	EKO xxx 121225	420 + 380	1130	249	-	-	2	960	194	1024	1158	1158	1224	579 + 579	1158	950	1130
		300	EKO xxx 121230	520 + 480	1130	249	-	-	2	1160	194	1224	1158	1158	1224	579 + 579	1158	1150	1130
		400	EKO xxx 121240	520 + 480	1130	349	-	-	2	1160	194	1224	1158	1158	1224	579 + 579	1158	1150	1130

WALL MOUNTED ENCLOSURES

Characteristics

Material

Sheet Steel (EN 10130 DC01)
- Body : 1.2 / 1.5 mm
- Door : 1.2 / 1.5 mm

Galvanized Steel (EN 10346 DX51D+Z)
- Mounting plate : 1.5 - 2 mm

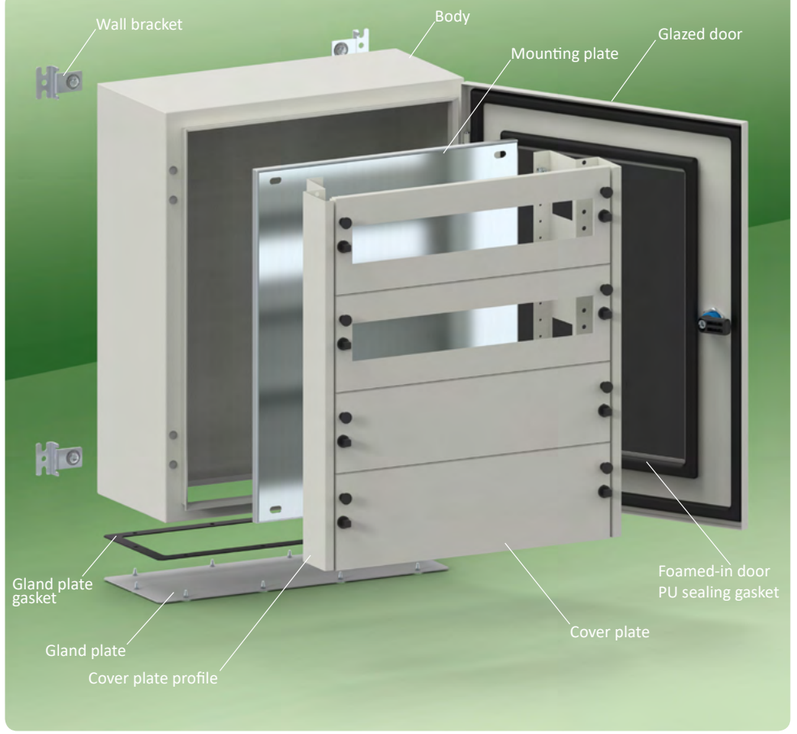
Surface Finishing
- RAL7035w powder coating

IP Rating
- IP65 (TS 3033, EN 60529)

Others
- Fully welded construction
- Solid / glazed door
- Foamed-in door PU sealing gasket
- 135° concealed hinges
- 5mm Double-bit insert polyamide lock
- Bottom gland plate
- One piece PE gasket for gland plate

On Request
- Special sizes
- Special colour
- Pre-punching





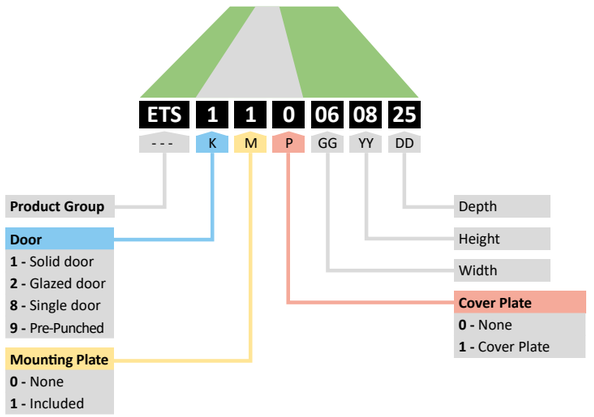
Supply Includes
- Body
- Door (Select ≈ K)
- Mounting plate (Option ≈ M)
- Cover plate set (Option ≈ P)
- Gland plate with gasket
- 4/6 pcs wall brackets

Complementary Accessories
- Rain canopy
- Support base
- DIN rail
- Cover plate and profiles
- Standoff
- Door inside mounting profile
- Pole fitting set
- Plastic cover plate
- Special locks and keys
- Earthing cable

Width A mm	Height B mm	Depth C mm	Reference	Door pcs	Lock Type *	Lock pcs	Hinge pcs	Wall Bracket pcs	Weight ** kg	Application Options: Glazed Door Y / N	Cover Plate System Y / N	Standard Cover Plate Set Y / N	Rain Canopy Y / N	Support Base Y / N
300	300	150	ETS xxx 030315	1	C	1	2	4	6,5	✓	–	–	✓	✓
		200	ETS xxx 030320	1	C	1	2	4	7,4	✓	✓	✓	✓	✓
	400	150	ETS xxx 030415	1	C	1	2	4	8,2	✓	–	–	✓	✓
		200	ETS xxx 030420	1	C	1	2	4	9,0	✓	✓	✓	✓	✓
	500	200	ETS xxx 030520	1	C	1	2	4	10,9	✓	✓	✓	✓	✓
400	400	200	ETS xxx 040420	1	C	1	2	4	11,2	✓	✓	✓	✓	✓
	500	200	ETS xxx 040520	1	C	1	2	4	13,4	✓	✓	✓	✓	✓
	600	200	ETS xxx 040620	1	C	2	2	4	14,8	✓	✓	✓	✓	✓
		250	ETS xxx 040625	1	C	2	2	4	16,7	✓	✓	–	✓	✓
500	500	200	ETS xxx 050520	1	C	1	2	4	16,0	✓	✓	✓	✓	✓
	700	200	ETS xxx 050720	1	C	2	3	4	21,2	✓	✓	✓	✓	✓
		250	ETS xxx 050725	1	C	2	3	4	22,9	✓	✓	–	✓	✓
600	600	200	ETS xxx 060620	1	C	2	2	4	22,1	✓	✓	✓	✓	✓
	800	200	ETS xxx 060820	1	C	2	3	4	28,0	✓	✓	✓	✓	✓
		250	ETS xxx 060825	1	C	2	3	4	29,5	✓	✓	–	✓	✓
	1000	200	ETS xxx 061020	1	C	2	3	4	34,6	✓	✓	✓	✓	✓
		250	ETS xxx 061025	1	C	2	3	4	37,0	✓	✓	–	✓	✓
800	800	200	ETS xxx 080820	1	C	2	3	4	35,2	✓	–	–	✓	✓
	1000	300	ETS xxx 081030	1	C	2	4	4	49,5	✓	–	–	✓	✓

* C: Quarter Turn

** For ETS 110 GG YY DD







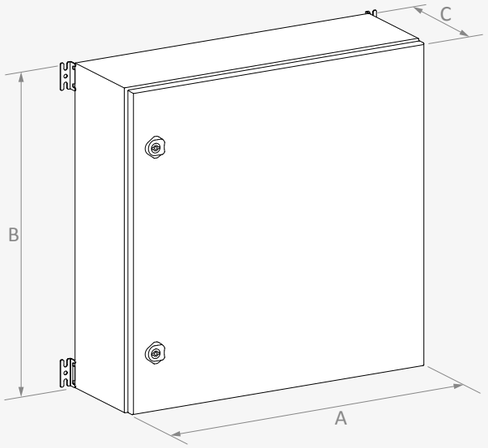
			K →	Solid Door	Solid Door
			M →	Mounting Plate	-- --
			P →	-- --	Cover Plate
Width	Height	Depth	Door	Reference	Reference
A	B	C			
mm	mm	mm	pcs		
300	300	150	1	ETS 110 030315	-- --
		200	1	ETS 110 030320	ETS 101 030320
	400	150	1	ETS 110 030415	-- --
		200	1	ETS 110 030420	ETS 101 030420
	500	200	1	ETS 110 030520	ETS 101 030520
400	400	200	1	ETS 110 040420	ETS 101 040420
	500	200	1	ETS 110 040520	ETS 101 040520
	600	200	1	ETS 110 040620	ETS 101 040620
		250	1	ETS 110 040625	-- --
500	500	200	1	ETS 110 050520	ETS 101 050520
	700	200	1	ETS 110 050720	ETS 101 050720
		250	1	ETS 110 050725	-- --
600	600	200	1	ETS 110 060620	ETS 101 060620
	800	200	1	ETS 110 060820	ETS 101 060820
		250	1	ETS 110 060825	-- --
	1000	200	1	ETS 110 061020	ETS 101 061020
		250	1	ETS 110 061025	-- --
800	800	200	1	ETS 110 080820	-- --
	1000	300	1	ETS 110 081030	-- --



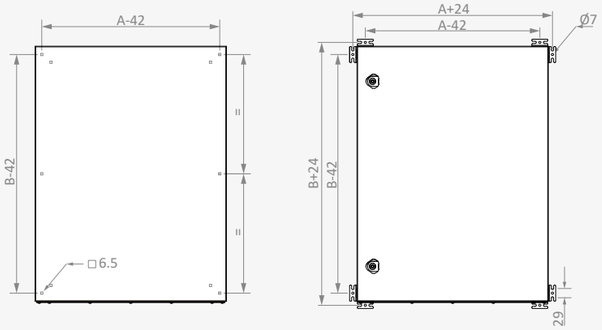




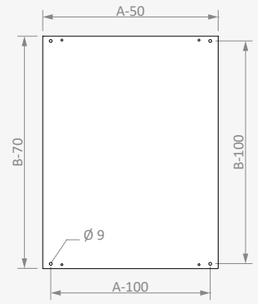
Glazed Door	Glazed Door	Pre-Punched Door
Mounting Plate	-- --	Mounting Plate
-- --	Cover Plate	-- --
Reference	Reference	Reference
ETS 210 030315	-- --	ETS 910 030315
ETS 210 030320	ETS 201 030320	ETS 910 030320
ETS 210 030415	-- --	ETS 910 030415
ETS 210 030420	ETS 201 030420	ETS 910 030420
ETS 210 030520	ETS 201 030520	ETS 910 030520
ETS 210 040420	ETS 201 040420	ETS 910 040420
ETS 210 040520	ETS 201 040520	ETS 910 040520
ETS 210 040620	ETS 201 040620	ETS 910 040620
ETS 210 040625	-- --	ETS 910 040625
ETS 210 050520	ETS 201 050520	ETS 910 050520
ETS 210 050720	ETS 201 050720	ETS 910 050720
ETS 210 050725	-- --	ETS 910 050725
ETS 210 060620	ETS 201 060620	ETS 910 060620
ETS 210 060820	ETS 201 060820	ETS 910 060820
ETS 210 060825	-- --	ETS 910 060825
ETS 210 061020	ETS 201 061020	ETS 910 061020
ETS 210 061025	-- --	ETS 910 061025
ETS 210 080820	-- --	ETS 910 080820
ETS 210 081030	-- --	ETS 910 081030



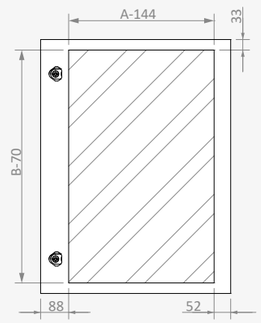
WALL MOUNTING



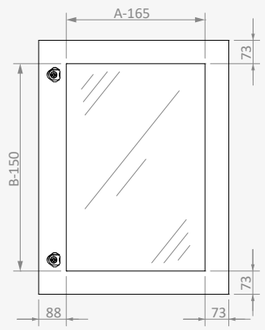
MOUNTING PLATE



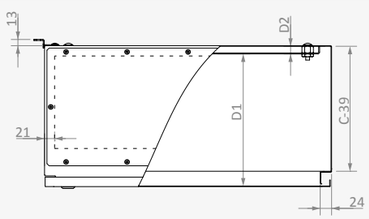
SOLID DOOR USEFUL AREA



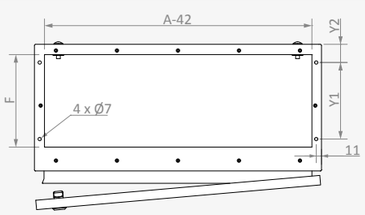
GLAZED DOOR APPARENT AREA



DEPTH DIMENSIONS



Width	Depth					
A	C	D1	D2	F	Y1	Y2
A < 600	150	129	13	59	45	23
	200	179	13	109	80	38
	300	279	13	193	160	38
A ≥ 600	200	176	16	109	80	38
	300	276	16	193	160	38



Width	Height	Depth	Reference	Useful Area			Glazed Door Apparent Area		Gland Plate			Wall Mounting						Mounting Plate	
				Door		Side						With Bracket				Internal			
												Side		Up/Down					
A	B	C		↔	↕	⇗	↔	↕	#	↔	⇗	↔	↕	↔	↕	↔	↕	↔	↕
mm	mm	mm		mm	mm	mm	mm	mm	pcs	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
300	300	150	ETS xxx 030315	156	230	127	135	150	1	260	60	324	258	258	324	258	258	250	230
		200	ETS xxx 030320	156	230	177	135	150	1	260	110	324	258	258	324	258	258	250	230
	400	150	ETS xxx 030415	156	330	127	135	250	1	260	60	324	358	258	424	258	358	250	330
		200	ETS xxx 030420	156	330	177	135	250	1	260	110	324	358	258	424	258	358	250	330
	500	200	ETS xxx 030520	156	430	177	135	350	1	260	110	324	458	258	524	258	458	250	430
400	400	200	ETS xxx 040420	256	330	177	235	250	1	360	110	424	358	358	424	358	358	350	330
	500	200	ETS xxx 040520	256	430	177	235	350	1	360	110	424	458	358	524	358	458	350	430
	600	200	ETS xxx 040620	256	530	177	235	450	1	360	110	424	558	358	624	358	558	350	530
		250	ETS xxx 040625	256	530	227	235	450	1	360	160	424	558	358	624	358	558	350	530
500	500	200	ETS xxx 050520	356	430	177	335	350	1	460	110	524	458	458	524	458	458	450	430
	700	200	ETS xxx 050720	356	630	177	335	550	1	460	110	524	658	458	724	458	658	450	630
		250	ETS xxx 050725	356	630	227	335	550	1	460	160	524	658	458	724	458	658	450	630
600	600	200	ETS xxx 060620	456	530	177	435	450	1	560	110	624	558	558	624	558	558	550	530
	800	200	ETS xxx 060820	456	730	177	435	650	1	560	110	624	758	558	824	558	758	550	730
		250	ETS xxx 060825	456	730	227	435	650	1	560	160	624	758	558	824	558	758	550	730
	1000	200	ETS xxx 061020	456	930	177	435	850	1	560	110	624	958	558	1024	558	958	550	930
		250	ETS xxx 061025	456	930	227	435	850	1	560	160	624	958	558	1024	558	958	550	930
800	800	200	ETS xxx 080820	656	730	177	635	650	1	760	110	824	758	758	824	758	758	750	730
	1000	300	ETS xxx 081030	656	930	277	635	850	1	760	210	824	958	758	1024	758	958	750	930

Characteristics

Material

Sheet Steel (EN 10130 DC01)
- Body : 1.5 mm
- Door : 1.5 mm

Galvanized Steel (EN 10346 DX51D+Z)
- Mounting plate : 2 mm

Surface Finishing
- RAL7035w powder coating

IP Rating

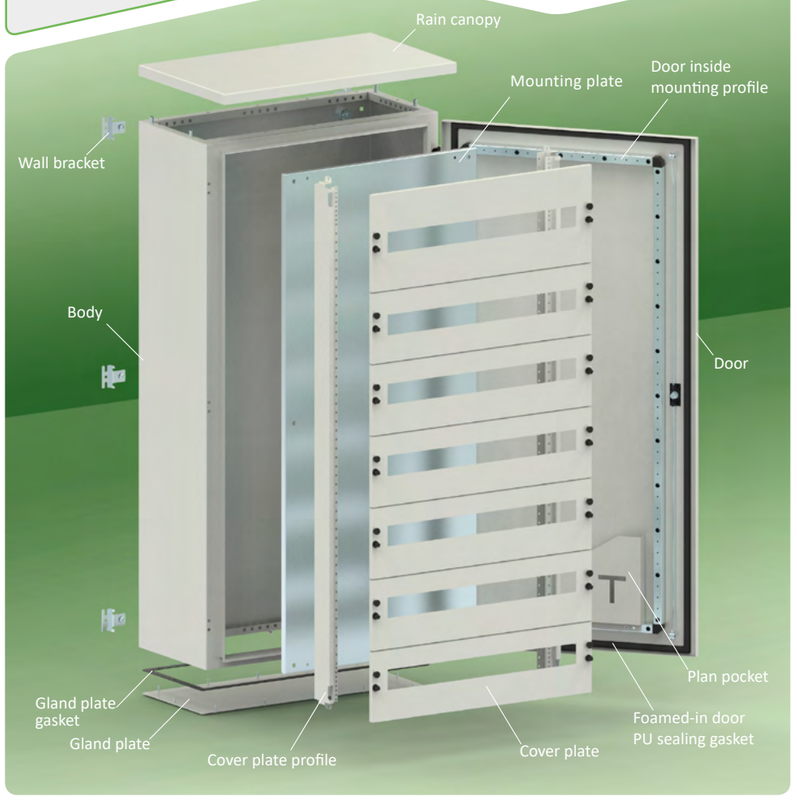
Single door enclosures
- IP65 (TS 3033, EN 60529)

Double door enclosures
- IP55 (TS 3033, EN 60529)

Others
- Fully welded construction
- Solid door
- Foamed-in door PU sealing gasket
- Bottom gland plate



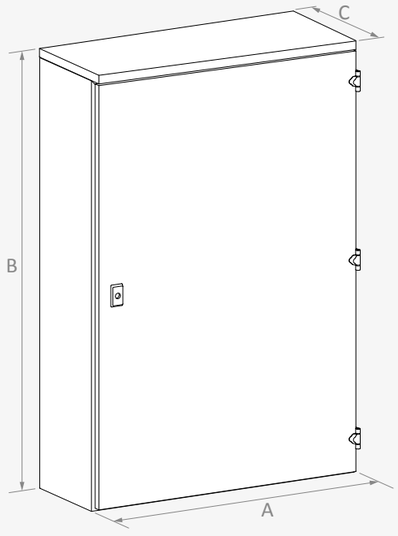
On Request
- Special sizes
- Special colour
- Pre-punching



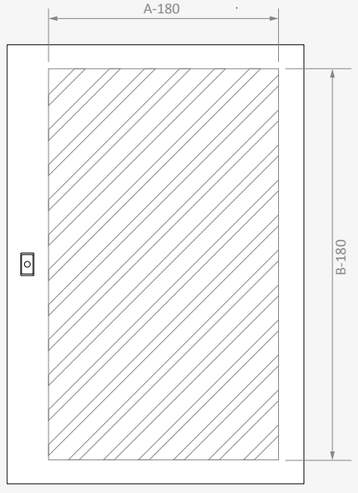
Supply Includes
- Body
- Door
- Rain canopy
- Mounting plate
- 4/6 pcs wall brackets
- Gland plate with gasket

Complementary Accessories
- Support base
- Cover plate and profiles
- Standoff
- Door inside mounting profile
- Plan pocket
- Special locks and keys
- Earthing cable
- Plastic cover plate

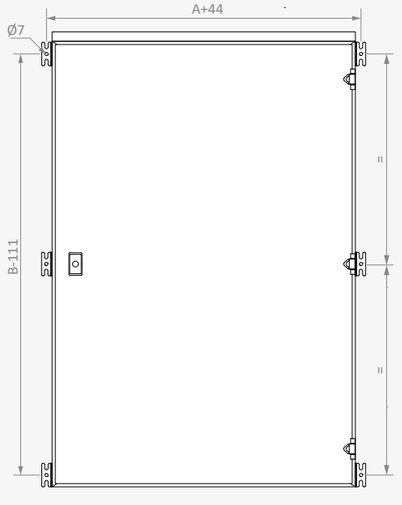
Width A mm	Height B mm	Depth C mm	Reference	Door pcs	Hinge pcs	Wall Bracket pcs	Door Useful Area ↔ mm	Door Useful Area ↕ mm	Gland Plate pcs	Gland Plate ↔ mm	Gland Plate ↕ mm	Wall Mounting ↔ mm	Wall Mounting ↕ mm	Mounting Plate ↔ mm	Mounting Plate ↕ mm
600	1200	250	EDT 061225	1	3	6	420	1020	1	560	113	644	1089	496	1116
		300	EDT 061230	1	3	6	420	1020	1	560	203	644	1089	496	1116
	1400	250	EDT 061425	1	3	6	420	1220	1	560	113	644	1289	496	1316
		300	EDT 061430	1	3	6	420	1220	1	560	203	644	1289	496	1316
	1600	250	EDT 061625	1	3	6	420	1420	1	560	113	644	1489	496	1516
800	1200	250	EDT 081225	1	3	6	620	1020	1	760	113	844	1089	696	1116
		300	EDT 081230	1	3	6	620	1020	1	760	203	844	1089	696	1116
	1400	250	EDT 081425	1	3	6	620	1220	1	760	113	844	1289	696	1316
		300	EDT 081430	1	3	6	620	1220	1	760	203	844	1289	696	1316
	1600	250	EDT 081625	1	3	6	620	1420	1	760	113	844	1489	696	1516
1000	1200	300	EDT 101230	2	6	6	320 + 320	1020	1	960	203	1044	1089	896	1116
	1400	300	EDT 101430	2	6	6	320 + 320	1220	1	960	203	1044	1289	896	1316



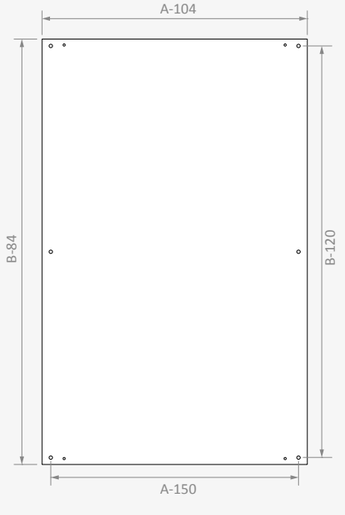
DOOR USEFUL AREA



WALL MOUNTING



MOUNTING PLATE



Characteristics

Material

Stainless Steel 430 (EN 10088 1.4016)
- Body : 1.2 mm
- Door : 1.2 mm

Galvanized Steel (EN 10346 DX51D+Z)
- Mounting plate : 1.5 mm

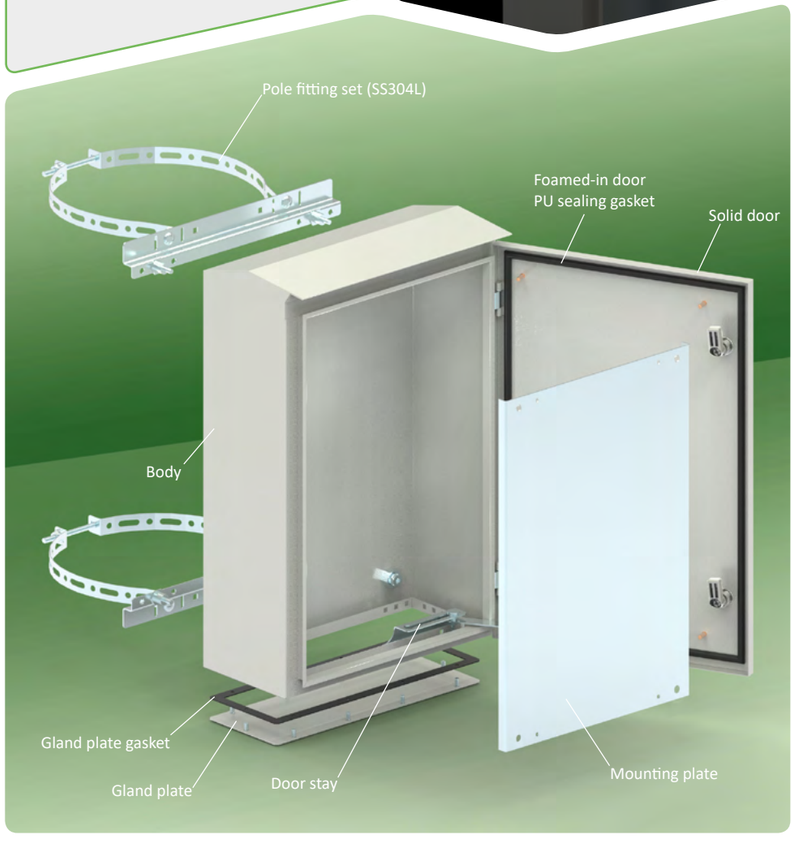
Surface Finishing
- RAL7035w powder coating

IP Rating
- IP66 (TS 3033, EN 60529)

Others
- Fully welded construction
- Solid door
- Foamed-in door PU sealing gasket
- 135° concealed hinges
- 5mm Double-bit insert chrome coated zamak lock
- Bottom gland plate
- Door stay



On Request
- Special sizes
- Special colour
- Pre-punching

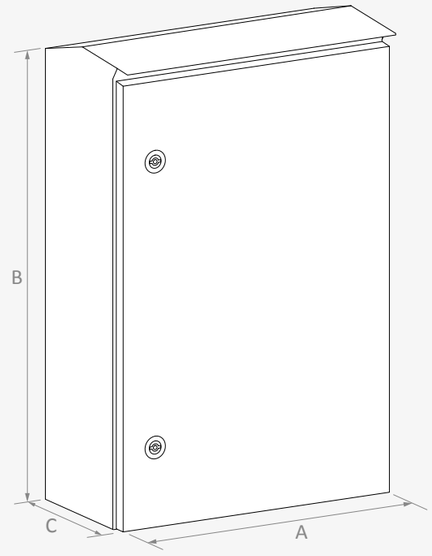


Supply Includes
- Body
- Door
- Mounting plate
- Door stay
- Gland plate with gasket

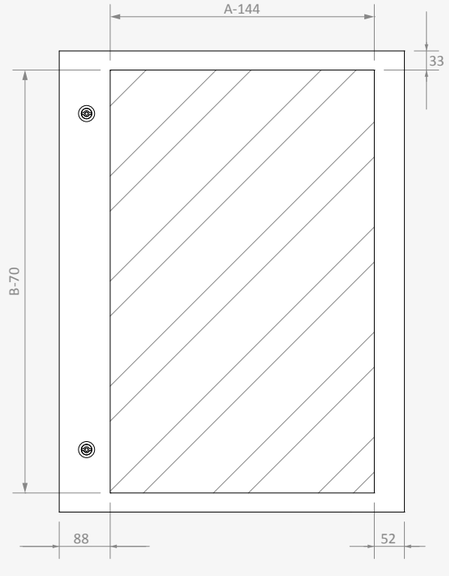
Complementary Accessories
- Cover plate and profiles
- Standoff
- Door inside mounting profile
- Special locks and keys
- Earthing cable
- Pole fitting set

Width	Height	Depth	Reference	Lock Type	Lock	Hinge	Useful Area			Cable Gland			Mounting Plate	
							Door		Depth					
A	B	C					↔	↕	⤢		↔	⤢	↔	↕
mm	mm	mm		*	pcs	pcs	mm	mm	mm	pcs	mm	mm	mm	mm
300	400	200	HDS 030420	C	1	2	156	330	177	1	260	110	250	330
400	600	200	HDS 040620	C	2	2	256	530	177	1	360	110	350	530
500	700	200	HDS 050720	C	2	3	356	630	177	1	460	110	450	630
600	600	200	HDS 060620	C	2	2	456	530	177	1	560	110	550	530
	800	250	HDS 060825	C	2	3	456	730	227	1	560	110	550	730

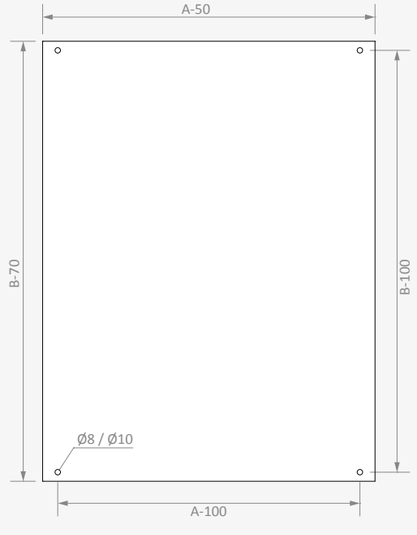
* C: Quarter Turn



DOOR USEFUL AREA



MOUNTING PLATE



Characteristics

Material

Sheet Steel (EN 10130 DC01)
- Body : 1.2 / 1.5 mm
- Door : 1.2 / 1.5 mm

Galvanized Steel (EN 10346 DX51D+Z)
- Mounting plate : 1.5 mm

Surface Finishing
- RAL7035w powder coating

Others
- Fully welded construction
- Solid + glazed door
- Foamed-in door PU sealing gasket
- 135° concealed hinges
- 5mm Double-bit insert polyamide lock
- Top and bottom brushed cable entry plates



On Request
- Special sizes
- Special colour
- Pre-punching

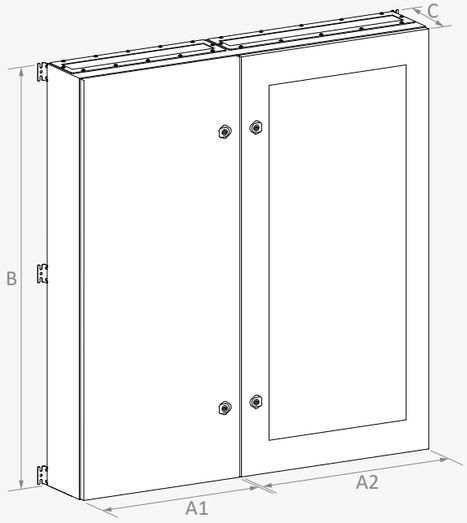


Supply Includes
- Body
- Door
- Incoming mounting plate
- Distribution cover plate set
- 4 pcs brushed cable entry plate
- 4/6 pcs wall brackets

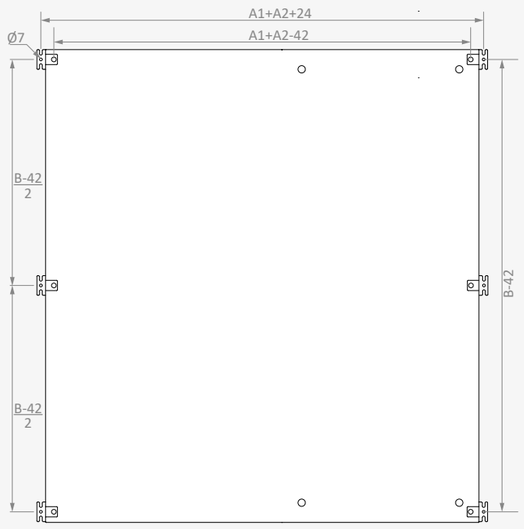
Complementary Accessories
- DIN rail
- Door inside mounting profile
- Plastic cover plate
- Special locks and keys
- Earthing cable

Incoming Width	Distribution Width	Height	Depth	Reference	Door	Lock Type	Lock	Hinge	Wall Bracket	Incoming Mounting Plate ↔	Incoming Mounting Plate ↕	Distribution Cover Plate	Distribution Cover Capacity	Distribution Total Capacity
A1	A2	B	C											
mm	mm	mm	mm		pcs	*	pcs	pcs	pcs	mm	mm	pcs	Module*	Module*
400	600	600	200	KDS 04060620	1+1	C	2 + 2	2 + 2	4	350	530	3	29	87
		800	200	KDS 04060820	1+1	C	2 + 2	3 + 3	6	350	730	4	29	116
		1000	200	KDS 04061020	1+1	C	2 + 2	3 + 3	6	350	930	5	29	145
		1200	200	KDS 04061220	1+1	C	2 + 2	4 + 4	6	350	1130	6	29	174
	800	600	200	KDS 04080620	1+1	C	2 + 2	2 + 2	4	350	530	3	39	117
		800	200	KDS 04080820	1+1	C	2 + 2	3 + 3	6	350	730	4	39	156
		1000	200	KDS 04081020	1+1	C	2 + 2	3 + 3	6	350	930	5	39	195
		1200	200	KDS 04081220	1+1	C	2 + 2	4 + 4	6	350	1130	6	39	234
600	600	600	200	KDS 06060620	1+1	C	2 + 2	2 + 2	4	550	530	3	29	87
		800	200	KDS 06060820	1+1	C	2 + 2	3 + 3	6	550	730	4	29	116
		1000	200	KDS 06061020	1+1	C	2 + 2	3 + 3	6	550	930	5	29	145
		1200	200	KDS 06061220	1+1	C	2 + 2	4 + 4	6	550	1130	6	29	174
	800	600	200	KDS 06080620	1+1	C	2 + 2	2 + 2	4	550	530	3	39	117
		800	200	KDS 06080820	1+1	C	2 + 2	3 + 3	6	550	730	4	39	156
		1000	200	KDS 06081020	1+1	C	2 + 2	3 + 3	6	550	930	5	39	195
		1200	200	KDS 06081220	1+1	C	2 + 2	4 + 4	6	550	1130	6	39	234

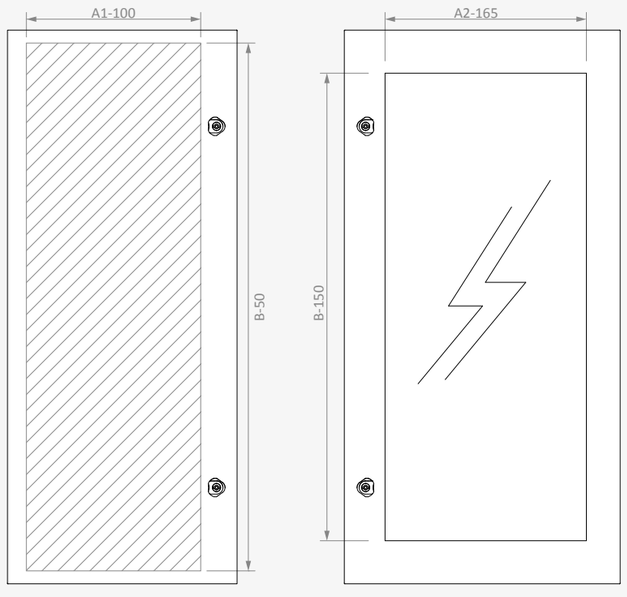
* C: Quarter Turn



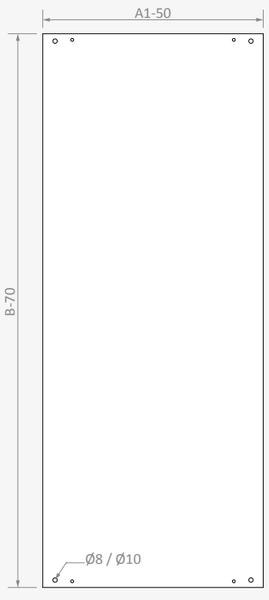
WALL MOUNTING



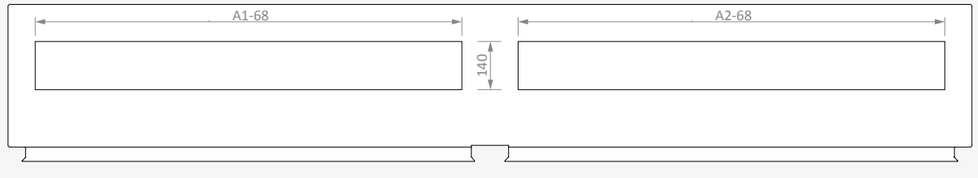
SOLID DOOR USEFUL AREA / GLAZED DOOR APPARENT AREA



MOUNTING PLATE



BRUSHED CABLE ENTRY



KDS GENERAL DIMENSIONS DISTRIBUTION SWITCHBOARDS

Incoming Width	Distribution Width	Height	Depth	Reference	Useful Area				Glazed Door		Gland Plate				Wall Mounting			
					Incoming Solid Door		Distribution Solid Door		Apparent Area		Incoming		Distribution		With Bracket		Internal	
A1	A2	B	C		↔	↕	↔	↕	↔	↕	#	↔	↔	⬈	↔	↕	↔	↕
mm	mm	mm	mm		mm	mm	mm	mm	mm	mm	pcs	mm	mm	mm	mm	mm	mm	mm
400	600	600	200	KDS 04060620	300	550	500	550	435	450	2 / 2	332	532	140	1024	558	958	558
		800	200	KDS 04060820	300	750	500	750	435	650	2 / 2	332	532	140	1024	758	958	758
		1000	200	KDS 04061020	300	950	500	950	435	850	2 / 2	332	532	140	1024	958	958	958
		1200	200	KDS 04061220	300	1150	500	1150	435	1050	2 / 2	332	532	140	1024	1158	958	1158
	800	600	200	KDS 04080620	300	550	700	550	635	450	2 / 2	332	732	140	1224	558	1158	558
		800	200	KDS 04080820	300	750	700	750	635	650	2 / 2	332	732	140	1224	758	1158	758
		1000	200	KDS 04081020	300	950	700	950	635	850	2 / 2	332	732	140	1224	958	1158	958
		1200	200	KDS 04081220	300	1150	700	1150	635	1050	2 / 2	332	732	140	1224	1158	1158	1158
600	600	600	200	KDS 06060620	500	550	500	550	435	450	2 / 2	532	532	140	1224	558	958	558
		800	200	KDS 06060820	500	750	500	750	435	650	2 / 2	532	532	140	1224	758	958	758
		1000	200	KDS 06061020	500	950	500	950	435	850	2 / 2	532	532	140	1224	958	958	958
		1200	200	KDS 06061220	500	1150	500	1150	435	1050	2 / 2	532	532	140	1224	1158	958	1158
	800	600	200	KDS 06080620	500	550	700	550	635	450	2 / 2	532	732	140	1424	558	1158	558
		800	200	KDS 06080820	500	750	700	750	635	650	2 / 2	532	732	140	1424	758	1158	758
		1000	200	KDS 06081020	500	950	700	950	635	850	2 / 2	532	732	140	1424	958	1158	958
		1200	200	KDS 06081220	500	1150	700	1150	635	1050	2 / 2	532	732	140	1424	1158	1158	1158

WALL MOUNTED ENCLOSURES

Characteristics

Material

Galvanized Steel (EN 10346 DX51D+Z)

- Body : 1.5 mm
- Door : 1.5 mm
- Mounting plate : 1.5 mm

Surface Finishing

- RAL7035w powder coated outer surface

IP Rating

- IP65 (TS 3033, EN 60529)

Others

- Solid door
- EMC gasket in door
- Conductive interior surface
- 135° concealed hinges
- 5mm Double-bit insert chrome coated zamak lock



On Request

- Special sizes
- Special colour
- Pre-punching
- Special mounting plate



Supply Includes

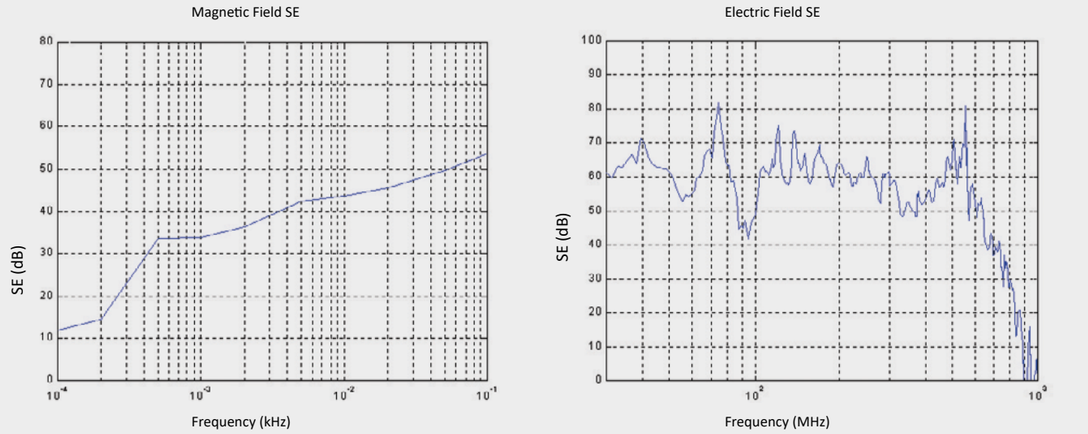
- Body
- EMC gasketed sealed door
- Mounting plate
- 4 pcs wall brackets

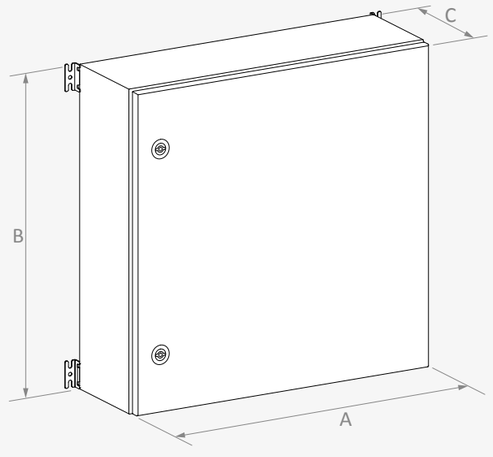
Complementary Accessories

- DIN rail
- Door inside mounting profile
- Earthing cable

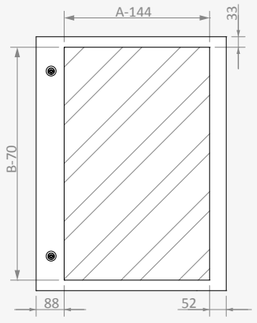
Width	Height	Depth	Reference	Door	Lock Type	Lock	Hinge	Wall Brackets	Wall Mounting		Mounting Plate		Weight
A	B	C							↔	↕	↔	↕	
mm	mm	mm		pcs	*	pcs	pcs	pcs	mm	mm	mm	mm	kg
400	400	200	ESE 040420	1	C	1	2	4	424	358	350	330	9.3
	600	200	ESE 040620	1	C	2	2	4	424	558	350	530	12.7
600	600	200	ESE 060620	1	C	2	2	4	624	558	550	530	16.1
	1000	300	ESE 061030	1	C	2	3	6	624	958	550	930	28.1

Shielding Effectiveness (SE)

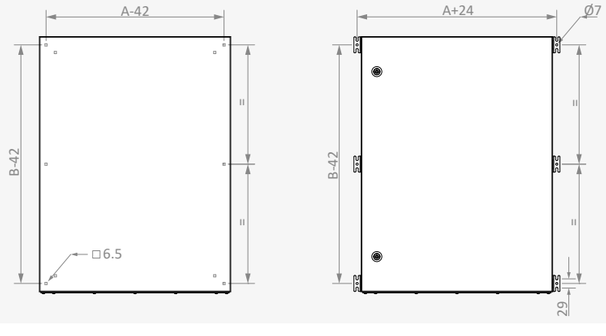




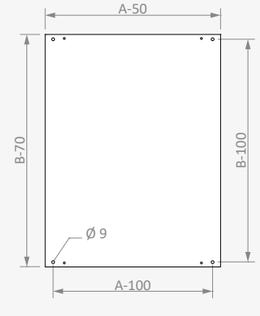
SOLID DOOR USEFUL AREA



WALL MOUNTING



MOUNTING PLATE



Characteristics

Material

Sheet Steel (EN 10130 DC01)
- Frame : 1.5 mm
- Panel : 1.5 mm
- Door : 2 mm
- Plinth : 2 mm

Galvanized Steel (EN 10346 DX51D+Z)
- Mounting plate : 2 mm

Surface Finishing
- RAL7035w powder coating

IP Rating
- IP55 (TS 3033, EN 60529)

Others
- Welded frame construction
- Foamed-in door/rear panel PU sealing gasket
- Swing-handle polyamide lock (3 points locking, 333 key)
- Door and panel options for rear side
- Multiple mounting plate possibility
- The modular construction can be join
- Removable side panels
- Plinth and cover options



On Request
- Special sizes
- Special colour
- Pre-punching
- Flat pack options



Supply Includes
- Front and rear frame
- Door (Select ≈ K)
- Rear panel (Select ≈ K)
- Mounting plate (Option ≈ M)
- Plinth (Option ≈ P)
- Top cover
- 4/6 pcs side rails

Complementary Accessories
- Side panel
- Eye bolt
- Rain canopy
- Cover plate and profiles
- Hinged cover plate
- Short mounting plate
- Partial mounting plate
- Infill mounting plate
- Carriage depth slide and support
- Partition profile
- L, U and Z profiles
- L and Z brackets
- Busbar & depth profile
- Ladder busbar profile
- Joining set
- Adjustable / pull out perforated shelf
- Plan pocket
- Plastic cover plate
- Earthing cable
- Door inside mounting profile
- 19" upright profiles
- Swing frame

Width A	Height B	Depth C	Reference	Door pcs	Hinge pcs	Glazed Door Y / N
mm	mm	mm		pcs	pcs	Y / N
400	600	400	AS xxx 040640	1	2	✓
		500	AS xxx 040650	1	2	✓
		600	AS xxx 040660	1	2	✓
		800	AS xxx 040680	1	2	✓
	800	400	AS xxx 040840	1	2	✓
		500	AS xxx 040850	1	2	✓
		600	AS xxx 040860	1	2	✓
		800	AS xxx 040880	1	2	✓
	1000	400	AS xxx 041040	1	2	✓
		500	AS xxx 041050	1	2	✓
		600	AS xxx 041060	1	2	✓
		800	AS xxx 041080	1	2	✓
	1200	400	AS xxx 041240	1	2	✓
		500	AS xxx 041250	1	2	✓
		600	AS xxx 041260	1	2	✓
		800	AS xxx 041280	1	2	✓
	1400	400	AS xxx 041440	1	3	✓
		500	AS xxx 041450	1	3	✓
		600	AS xxx 041460	1	3	✓
		800	AS xxx 041480	1	3	✓
	1600	400	AS xxx 041640	1	3	✓
		500	AS xxx 041650	1	3	✓
		600	AS xxx 041660	1	3	✓
		800	AS xxx 041680	1	3	✓
	1800	400	AS xxx 041840	1	3	✓
		500	AS xxx 041850	1	3	✓
		600	AS xxx 041860	1	3	✓
		800	AS xxx 041880	1	3	✓
	2000	400	AS xxx 042040	1	3	✓
		500	AS xxx 042050	1	3	✓
		600	AS xxx 042060	1	3	✓
		800	AS xxx 042080	1	3	✓
600	600	400	AS xxx 060640	1	2	✓
		500	AS xxx 060650	1	2	✓
		600	AS xxx 060660	1	2	✓
		800	AS xxx 060680	1	2	✓
	800	400	AS xxx 060840	1	2	✓
		500	AS xxx 060850	1	2	✓
		600	AS xxx 060860	1	2	✓
		800	AS xxx 060880	1	2	✓
	1000	400	AS xxx 061040	1	2	✓
		500	AS xxx 061050	1	2	✓
		600	AS xxx 061060	1	2	✓
		800	AS xxx 061080	1	2	✓
	1200	400	AS xxx 061240	1	2	✓
		500	AS xxx 061250	1	2	✓
		600	AS xxx 061260	1	2	✓
		800	AS xxx 061280	1	2	✓
	1400	400	AS xxx 061440	1	3	✓
		500	AS xxx 061450	1	3	✓
		600	AS xxx 061460	1	3	✓
		800	AS xxx 061480	1	3	✓
	1600	400	AS xxx 061640	1	3	✓
		500	AS xxx 061650	1	3	✓
		600	AS xxx 061660	1	3	✓
		800	AS xxx 061680	1	3	✓
	1800	400	AS xxx 061840	1	3	✓
		500	AS xxx 061850	1	3	✓
		600	AS xxx 061860	1	3	✓
		800	AS xxx 061880	1	3	✓
	2000	400	AS xxx 062040	1	3	✓
		500	AS xxx 062050	1	3	✓
		600	AS xxx 062060	1	3	✓
		800	AS xxx 062080	1	3	✓

Width A	Height B	Depth C	Reference	Door pcs	Hinge pcs	Glazed Door Y / N
mm	mm	mm		pcs	pcs	Y / N
800	600	400	AS xxx 080640	1	2	✓
		500	AS xxx 080650	1	2	✓
		600	AS xxx 080660	1	2	✓
		800	AS xxx 080680	1	2	✓
	800	400	AS xxx 080840	1	2	✓
		500	AS xxx 080850	1	2	✓
		600	AS xxx 080860	1	2	✓
		800	AS xxx 080880	1	2	✓
	1000	400	AS xxx 081040	1	2	✓
		500	AS xxx 081050	1	2	✓
		600	AS xxx 081060	1	2	✓
		800	AS xxx 081080	1	2	✓
	1200	400	AS xxx 081240	1	2	✓
		500	AS xxx 081250	1	2	✓
		600	AS xxx 081260	1	2	✓
		800	AS xxx 081280	1	2	✓
	1400	400	AS xxx 081440	1	3	✓
		500	AS xxx 081450	1	3	✓
		600	AS xxx 081460	1	3	✓
		800	AS xxx 081480	1	3	✓
	1600	400	AS xxx 081640	1	3	✓
		500	AS xxx 081650	1	3	✓
		600	AS xxx 081660	1	3	✓
		800	AS xxx 081680	1	3	✓
	1800	400	AS xxx 081840	1	3	✓
		500	AS xxx 081850	1	3	✓
		600	AS xxx 081860	1	3	✓
		800	AS xxx 081880	1	3	✓
	2000	400	AS xxx 082040	1	3	✓
		500	AS xxx 082050	1	3	✓
		600	AS xxx 082060	1	3	✓
		800	AS xxx 082080	1	3	✓
1000	600	400	AS xxx 100640	2	2+2	–
		500	AS xxx 100650	2	2+2	–
		600	AS xxx 100660	2	2+2	–
		800	AS xxx 100680	2	2+2	–
	800	400	AS xxx 100840	2	2+2	–
		500	AS xxx 100850	2	2+2	–
		600	AS xxx 100860	2	2+2	–
		800	AS xxx 100880	2	2+2	–
	1000	400	AS xxx 101040	2	2+2	–
		500	AS xxx 101050	2	2+2	–
		600	AS xxx 101060	2	2+2	–
		800	AS xxx 101080	2	2+2	–
	1200	400	AS xxx 101240	2	2+2	–
		500	AS xxx 101250	2	2+2	–
		600	AS xxx 101260	2	2+2	–
		800	AS xxx 101280	2	2+2	–
	1400	400	AS xxx 101440	2	3+3	–
		500	AS xxx 101450	2	3+3	–
		600	AS xxx 101460	2	3+3	–
		800	AS xxx 101480	2	3+3	–
	1600	400	AS xxx 101640	2	3+3	–
		500	AS xxx 101650	2	3+3	–
		600	AS xxx 101660	2	3+3	–
		800	AS xxx 101680	2	3+3	–
	1800	400	AS xxx 101840	2	3+3	✓
		500	AS xxx 101850	2	3+3	✓
		600	AS xxx 101860	2	3+3	✓
		800	AS xxx 101880	2	3+3	✓
	2000	400	AS xxx 102040	2	3+3	✓
		500	AS xxx 102050	2	3+3	✓
		600	AS xxx 102060	2	3+3	✓
		800	AS xxx 102080	2	3+3	✓

Width A	Height B	Depth C	Reference	Door pcs	Hinge pcs	Glazed Door Y / N
mm	mm	mm		pcs	pcs	Y / N
1200	600	400	AS xxx 120640	2	2+2	–
		500	AS xxx 120650	2	2+2	–
		600	AS xxx 120660	2	2+2	–
		800	AS xxx 120680	2	2+2	–
	800	400	AS xxx 120840	2	2+2	–
		500	AS xxx 120850	2	2+2	–
		600	AS xxx 120860	2	2+2	–
		800	AS xxx 120880	2	2+2	–
	1000	400	AS xxx 121040	2	2+2	–
		500	AS xxx 121050	2	2+2	–
		600	AS xxx 121060	2	2+2	–
		800	AS xxx 121080	2	2+2	–
	1200	400	AS xxx 121240	2	2+2	–
		500	AS xxx 121250	2	2+2	–
		600	AS xxx 121260	2	2+2	–
		800	AS xxx 121280	2	2+2	–
	1400	400	AS xxx 121440	2	3+3	–
		500	AS xxx 121450	2	3+3	–
		600	AS xxx 121460	2	3+3	–
		800	AS xxx 121480	2	3+3	–
	1600	400	AS xxx 121640	2	3+3	–
		500	AS xxx 121650	2	3+3	–
		600	AS xxx 121660	2	3+3	–
		800	AS xxx 121680	2	3+3	–
	1800	400	AS xxx 121840	2	3+3	✓
		500	AS xxx 121850	2	3+3	✓
		600	AS xxx 121860	2	3+3	✓
		800	AS xxx 121880	2	3+3	✓
	2000	400	AS xxx 122040	2	3+3	✓
		500	AS xxx 122050	2	3+3	✓
		600	AS xxx 122060	2	3+3	✓
		800	AS xxx 122080	2	3+3	✓
1400	600	400	AS xxx 140640	2	2+2	–
		500	AS xxx 140650	2	2+2	–
		600	AS xxx 140660	2	2+2	–
		800	AS xxx 140680	2	2+2	–
	800	400	AS xxx 140840	2	2+2	–
		500	AS xxx 140850	2	2+2	–
		600	AS xxx 140860	2	2+2	–
		800	AS xxx 140880	2	2+2	–
	1000	400	AS xxx 141040	2	2+2	–
		500	AS xxx 141050	2	2+2	–
		600	AS xxx 141060	2	2+2	–
		800	AS xxx 141080	2	2+2	–
	1200	400	AS xxx 141240	2	2+2	–
		500	AS xxx 141250	2	2+2	–
		600	AS xxx 141260	2	2+2	–
		800	AS xxx 141280	2	2+2	
	1400	400	AS xxx 141440	2	3+3	–
		500	AS xxx 141450	2	3+3	–
		600	AS xxx 141460	2	3+3	–
		800	AS xxx 141480	2	3+3	–
	1600	400	AS xxx 141640	2	3+3	–
		500	AS xxx 141650	2	3+3	–
		600	AS xxx 141660	2	3+3	–
		800	AS xxx 141680	2	3+3	–
	1800	400	AS xxx 141840	2	3+3	✓
		500	AS xxx 141850	2	3+3	✓
		600	AS xxx 141860	2	3+3	✓
		800	AS xxx 141880	2	3+3	✓
	2000	400	AS xxx 142040	2	3+3	✓
		500	AS xxx 142050	2	3+3	✓
		600	AS xxx 142060	2	3+3	✓
		800	AS xxx 142080	2	3+3	✓







			K →	Solid door + Rear Panel	Solid door + Rear Panel	Solid door + Fixed Rear Panel
			M →	--	Mounting Plate	Mounting Plate
			P →	--	Plinth - Blank Cover	200 mm Plinth - Blank Cover
Width	Height	Depth	Door	Reference	Reference	Reference
A	B	C				
mm	mm	mm	pcs			
400	600	600	1	AS 100 040660	AS 111 040660	AS A14 040660
	800	600	1	AS 100 040860	AS 111 040860	AS A14 040860
	1000	600	1	AS 100 041060	AS 111 041060	AS A14 041060
	1200	600	1	AS 100 041260	AS 111 041260	AS A14 041260
	1400	600	1	AS 100 041460	AS 111 041460	AS A14 041460
	1600	600	1	AS 100 041660	AS 111 041660	AS A14 041660
	1800	600	1	AS 100 041860	AS 111 041860	AS A14 041860
		800	1	AS 100 041880	AS 111 041880	AS A14 041880
	2000	600	1	AS 100 042060	AS 111 042060	AS A14 042060
		800	1	AS 100 042080	AS 111 042080	AS A14 042080
600	600	600	1	AS 100 060660	AS 111 060660	AS A14 060660
	800	600	1	AS 100 060860	AS 111 060860	AS A14 060860
	1000	600	1	AS 100 061060	AS 111 061060	AS A14 061060
	1200	600	1	AS 100 061260	AS 111 061260	AS A14 061260
	1400	600	1	AS 100 061460	AS 111 061460	AS A14 061460
	1600	600	1	AS 100 061660	AS 111 061660	AS A14 061660
	1800	600	1	AS 100 061860	AS 111 061860	AS A14 061860
		800	1	AS 100 061880	AS 111 061880	AS A14 061880
	2000	600	1	AS 100 062060	AS 111 062060	AS A14 062060
		800	1	AS 100 062080	AS 111 062080	AS A14 062080
800	600	600	1	AS 100 080660	AS 111 080660	AS A14 080660
	800	600	1	AS 100 080860	AS 111 080860	AS A14 080860
	1000	600	1	AS 100 081060	AS 111 081060	AS A14 081060
	1200	600	1	AS 100 081260	AS 111 081260	AS A14 081260
	1400	600	1	AS 100 081460	AS 111 081460	AS A14 081460
	1600	600	1	AS 100 081660	AS 111 081660	AS A14 081660
	1800	600	1	AS 100 081860	AS 111 081860	AS A14 081860
		800	1	AS 100 081880	AS 111 081880	AS A14 081880
	2000	600	1	AS 100 082060	AS 111 082060	AS A14 082060
		800	1	AS 100 082080	AS 111 082080	AS A14 082080
1000	1800	600	2	AS 100 101860	AS 111 101860	AS A14 101860
		800	2	AS 100 101880	AS 111 101880	AS A14 101880
	2000	600	2	AS 100 102060	AS 111 102060	AS A14 102060
		800	2	AS 100 102080	AS 111 102080	AS A14 102080
1200	1800	600	2	AS 100 121860	AS 111 121860	AS A14 121860
		800	2	AS 100 121880	AS 111 121880	AS A14 121880
	2000	600	2	AS 100 122060	AS 111 122060	AS A14 122060
		800	2	AS 100 122080	AS 111 122080	AS A14 122080
1400	1800	600	2	AS 100 141860	AS 111 141860	AS A14 141860
		800	2	AS 100 141880	AS 111 141880	AS A14 141880
	2000	600	2	AS 100 142060	AS 111 142060	AS A14 142060
		800	2	AS 100 142080	AS 111 142080	AS A14 142080

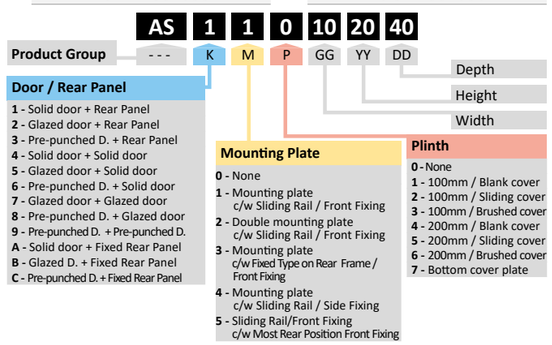








Glazed door + Rear Panel	Glazed Door + Solid Door	Solid Door + Solid Door	Solid Door + Yekpare Sırt
Mounting Plate	Double Mounting Plate	Double Mounting Plate	Mounting Plate
Plinth - Blank Cover	Plinth - Blank Cover	200 mm Plinth - Brushed Cover	200 mm Plinth - Brushed Cover
Reference	Reference	Reference	Reference
AS 211 040660	AS 521 040660	AS 426 040660	AS A16 040660
AS 211 040860	AS 521 040860	AS 426 040860	AS A16 040860
AS 211 041060	AS 521 041060	AS 426 041060	AS A16 041060
AS 211 041260	AS 521 041260	AS 426 041260	AS A16 041260
AS 211 041460	AS 521 041460	AS 426 041460	AS A16 041460
AS 211 041660	AS 521 041660	AS 426 041660	AS A16 041660
AS 211 041860	AS 521 041860	AS 426 041860	AS A16 041860
AS 211 041880	AS 521 041880	AS 426 041880	AS A16 041880
AS 211 042060	AS 521 042060	AS 426 042060	AS A16 042060
AS 211 042080	AS 521 042080	AS 426 042080	AS A16 042080
AS 211 060660	AS 521 060660	AS 426 060660	AS A16 060660
AS 211 060860	AS 521 060860	AS 426 060860	AS A16 060860
AS 211 061060	AS 521 061060	AS 426 061060	AS A16 061060
AS 211 061260	AS 521 061260	AS 426 061260	AS A16 061260
AS 211 061460	AS 521 061460	AS 426 061460	AS A16 061460
AS 211 061660	AS 521 061660	AS 426 061660	AS A16 061660
AS 211 061860	AS 521 061860	AS 426 061860	AS A16 061860
AS 211 061880	AS 521 061880	AS 426 061880	AS A16 061880
AS 211 062060	AS 521 062060	AS 426 062060	AS A16 062060
AS 211 062080	AS 521 062080	AS 426 062080	AS A16 062080
AS 211 080660	AS 521 080660	AS 426 080660	AS A16 080660
AS 211 080860	AS 521 080860	AS 426 080860	AS A16 080860
AS 211 081060	AS 521 081060	AS 426 081060	AS A16 081060
AS 211 081260	AS 521 081260	AS 426 081260	AS A16 081260
AS 211 081460	AS 521 081460	AS 426 081460	AS A16 081460
AS 211 081660	AS 521 081660	AS 426 081660	AS A16 081660
AS 211 081860	AS 521 081860	AS 426 081860	AS A16 081860
AS 211 081880	AS 521 081880	AS 426 081880	AS A16 081880
AS 211 082060	AS 521 082060	AS 426 082060	AS A16 082060
AS 211 082080	AS 521 082080	AS 426 082080	AS A16 082080
		AS 426 101860	AS A16 101860
		AS 426 101880	AS A16 101880
		AS 426 102060	AS A16 102060
		AS 426 102080	AS A16 102080
		AS 426 121860	AS A16 121860
		AS 426 121880	AS A16 121880
		AS 426 122060	AS A16 122060
		AS 426 122080	AS A16 122080
		AS 426 141860	AS A16 141860
		AS 426 141880	AS A16 141880
		AS 426 142060	AS A16 142060
		AS 426 142080	AS A16 142080

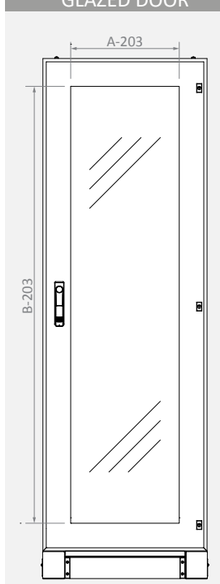


Width A mm	Height B mm	Reference	Solid Door	Useful Area ↔ mm	Useful Area ↕ mm	Glazed Door	Apparent Area ↔ mm	Apparent Area ↕ mm	Mounting Plate	Dimensions ↔ mm	Dimensions ↕ mm
400	600	AS xxx 0406**	AS KP0406	220	420	AS KPX0406	197	397	AS TS0406	302	502
	800	AS xxx 0408**	AS KP0408	220	620	AS KPX0408	197	597	AS TS0408	302	702
	1000	AS xxx 0410**	AS KP0410	220	820	AS KPX0410	197	797	AS TS0410	302	902
	1200	AS xxx 0412**	AS KP0412	220	1020	AS KPX0412	197	997	AS TS0412	302	1102
	1400	AS xxx 0414**	AS KP0414	220	1220	AS KPX0414	197	1197	AS TS0414	302	1302
	1600	AS xxx 0416**	AS KP0416	220	1420	AS KPX0416	197	1397	AS TS0416	302	1502
	1800	AS xxx 0418**	AS KP0418	220	1620	AS KPX0418	197	1597	AS TS0418	302	1702
	2000	AS xxx 0420**	AS KP0420	220	1820	AS KPX0420	197	1797	AS TS0420	302	1902
600	600	AS xxx 0606**	AS KP0606	420	420	AS KPX0606	397	397	AS TS0606	502	502
	800	AS xxx 0608**	AS KP0608	420	620	AS KPX0608	397	597	AS TS0608	502	702
	1000	AS xxx 0610**	AS KP0610	420	820	AS KPX0610	397	797	AS TS0610	502	902
	1200	AS xxx 0612**	AS KP0612	420	1020	AS KPX0612	397	997	AS TS0612	502	1102
	1400	AS xxx 0614**	AS KP0614	420	1220	AS KPX0614	397	1197	AS TS0614	502	1302
	1600	AS xxx 0616**	AS KP0616	420	1420	AS KPX0616	397	1397	AS TS0616	502	1502
	1800	AS xxx 0618**	AS KP0618	420	1620	AS KPX0618	397	1597	AS TS0618	502	1702
	2000	AS xxx 0620**	AS KP0620	420	1820	AS KPX0620	397	1797	AS TS0620	502	1902
800	600	AS xxx 0806**	AS KP0806	620	420	AS KPX0806	597	397	AS TS0806	702	502
	800	AS xxx 0808**	AS KP0808	620	620	AS KPX0808	597	597	AS TS0808	702	702
	1000	AS xxx 0810**	AS KP0810	620	820	AS KPX0810	597	797	AS TS0810	702	902
	1200	AS xxx 0812**	AS KP0812	620	1020	AS KPX0812	597	997	AS TS0812	702	1102
	1400	AS xxx 0814**	AS KP0814	620	1220	AS KPX0814	597	1197	AS TS0814	702	1302
	1600	AS xxx 0816**	AS KP0816	620	1420	AS KPX0816	597	1397	AS TS0816	702	1502
	1800	AS xxx 0818**	AS KP0818	620	1620	AS KPX0818	597	1597	AS TS0818	702	1702
	2000	AS xxx 0820**	AS KP0820	620	1820	AS KPX0820	597	1797	AS TS0820	702	1902
1000	600	AS xxx 1006**	AS KP1006	320 + 320	420	-- --	-- --	-- --	AS TS1006	902	502
	800	AS xxx 1008**	AS KP1008	320 + 320	620	-- --	-- --	-- --	AS TS1008	902	702
	1000	AS xxx 1010**	AS KP1010	320 + 320	820	-- --	-- --	-- --	AS TS1010	902	902
	1200	AS xxx 1012**	AS KP1012	320 + 320	1020	-- --	-- --	-- --	AS TS1012	902	1102
	1400	AS xxx 1014**	AS KP1014	320 + 320	1220	-- --	-- --	-- --	AS TS1014	902	1302
	1600	AS xxx 1016**	AS KP1016	320 + 320	1420	-- --	-- --	-- --	AS TS1016	902	1502
	1800	AS xxx 1018**	AS KP1018	320 + 320	1620	AS KPX1018	297 + 297	1597	AS TS1018	902	1702
	2000	AS xxx 1020**	AS KP1020	320 + 320	1820	AS KPX1020	297 + 297	1797	AS TS1020	902	1902
1200	600	AS xxx 1206**	AS KP1206	420 + 420	420	-- --	-- --	-- --	AS TS1206	1102	502
	800	AS xxx 1208**	AS KP1208	420 + 420	620	-- --	-- --	-- --	AS TS1208	1102	702
	1000	AS xxx 1210**	AS KP1210	420 + 420	820	-- --	-- --	-- --	AS TS1210	1102	902
	1200	AS xxx 1212**	AS KP1212	420 + 420	1020	-- --	-- --	-- --	AS TS1212	1102	1102
	1400	AS xxx 1214**	AS KP1214	420 + 420	1220	-- --	-- --	-- --	AS TS1214	1102	1302
	1600	AS xxx 1216**	AS KP1216	420 + 420	1420	-- --	-- --	-- --	AS TS1216	1102	1502
	1800	AS xxx 1218**	AS KP1218	420 + 420	1620	AS KPX1218	397 + 397	1597	AS TS1218	1102	1702
	2000	AS xxx 1220**	AS KP1220	420 + 420	1820	AS KPX1220	397 + 397	1797	AS TS1220	1102	1902
1400	600	AS xxx 1406**	AS KP1406	520 + 520	420	-- --	-- --	-- --	AS TS1406	1302	502
	800	AS xxx 1408**	AS KP1408	520 + 520	620	-- --	-- --	-- --	AS TS1408	1302	702
	1000	AS xxx 1410**	AS KP1410	520 + 520	820	-- --	-- --	-- --	AS TS1410	1302	902
	1200	AS xxx 1412**	AS KP1412	520 + 520	1020	-- --	-- --	-- --	AS TS1412	1302	1102
	1400	AS xxx 1414**	AS KP1414	520 + 520	1220	-- --	-- --	-- --	AS TS1414	1302	1302
	1600	AS xxx 1416**	AS KP1416	520 + 520	1420	-- --	-- --	-- --	AS TS1416	1302	1502
	1800	AS xxx 1418**	AS KP1418	520 + 520	1620	AS KPX1418	497 + 497	1597	AS TS1418	1302	1702
	2000	AS xxx 1420**	AS KP1420	520 + 520	1820	AS KPX1420	497 + 497	1797	AS TS1420	1302	1902

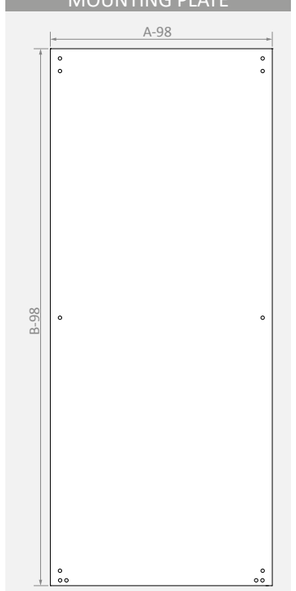
SOLID DOOR USEFUL AREA



GLAZED DOOR

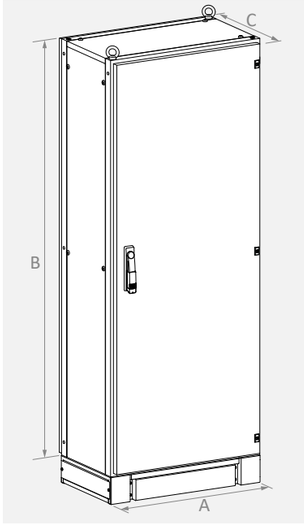


MOUNTING PLATE

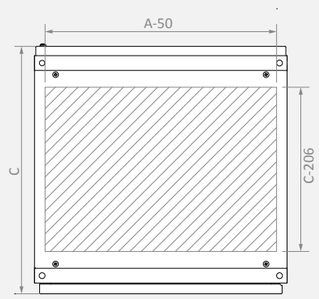


AS
GENERAL DIMENSIONS
MODULAR ENCLOSURES

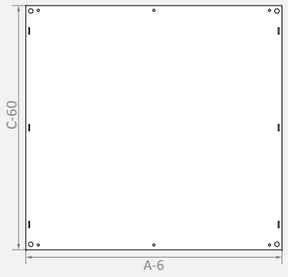
Width A mm	Depth C mm	Reference	Top Cover	Useful Area ↔ mm	Useful Area ↗ mm	Bottom Cover Plate	Dimensions ↔ mm	Dimensions ↗ mm
400	400	AS xxx 04**40	AS TAV04040	350	194	AS BS0440	394	340
	500	AS xxx 04**50	AS TAV04050	350	294	AS BS0450	394	440
	600	AS xxx 04**60	AS TAV04060	350	394	AS BS0460	394	540
	800	AS xxx 04**80	AS TAV04080	350	594	AS BS0480	394	740
600	400	AS xxx 06**40	AS TAV06040	550	194	AS BS0640	594	340
	500	AS xxx 06**50	AS TAV06050	550	294	AS BS0650	594	440
	600	AS xxx 06**60	AS TAV06060	550	394	AS BS0660	594	540
	800	AS xxx 06**80	AS TAV06080	550	594	AS BS0680	594	740
800	400	AS xxx 08**40	AS TAV08040	750	194	AS BS0840	794	340
	500	AS xxx 08**50	AS TAV08050	750	294	AS BS0850	794	440
	600	AS xxx 08**60	AS TAV08060	750	394	AS BS0860	794	540
	800	AS xxx 08**80	AS TAV08080	750	594	AS BS0880	794	740
1000	400	AS xxx 10**40	AS TAV10040	950	194	AS BS1040	994	340
	500	AS xxx 10**50	AS TAV10050	950	294	AS BS1050	994	440
	600	AS xxx 10**60	AS TAV10060	950	394	AS BS1060	994	540
	800	AS xxx 10**80	AS TAV10080	950	594	AS BS1080	994	740
1200	400	AS xxx 12**40	AS TAV12040	1150	194	AS BS1240	1194	340
	500	AS xxx 12**50	AS TAV12050	1150	294	AS BS1250	1194	440
	600	AS xxx 12**60	AS TAV12060	1150	394	AS BS1260	1194	540
	800	AS xxx 12**80	AS TAV12080	1150	594	AS BS1280	1194	740
1400	400	AS xxx 14**40	AS TAV14040	1350	194	AS BS1440	1394	340
	500	AS xxx 14**50	AS TAV14050	1350	294	AS BS1450	1394	440
	600	AS xxx 14**60	AS TAV14060	1350	394	AS BS1460	1394	540
	800	AS xxx 14**80	AS TAV14080	1350	594	AS BS1480	1394	740



TOP COVER

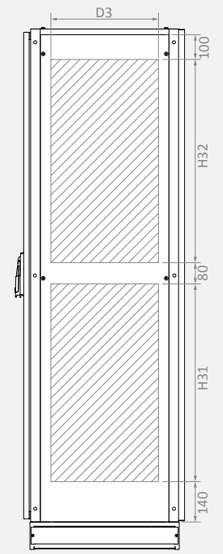


BOTTOM COVER PLATE



Height B mm	Depth C mm	Reference	Side Panel	Useful Area D3 mm	Useful Area H31 mm	Useful Area H32 mm
600	400	AS xxx **0640	AS YS0640	194	340	-
	500	AS xxx **0650	AS YS0650	294	340	-
	600	AS xxx **0660	AS YS0660	394	340	-
	800	AS xxx **0680	AS YS0680	594	340	
800	400	AS xxx **0840	AS YS0840	194	540	-
	500	AS xxx **0850	AS YS0850	294	540	-
	600	AS xxx **0860	AS YS0860	394	540	-
	800	AS xxx **0880	AS YS0880	594	540	
1000	400	AS xxx **1040	AS YS1040	194	740	-
	500	AS xxx **1050	AS YS1050	294	740	-
	600	AS xxx **1060	AS YS1060	394	740	-
	800	AS xxx **1080	AS YS1080	594	740	
1200	400	AS xxx **1240	AS YS1240	194	940	-
	500	AS xxx **1250	AS YS1250	294	940	-
	600	AS xxx **1260	AS YS1260	394	940	-
	800	AS xxx **1280	AS YS1280	594	940	
1400	400	AS xxx **1440	AS YS1440	194	520	540
	500	AS xxx **1450	AS YS1450	294	520	540
	600	AS xxx **1460	AS YS1460	394	520	540
	800	AS xxx **1480	AS YS1480	594	520	540
1600	400	AS xxx **1640	AS YS1640	194	640	620
	500	AS xxx **1650	AS YS1650	294	640	620
	600	AS xxx **1660	AS YS1660	394	640	620
	800	AS xxx **1680	AS YS1680	594	640	620
1800	400	AS xxx **1840	AS YS1840	194	720	740
	500	AS xxx **1850	AS YS1850	294	720	740
	600	AS xxx **1860	AS YS1860	394	720	740
	800	AS xxx **1880	AS YS1880	594	720	740
2000	400	AS xxx **2040	AS YS2040	194	840	820
	500	AS xxx **2050	AS YS2050	294	840	820
	600	AS xxx **2060	AS YS2060	394	840	820
	800	AS xxx **2080	AS YS2080	594	840	820

SIDE PANEL



FLOOR STANDING ENCLOSURES

Characteristics

Material

Galvanized Steel (EN 10346 DX51D+Z)

- Frame : 1.5 mm
- Panel : 1.5 mm
- Door : 2 mm
- Plinth : 2 mm
- Mounting plate : 2 mm

Surface Finishing

- RAL7035w powder coated outer surface

IP Rating

- IP55 (TS 3033, EN 60529)

Others

- EMC gasketed front door and rear panel
- EMC gasketed side panels, top cover and plinth
- Conductive interior surface
- Swing-handle polyamide lock (4 points locking, 333 key)
- Concealed hinge
- Multiple mounting plate possibility

On Request

- Special sizes
- Special colour
- Pre-punching





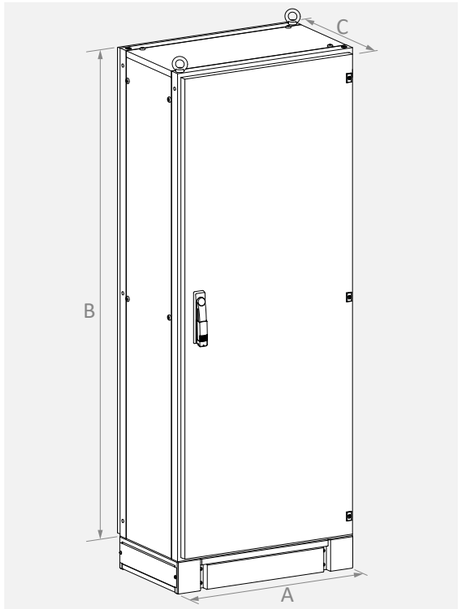
Supply Includes

- Front and rear frame
- Door
- Rear panel
- Mounting plate
- Plinth
- Top cover
- Side panels
- 4/6 pcs side rails
- Door inside mounting profile

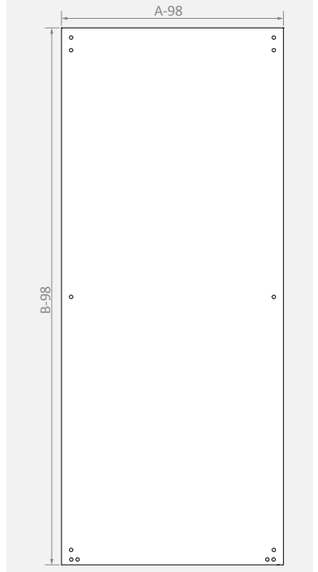
Complementary Accessories

- Eye bolt
- Rain canopy
- Door inside mounting profile
- Short mounting plate
- Partial mounting plate
- Carriage depth slide and support
- Partition profile
- L, U and Z profiles
- L and Z brackets
- Busbar & depth profile
- Ladder busbar profile
- Plan pocket
- Earthing cable

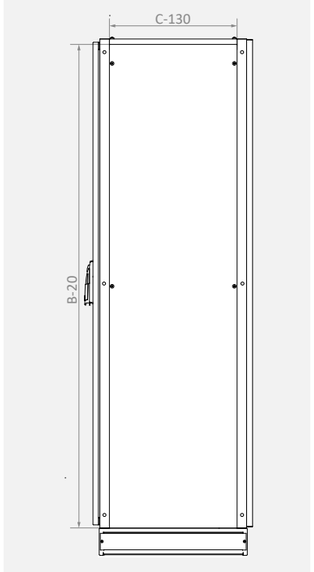
Width	Height	Depth	Reference	Door	Lock Type	Hinge	Side Panel		Mounting Plate		Weight
A	B	C					↔	↕	↔	↕	
mm	mm	mm		pcs		pcs	mm	mm	mm	mm	kg
400	1800	400	ASE 041840	1	I	3	270	1780	302	1702	78
		500	ASE 041850	1	I	3	370	1780	302	1702	85
		600	ASE 041860	1	I	3	470	1780	302	1702	92
		800	ASE 041880	1	I	3	670	1780	302	1702	105
	2000	400	ASE 042040	1	I	3	270	1980	302	1902	86
		500	ASE 042050	1	I	3	370	1980	302	1902	93
		600	ASE 042060	1	I	3	470	1980	302	1902	100
		800	ASE 042080	1	I	3	670	1980	302	1902	114
600	1800	400	ASE 061840	1	I	3	270	1780	502	1702	99
		500	ASE 061850	1	I	3	370	1780	502	1702	106
		600	ASE 061860	1	I	3	470	1780	502	1702	114
		800	ASE 061880	1	I	3	670	1780	502	1702	128
	2000	400	ASE 062040	1	I	3	270	1980	502	1902	108
		500	ASE 062050	1	I	3	370	1980	502	1902	116
		600	ASE 062060	1	I	3	470	1980	502	1902	123
		800	ASE 062080	1	I	3	670	1980	502	1902	139
800	1800	400	ASE 081840	1	I	3	270	1780	702	1702	120
		500	ASE 081850	1	I	3	370	1780	702	1702	127
		600	ASE 081860	1	I	3	470	1780	702	1702	135
		800	ASE 081880	1	I	3	670	1780	702	1702	151
	2000	400	ASE 082040	1	I	3	270	1980	702	1902	130
		500	ASE 082050	1	I	3	370	1980	702	1902	138
		600	ASE 082060	1	I	3	470	1980	702	1902	147
		800	ASE 082080	1	I	3	670	1980	702	1902	163



MOUNTING PLATE



SIDE PANEL



Characteristics

Material

Sheet Steel (EN 10130 DC01)
- Body : 1.5 mm
- Door : 2 mm
- Plinth : 2 mm

Galvanized Steel (EN 10346 DX51D+Z)
- Mounting plate : 2 mm

Surface Finishing
- RAL7035w powder coating

IP Rating
- IP65 (TS 3033, EN 60529)

Others
- Fully welded monobloc body
- Foamed-in door PU sealing gasket
- Swing-handle polyamide lock (3 points locking, 333 key)
- Concealed hinge
- Multiple mounting plate possibility
- Plinth and cover options



On Request
- Special sizes
- Special colour
- Pre-punching
- Glazed door



Supply Includes
- Body
- Door (Select ≈ K)
- Rear panel (Select ≈ K)
- Mounting plate (Option ≈ M)
- Plinth (Option ≈ P)

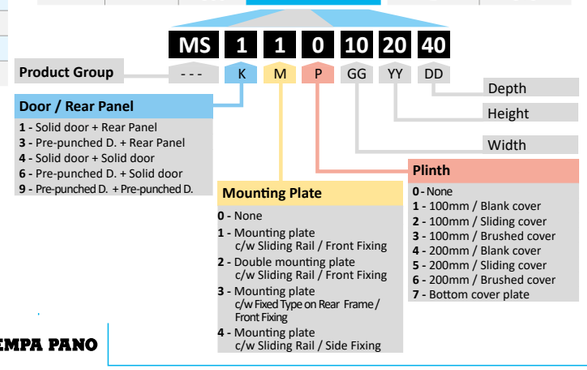
Complementary Accessories
- Rain canopy
- Door inside mounting profile
- Partial mounting plate
- Carriage depth slide and support
- L, U and Z profiles
- L and Z brackets
- Plan pocket
- Earthing cable
- 4/6 pcs side rails
- 4 pcs Z profiles

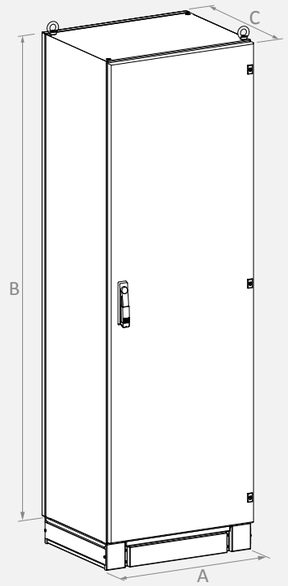
MS SERIES
MONOBLOC ENCLOSURES

FLOOR STANDING ENCLOSURES

Width A mm	Height B mm	Depth C mm	Reference	Door pcs	Hinge pcs
400	600	400	MS xxx 040640	1	2
		500	MS xxx 040650	1	2
		600	MS xxx 040660	1	2
	800	400	MS xxx 040840	1	2
		500	MS xxx 040850	1	2
		600	MS xxx 040860	1	2
	1000	400	MS xxx 041040	1	2
		500	MS xxx 041050	1	2
		600	MS xxx 041060	1	2
	1200	400	MS xxx 041240	1	2
		500	MS xxx 041250	1	2
		600	MS xxx 041260	1	2
	1400	400	MS xxx 041440	1	3
		500	MS xxx 041450	1	3
		600	MS xxx 041460	1	3
	1600	400	MS xxx 041640	1	3
		500	MS xxx 041650	1	3
		600	MS xxx 041660	1	3
	1800	400	MS xxx 041840	1	3
		500	MS xxx 041850	1	3
		600	MS xxx 041860	1	3
		800	MS xxx 041880	1	3
	2000	400	MS xxx 042040	1	3
		500	MS xxx 042050	1	3
		600	MS xxx 042060	1	3
		800	MS xxx 042080	1	3
600	600	400	MS xxx 060640	1	2
		500	MS xxx 060650	1	2
		600	MS xxx 060660	1	2
	800	400	MS xxx 060840	1	2
		500	MS xxx 060850	1	2
		600	MS xxx 060860	1	2
	1000	400	MS xxx 061040	1	2
		500	MS xxx 061050	1	2
		600	MS xxx 061060	1	2
	1200	400	MS xxx 061240	1	2
		500	MS xxx 061250	1	2
		600	MS xxx 061260	1	2
	1400	400	MS xxx 061440	1	3
		500	MS xxx 061450	1	3
		600	MS xxx 061460	1	3
	1600	400	MS xxx 061640	1	3
		500	MS xxx 061650	1	3
		600	MS xxx 061660	1	3
	1800	400	MS xxx 061840	1	3
		500	MS xxx 061850	1	3
		600	MS xxx 061860	1	3
		800	MS xxx 061880	1	3
	2000	400	MS xxx 062040	1	3
		500	MS xxx 062050	1	3
		600	MS xxx 062060	1	3
		800	MS xxx 062080	1	3

Width A mm	Height B mm	Depth C mm	Reference	Door pcs	Hinge pcs
800	600	400	MS xxx 080640	1	2
		500	MS xxx 080650	1	2
		600	MS xxx 080660	1	2
	800	400	MS xxx 080840	1	2
		500	MS xxx 080850	1	2
		600	MS xxx 080860	1	2
	1000	400	MS xxx 081040	1	2
		500	MS xxx 081050	1	2
		600	MS xxx 081060	1	2
	1200	400	MS xxx 081240	1	2
		500	MS xxx 081250	1	2
		600	MS xxx 081260	1	2
	1400	400	MS xxx 081440	1	3
		500	MS xxx 081450	1	3
		600	MS xxx 081460	1	3
	1600	400	MS xxx 081640	1	3
		500	MS xxx 081650	1	3
		600	MS xxx 081660	1	3
	1800	400	MS xxx 081840	1	3
		500	MS xxx 081850	1	3
		600	MS xxx 081860	1	3
		800	MS xxx 081880	1	3
	2000	400	MS xxx 082040	1	3
		500	MS xxx 082050	1	3
		600	MS xxx 082060	1	3
		800	MS xxx 082080	1	3
1000	1800	400	MS xxx 101840	2	3+3
		500	MS xxx 101850	2	3+3
		600	MS xxx 101860	2	3+3
		800	MS xxx 101880	2	3+3
	2000	400	MS xxx 102040	2	3+3
		500	MS xxx 102050	2	3+3
		600	MS xxx 102060	2	3+3
		800	MS xxx 102080	2	3+3
1200	1800	400	MS xxx 121840	2	3+3
		500	MS xxx 121850	2	3+3
		600	MS xxx 121860	2	3+3
		800	MS xxx 121880	2	3+3
	2000	400	MS xxx 122040	2	3+3
		500	MS xxx 122050	2	3+3
		600	MS xxx 122060	2	3+3
		800	MS xxx 122080	2	3+3
1400	1800	400	MS xxx 141840	2	3+3
		500	MS xxx 141850	2	3+3
		600	MS xxx 141860	2	3+3
		800	MS xxx 141880	2	3+3
	2000	400	MS xxx 142040	2	3+3
		500	MS xxx 142050	2	3+3
		600	MS xxx 142060	2	3+3
		800	MS xxx 142080	2	3+3

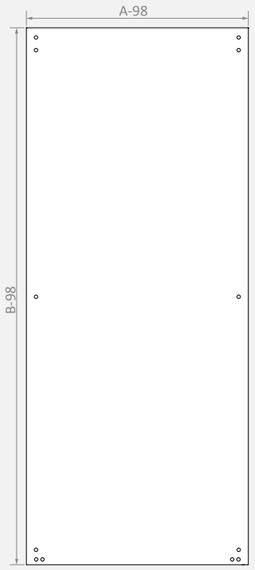




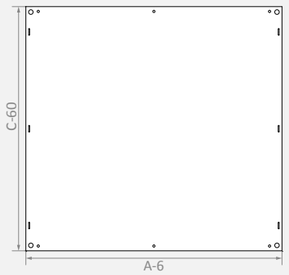
DOOR USEFUL AREA



MOUNTING PLATE



BOTTOM COVER PLATE



Width A mm	Height B mm	Reference	Solid Door	Useful Area ↔ mm	Useful Area ↕ mm	Mounting Plate	Dimensions ↔ mm	Dimensions ↕ mm
400	600	AS xxx 0406**	AS KP0406	220	420	AS TS0406	302	502
	800	AS xxx 0408**	AS KP0408	220	620	AS TS0408	302	702
	1000	AS xxx 0410**	AS KP0410	220	820	AS TS0410	302	902
	1200	AS xxx 0412**	AS KP0412	220	1020	AS TS0412	302	1102
	1400	AS xxx 0414**	AS KP0414	220	1220	AS TS0414	302	1302
	1600	AS xxx 0416**	AS KP0416	220	1420	AS TS0416	302	1502
	1800	AS xxx 0418**	AS KP0418	220	1620	AS TS0418	302	1702
	2000	AS xxx 0420**	AS KP0420	220	1820	AS TS0420	302	1902
600	600	AS xxx 0606**	AS KP0606	420	420	AS TS0606	502	502
	800	AS xxx 0608**	AS KP0608	420	620	AS TS0608	502	702
	1000	AS xxx 0610**	AS KP0610	420	820	AS TS0610	502	902
	1200	AS xxx 0612**	AS KP0612	420	1020	AS TS0612	502	1102
	1400	AS xxx 0614**	AS KP0614	420	1220	AS TS0614	502	1302
	1600	AS xxx 0616**	AS KP0616	420	1420	AS TS0616	502	1502
	1800	AS xxx 0618**	AS KP0618	420	1620	AS TS0618	502	1702
	2000	AS xxx 0620**	AS KP0620	420	1820	AS TS0620	502	1902
800	600	AS xxx 0806**	AS KP0806	620	420	AS TS0806	702	502
	800	AS xxx 0808**	AS KP0808	620	620	AS TS0808	702	702
	1000	AS xxx 0810**	AS KP0810	620	820	AS TS0810	702	902
	1200	AS xxx 0812**	AS KP0812	620	1020	AS TS0812	702	1102
	1400	AS xxx 0814**	AS KP0814	620	1220	AS TS0814	702	1302
	1600	AS xxx 0816**	AS KP0816	620	1420	AS TS0816	702	1502
	1800	AS xxx 0818**	AS KP0818	620	1620	AS TS0818	702	1702
	2000	AS xxx 0820**	AS KP0820	620	1820	AS TS0820	702	1902
1000	1800	AS xxx 1018**	AS KP1018	320 + 320	1620	AS TS1018	902	1702
	2000	AS xxx 1020**	AS KP1020	320 + 320	1820	AS TS1020	902	1902
1200	1800	AS xxx 1218**	AS KP1218	420 + 420	1620	AS TS1218	1102	1702
	2000	AS xxx 1220**	AS KP1220	420 + 420	1820	AS TS1220	1102	1902
1400	1800	AS xxx 1418**	AS KP1418	520 + 520	1620	AS TS1418	1302	1702
	2000	AS xxx 1420**	AS KP1420	520 + 520	1820	AS TS1420	1302	1902

Width A mm	Depth C mm	Reference	Bottom Cover Plate	Dimensions ↔ mm	Dimensions ⇗ mm
400	400	AS xxx 04**40	AS BS0440	394	340
	500	AS xxx 04**50	AS BS0450	394	440
	600	AS xxx 04**60	AS BS0460	394	540
	800	AS xxx 04**80	AS BS0480	394	740
600	400	AS xxx 06**40	AS BS0640	594	340
	500	AS xxx 06**50	AS BS0650	594	440
	600	AS xxx 06**60	AS BS0660	594	540
	800	AS xxx 06**80	AS BS0680	594	740
800	400	AS xxx 08**40	AS BS0840	794	340
	500	AS xxx 08**50	AS BS0850	794	440
	600	AS xxx 08**60	AS BS0860	794	540
	800	AS xxx 08**80	AS BS0880	794	740
1000	400	AS xxx 10**40	AS BS1040	994	340
	500	AS xxx 10**50	AS BS1050	994	440
	600	AS xxx 10**60	AS BS1060	994	540
	800	AS xxx 10**80	AS BS1080	994	740
1200	400	AS xxx 12**40	AS BS1240	1194	340
	500	AS xxx 12**50	AS BS1250	1194	440
	600	AS xxx 12**60	AS BS1260	1194	540
	800	AS xxx 12**80	AS BS1280	1194	740
1400	400	AS xxx 14**40	AS BS1440	1394	340
	500	AS xxx 14**50	AS BS1450	1394	440
	600	AS xxx 14**60	AS BS1460	1394	540
	800	AS xxx 14**80	AS BS1480	1394	740

Characteristics

Material

Sheet Steel (EN 10130 DC01)
- Body : 1.5 mm
- Door : 2 mm
- Plinth : 2 mm

Galvanized Steel (EN 10346 DX51D+Z)
- Mounting plate : 2 mm

Surface Finishing
- RAL7035w powder coating

IP Rating
- IP66 (TS 3033, EN 60529)

Others
- Fully welded monobloc body
- Removable strut to ensure IP rating
- Foamed-in door PU sealing gasket
- Swing-handle polyamide lock (4 points locking, 333 key)
- Concealed hinge
- Multiple mounting plate possibility
- Plinth

On Request
- Special sizes
- Special colour
- Pre-punching

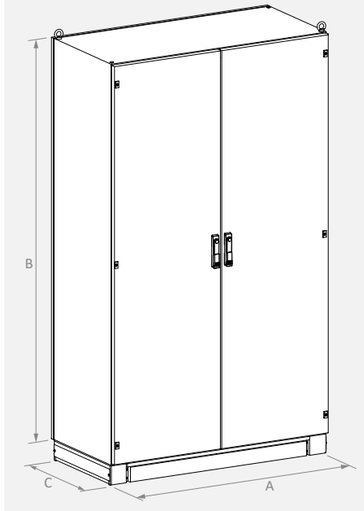




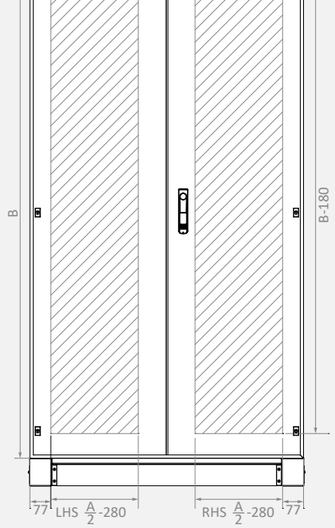
Supply Includes
- Body
- Doors
- Rear panel
- Mounting plate
- Plinth

Complementary Accessories
- Rain canopy
- Door inside mounting profile
- Partial mounting plate
- Carriage depth slide and support
- 4/6 pcs side rails
- 4 pcs Z profiles
- L, U and Z profiles
- L and Z brackets
- Plan pocket
- Earthing cable

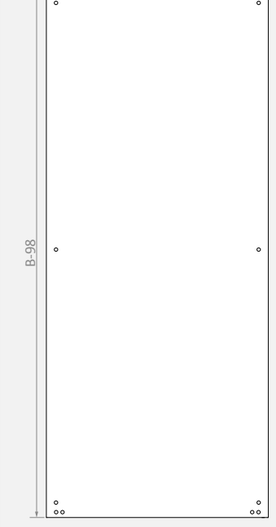
Width	Height	Depth	Reference	Door LHS (BIN)				Door RHS (ISP)				Rear Panel		Mounting Plate	
				Width	Hinge	Door Useful Area		Width	Hinge	Door Useful Area					
A	B	C		A		↔	↕	A		↔	↕	↔	↕	↔	↕
mm	mm	mm		mm	pcs	mm	mm	mm	pcs	mm	mm	mm	mm	mm	mm
1000	1800	400	MSD xxx 101840	500	3	220	1620	500	3	220	1620	1000	1800	902	1702
		500	MSD xxx 101850	500	3	220	1620	500	3	220	1620	1000	1800	902	1702
		600	MSD xxx 101860	500	3	220	1620	500	3	220	1620	1000	1800	902	1702
		800	MSD xxx 101880	500	3	220	1620	500	3	220	1620	1000	1800	902	1702
	2000	400	MSD xxx 102040	500	3	220	1820	500	3	220	1820	1000	2000	902	1902
		500	MSD xxx 102050	500	3	220	1820	500	3	220	1820	1000	2000	902	1902
		600	MSD xxx 102060	500	3	220	1820	500	3	220	1820	1000	2000	902	1902
		800	MSD xxx 102080	500	3	220	1820	500	3	220	1820	1000	2000	902	1902
1200	1800	400	MSD xxx 121840	600	3	320	1620	600	3	320	1620	1200	1800	1102	1702
		500	MSD xxx 121850	600	3	320	1620	600	3	320	1620	1200	1800	1102	1702
		600	MSD xxx 121860	600	3	320	1620	600	3	320	1620	1200	1800	1102	1702
		800	MSD xxx 121880	600	3	320	1620	600	3	320	1620	1200	1800	1102	1702
	2000	400	MSD xxx 122040	600	3	320	1820	600	3	320	1820	1200	2000	1102	1902
		500	MSD xxx 122050	600	3	320	1820	600	3	320	1820	1200	2000	1102	1902
		600	MSD xxx 122060	600	3	320	1820	600	3	320	1820	1200	2000	1102	1902
		800	MSD xxx 122080	600	3	320	1820	600	3	320	1820	1200	2000	1102	1902
1400	1800	400	MSD xxx 141840	600	3	320	1620	800	3	520	1620	600+800	1800	1302	600+1100
		500	MSD xxx 141850	600	3	320	1620	800	3	520	1620	600+800	1800	1302	600+1100
		600	MSD xxx 141860	600	3	320	1620	800	3	520	1620	600+800	1800	1302	600+1100
		800	MSD xxx 141880	600	3	320	1620	800	3	520	1620	600+800	1800	1302	600+1100
	2000	400	MSD xxx 142040	600	3	320	1820	800	3	520	1820	600+800	2000	1302	800+1100
		500	MSD xxx 142050	600	3	320	1820	800	3	520	1820	600+800	2000	1302	800+1100
		600	MSD xxx 142060	600	3	320	1820	800	3	520	1820	600+800	2000	1302	800+1100
		800	MSD xxx 142080	600	3	320	1820	800	3	520	1820	600+800	2000	1302	800+1100



DOOR USEFUL AREA



MOUNTING PLATE



Characteristics

Material

Sheet Steel (EN 10130 DC01)
- Frame : 1.5 mm
- Panel : 1.5 mm
- Door : 2 mm
- Plinth : 2 mm

Galvanized Steel (EN 10346 DX51D+Z)
- Mounting plate : 2 mm

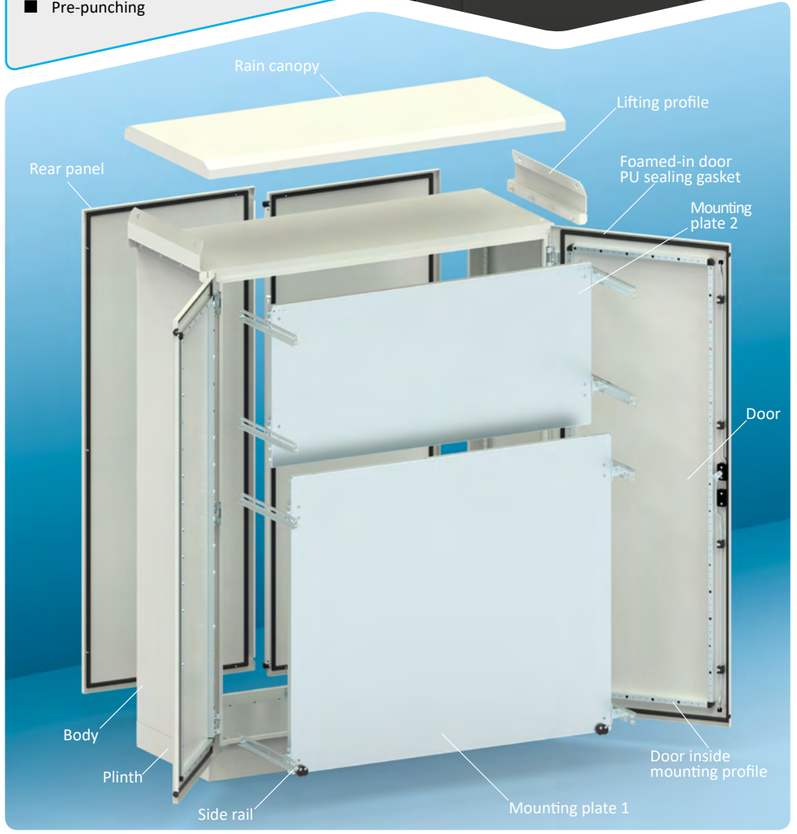
Surface Finishing
- RAL7035w powder coating

IP Rating
- IP55 (TS 3033, EN 60529)

Others
- Foamed-in door/rear panel PU sealing gasket
- Swing-handle polyamide lock (3 points locking, 333 key)
- Concealed hinge
- Door and panel options for rear side
- Multiple mounting plate possibility
- Plinth and cover options



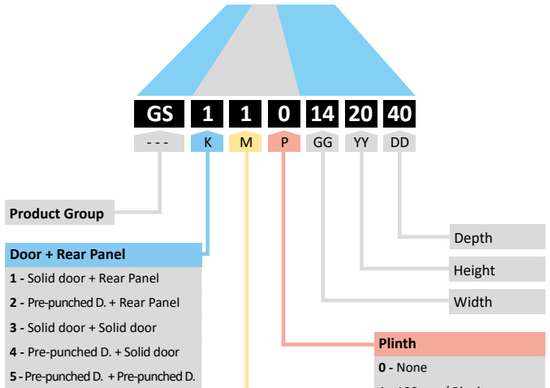
On Request
- Special sizes
- Special colour
- Pre-punching

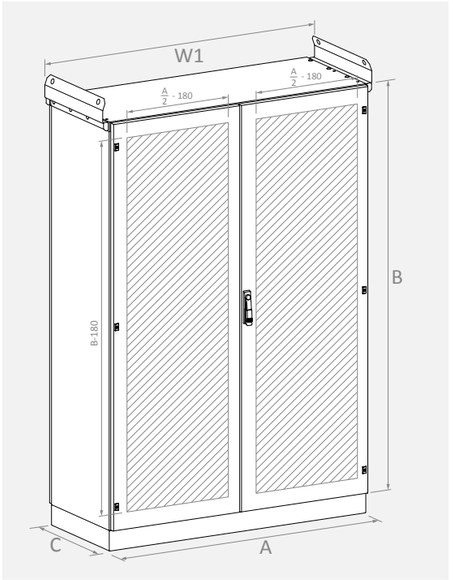


Supply Includes
- Body
- Door (Select ≈ K)
- Rear panel (Select ≈ K)
- Mounting plate (Option ≈ M)
- Plinth (Option ≈ P)
- 8 pcs side rails
- Lifting profile

Complementary Accessories
- Rain canopy
- Door inside mounting profile
- Partial mounting plate
- Carriage depth slide and support
- L, U and Z profiles
- L and Z brackets
- Busbar & depth profile
- Ladder busbar profile
- Plan pocket
- Earthing cable

Width A	Height B	Depth C	Reference	Door	Hinge	External width W1	Useful Area Door ↔	Useful Area Door ↕	Useful Area Rear Panel ↔	Useful Area Rear Panel ↕
mm	mm	mm		pcs	pcs	mm	mm	mm	mm	mm
1400	1800	400	GS xxx 141840	2	3+3	1475	520 + 520	1620	600 + 600	1700
		500	GS xxx 141850	2	3+3	1475	520 + 520	1620	600 + 600	1700
		600	GS xxx 141860	2	3+3	1475	520 + 520	1620	600 + 600	1700
		800	GS xxx 141880	2	3+3	1475	520 + 520	1620	600 + 600	1700
	2000	400	GS xxx 142040	2	3+3	1475	520 + 520	1820	600 + 600	1900
		500	GS xxx 142050	2	3+3	1475	520 + 520	1820	600 + 600	1900
		600	GS xxx 142060	2	3+3	1475	520 + 520	1820	600 + 600	1900
		800	GS xxx 142080	2	3+3	1475	520 + 520	1820	600 + 600	1900
1600	1800	400	GS xxx 161840	2	3+3	1675	620 + 620	1620	700 + 700	1700
		500	GS xxx 161850	2	3+3	1675	620 + 620	1620	700 + 700	1700
		600	GS xxx 161860	2	3+3	1675	620 + 620	1620	700 + 700	1700
		800	GS xxx 161880	2	3+3	1675	620 + 620	1620	700 + 700	1700
	2000	400	GS xxx 162040	2	3+3	1675	620 + 620	1820	700 + 700	1900
		500	GS xxx 162050	2	3+3	1675	620 + 620	1820	700 + 700	1900
		600	GS xxx 162060	2	3+3	1675	620 + 620	1820	700 + 700	1900
		800	GS xxx 162080	2	3+3	1675	620 + 620	1820	700 + 700	1900





Width A	Height B	Depth C	Reference	Mounting Plate 1 ↔	Mounting Plate 1 ↕	Mounting Plate 2 ↔	Mounting Plate 2 ↕
mm	mm	mm		mm	mm	mm	mm
1400	1800	400	GS xxx 141840	1300	1100	1300	600
		500	GS xxx 141850	1300	1100	1300	600
		600	GS xxx 141860	1300	1100	1300	600
		800	GS xxx 141880	1300	1100	1300	600
	2000	400	GS xxx 142040	1300	1100	1300	800
		500	GS xxx 142050	1300	1100	1300	800
		600	GS xxx 142060	1300	1100	1300	800
		800	GS xxx 142080	1300	1100	1300	800
1600	1800	400	GS xxx 161840	1500	1100	1500	600
		500	GS xxx 161850	1500	1100	1500	600
		600	GS xxx 161860	1500	1100	1500	600
		800	GS xxx 161880	1500	1100	1500	600
	2000	400	GS xxx 162040	1500	1100	1500	800
		500	GS xxx 162050	1500	1100	1500	800
		600	GS xxx 162060	1500	1100	1500	800
		800	GS xxx 162080	1500	1100	1500	800

Characteristics

Material

Sheet Steel (EN 10130 DC01)
- Body : 1.5 mm
- Door : 2 mm
- Plinth : 2 mm

Galvanized Steel (EN 10346 DX51D+Z)
- Mounting plate : 2 mm

Surface Finishing
- RAL7035w powder coating

IP Rating
- IP65 (TS 3033, EN 60529)

Others
- Welded frame construction
- Foamed-in door PU sealing gasket
- Swing-handle polyamide lock (3 points locking, 333 key)
- Concealed hinge
- Plinth and cover options



On Request
- Special sizes
- Special colour
- Pre-punching
- Special mounting plate



Supply Includes
- Body
- Door and rear panel
- Mounting plate
- Plinth
- 4/6 pcs side rails
- Rain canopy

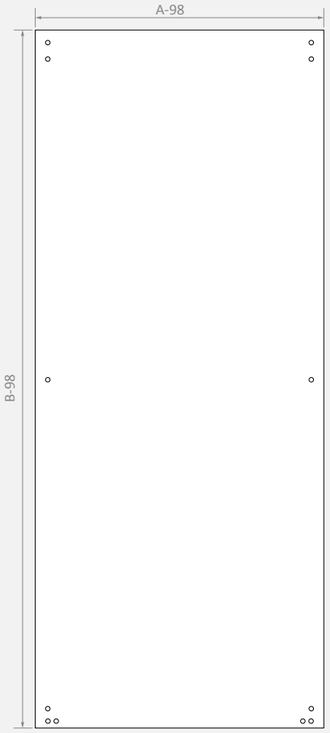
Complementary Accessories
- Side rail
- Short mounting plate
- Partial mounting plate
- Carriage depth slide and support
- Z profile
- Busbar & depth profile
- Ladder busbar profile
- Door inside mounting profile
- Partition profile
- Eye bolt

CC SERIES
DOUBLE WALLED OUTDOOR ENCLOSURES

Width	Height	Depth	Reference	Door	Hinge	Mounting Plate Dimensions	
A	B	C				↔	↕
mm	mm	mm		pcs	pcs	mm	mm
600	1200	600	CC 061260	1	3	502	1102
	1600	600	CC 061660	1	3	502	1502
800	1200	600	CC 081260	1	3	702	1102
	1600	600	CC 081660	1	3	702	1502



MOUNTING PLATE



FLOOR STANDING ENCLOSURES

Characteristics

Material

Stainless Steel 304L (EN 10088 1.4307)

- Body : 1.2 mm
- Lid : 1.2 mm

Surface Finishing

- Scotch-brite brushed

IP Rating

- IP55 (TS 3033, EN 60529)

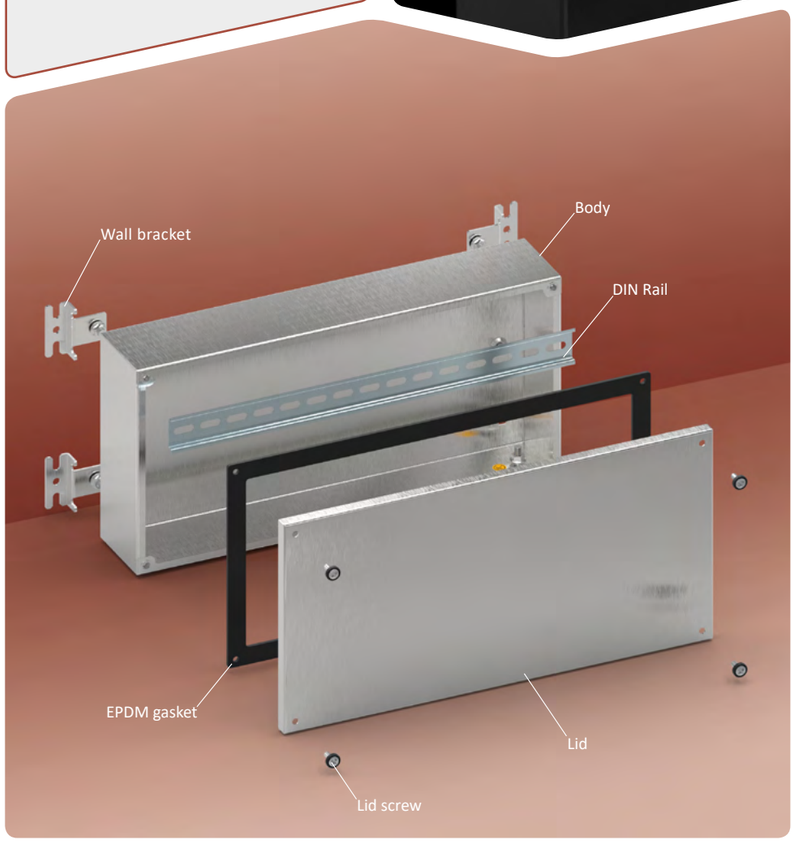
Others

- Fully welded construction
- Screwed plain lid
- One piece EPDM lid gasket
- Ready for DIN rail fixing



On Request

- Special sizes
- Pre-punching
- 316L Grade SS

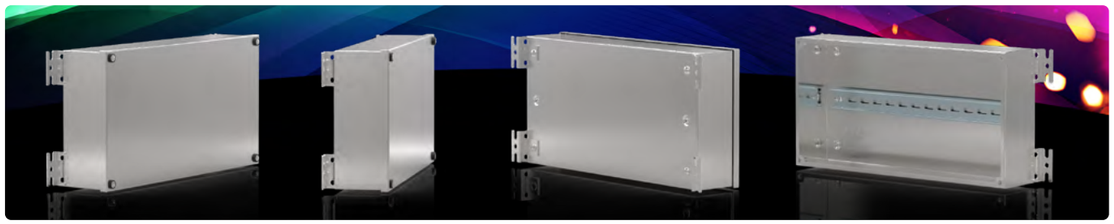


Supply Includes

- Body
- Lid
- Lid gasket
- Lid screws

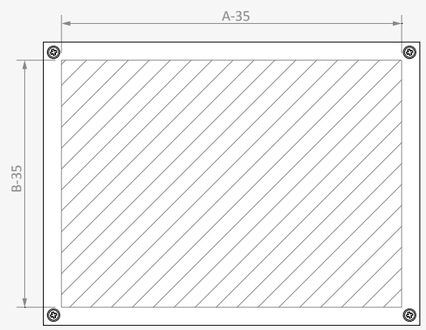
Complementary Accessories

- DIN rail
- Wall bracket 2/4
- Earthing cable

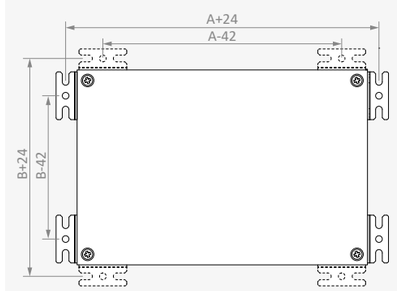


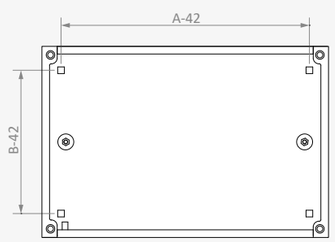
Width A	Height B	Depth C	Reference	Useful Area Lid ↔	Useful Area Lid ↕	Useful Area Side	Wall Mounting With Bracket Side ↔	Wall Mounting With Bracket Side ↕	Wall Mounting With Bracket Up/Down ↔	Wall Mounting With Bracket Up/Down ↕	Wall Mounting Internal ↔	Wall Mounting Internal ↕	DIN Rail Fixing ↔	Weight
mm	mm	mm		mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg
80	160	60	SSJB 081606	45	125	44	---	118	---	184	---	118	30	0.6
100	100	60	SSJB 101006	65	65	44	---	58	---	124	---	58	50	0.6
120	120	60	SSJB 121206	85	85	44	---	78	---	144	---	78	70	0.7
160	160	80	SSJB 161608	125	125	64	---	118	---	184	---	118	110	1.4
200	200	80	SSJB 202008	165	165	64	---	158	---	224	---	158	150	1.9
300	200	100	SSJB 302010	265	165	84	324	158	258	224	258	158	250	2.4
	300	100	SSJB 303010	265	265	84	324	258	258	324	258	258	2 x 250	3.2
400	200	100	SSJB 402010	365	165	84	424	158	358	224	358	158	350	2.8

LID USEFUL AREA

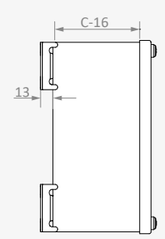


WALL MOUNTING





DEPTH DIMENSIONS



Characteristics

Material

Stainless Steel 304L (EN 10088 1.4307)
- Body : 1.2 mm
- Door : 1.2 mm

Galvanized Steel (EN 10346 DX51D+Z)
- Mounting plate : 1.5 - 2 mm

Surface Finishing
- Scotch-brite brushed

IP Rating
- IP66 (TS 3033, EN 60529)

Others
- Fully welded construction
- Solid / glazed door
- Foamed-in door PU sealing gasket
- 135° concealed hinges
- 5mm Double-bit insert chrome coated zamak lock
- Bottom gland plate
- One piece PE gasket for gland plate



On Request
- Special sizes
- Pre-punching
- 316L Grade SS
- Special mounting plate



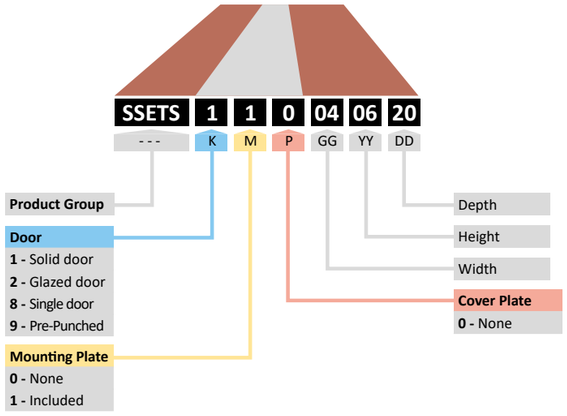
Supply Includes
- Body
- Door (Select ≈ K)
- Mounting plate (Option ≈ M)
- Gland plate with gasket
- 4/6 pcs wall brackets

Complementary Accessories
- Rain canopy
- Support base
- DIN rail
- Door inside mounting profile
- Pole fitting set
- Plastic cover plate
- Special locks and keys
- Earthing cable

Width A	Height B	Depth C	Reference	Door	Lock Type	Lock	Hinge	Wall Bracket	Weight **	Application Options: Glazed Door	Rain Canopy	Support Base
mm	mm	mm		pcs	*	pcs	pcs	pcs	kg	Y / N	Y / N	Y / N
300	300	150	SSETS xxx 030315	1	C	1	2	4	6.5	✓	✓	✓
	400	150	SSETS xxx 030415	1	C	1	2	4	8.2	✓	✓	✓
		200	SSETS xxx 030420	1	C	1	2	4	9.0	✓	✓	✓
	500	200	SSETS xxx 030520	1	C	1	2	4	10.9	✓	✓	✓
400	400	200	SSETS xxx 040420	1	C	1	2	4	11.2	✓	✓	✓
	500	200	SSETS xxx 040520	1	C	1	2	4	13.4	✓	✓	✓
	600	200	SSETS xxx 040620	1	C	2	2	4	14.8	✓	✓	✓
		300	SSETS xxx 040630	1	C	2	2	4	16.7	✓	✓	✓
500	500	200	SSETS xxx 050520	1	C	1	2	4	16.0	✓	✓	✓
	700	200	SSETS xxx 050720	1	C	2	3	4	21.2	✓	✓	✓
		300	SSETS xxx 050730	1	C	2	3	4	22.9	✓	✓	✓
600	600	200	SSETS xxx 060620	1	C	2	2	4	22.1	✓	✓	✓
	800	200	SSETS xxx 060820	1	C	2	3	4	28.0	✓	✓	✓
		300	SSETS xxx 060830	1	C	2	3	4	29.5	✓	✓	✓
	1000	300	SSETS xxx 061030	1	C	2	3	4	38.5	✓	✓	✓
800	800	300	SSETS xxx 080830	1	C	2	3	4	39	✓	✓	✓
	1000	300	SSETS xxx 081030	1	C	2	4	4	49.5	✓	✓	✓
	1200	300	SSETS xxx 081230	1	C	2	4	4	63	✓	✓	✓
1000	1000	300	SSETS xxx 101030	2	C	2	4+4	6	64	✓	✓	✓

* C: Quarter Turn I: Rod-latch

** For SSETS 110 GG YY DD







				K →	Solid Door	Glazed Door
				M →	Mounting Plate	Mounting Plate
				P →	-- --	-- --
Width	Height	Depth	Door	Reference	Reference	
A	B	C				
mm	mm	mm	pcs			
300	300	150	1	SSETS 110 030315	SSETS 210 030315	
	400	150	1	SSETS 110 030415	SSETS 210 030415	
		200	1	SSETS 110 030420	SSETS 210 030420	
	500	200	1	SSETS 110 030520	SSETS 210 030520	
400	400	200	1	SSETS 110 040420	SSETS 210 040420	
	500	200	1	SSETS 110 040520	SSETS 210 040520	
	600	200	1	SSETS 110 040620	SSETS 210 040620	
		300	1	SSETS 110 040630	SSETS 210 040630	
500	500	200	1	SSETS 110 050520	SSETS 210 050520	
	700	200	1	SSETS 110 050720	SSETS 210 050720	
		300	1	SSETS 110 050730	SSETS 210 050730	
600	600	200	1	SSETS 110 060620	SSETS 210 060620	
	800	200	1	SSETS 110 060820	SSETS 210 060820	
		300	1	SSETS 110 060830	SSETS 210 060830	
	1000	300	1	SSETS 110 061030	SSETS 210 061030	
800	800	300	1	SSETS 110 080830	SSETS 210 080830	
	1000	300	1	SSETS 110 081030	SSETS 210 081030	
	1200	300	1	SSETS 110 081230	SSETS 210 081230	
1000	1000	300	2	SSETS 110 101030	-- --	

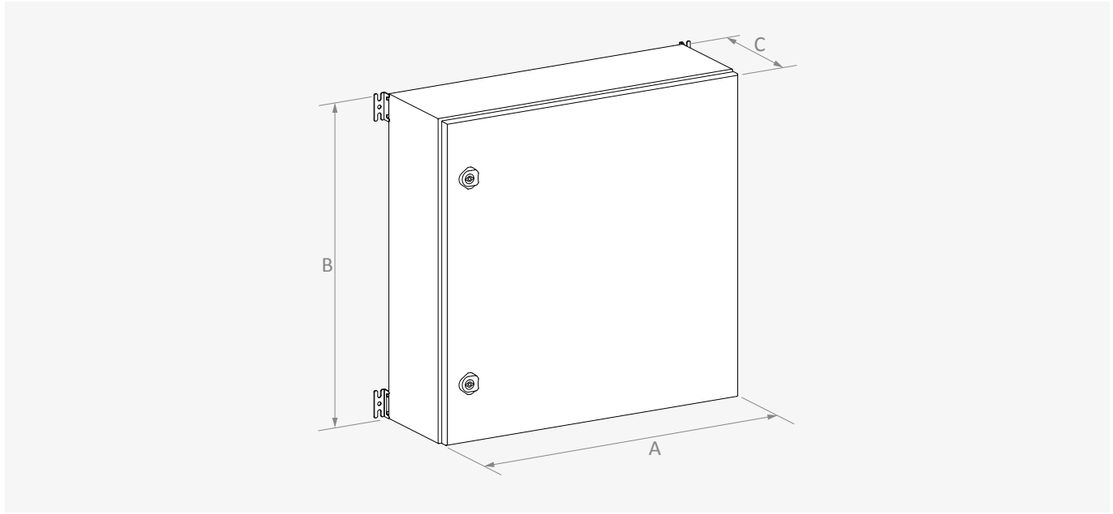
SSETS QUICK SELECTION TABLE STAINLESS STEEL WALL MOUNTED ENCLOSURES



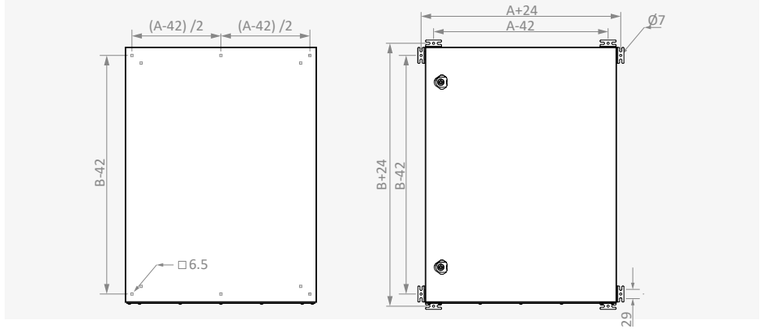


				K →	Pre-Punched Door	Solid Door
				M →	Mounting Plate	-- --
				P →	-- --	-- --
Width	Height	Depth	Door	Reference	Reference	
A	B	C				
mm	mm	mm	pcs			
300	300	150	1	SSETS 910 030315	SSETS 100 030315	
	400	150	1	SSETS 910 030415	SSETS 100 030415	
		200	1	SSETS 910 030420	SSETS 100 030420	
	500	200	1	SSETS 910 030520	SSETS 100 030520	
400	400	200	1	SSETS 910 040420	SSETS 100 040420	
	500	200	1	SSETS 910 040520	SSETS 100 040520	
	600	200	1	SSETS 910 040620	SSETS 100 040620	
		300	1	SSETS 910 040630	SSETS 100 040630	
500	500	200	1	SSETS 910 050520	SSETS 100 050520	
	700	200	1	SSETS 910 050720	SSETS 100 050720	
		300	1	SSETS 910 050730	SSETS 100 050730	
600	600	200	1	SSETS 910 060620	SSETS 100 060620	
	800	200	1	SSETS 910 060820	SSETS 100 060820	
		300	1	SSETS 910 060830	SSETS 100 060830	
	1000	300	1	SSETS 910 061030	SSETS 100 061030	
800	800	300	1	SSETS 910 080830	SSETS 100 080830	
	1000	300	1	SSETS 910 081030	SSETS 100 081030	
	1200	300	1	SSETS 910 081230	SSETS 100 081230	
1000	1000	300	2	SSETS 910 101030	SSETS 100 101030	

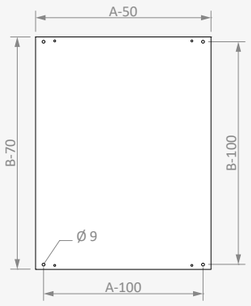
STAINLESS STEEL ENCLOSURES



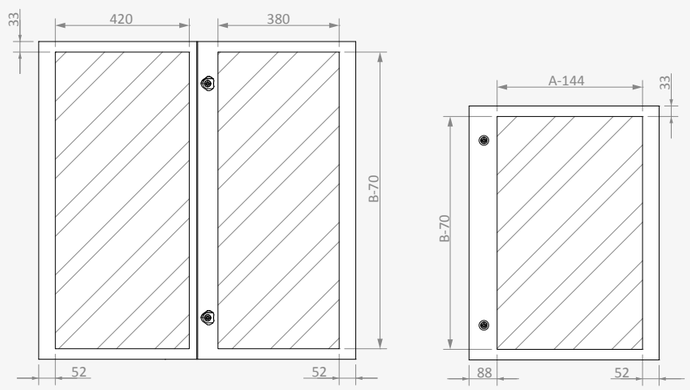
WALL MOUNTING



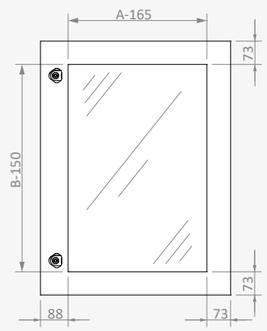
MOUNTING PLATE



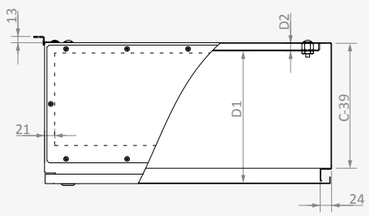
SOLID DOOR USEFUL AREA



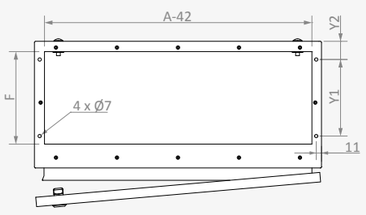
GLAZED DOOR APPARENT AREA



DEPTH DIMENSIONS



Width	Depth					
A	C	D1	D2	F	Y1	Y2
A < 600	150	129	13	59	45	23
	200	179	13	109	80	38
	300	279	13	193	160	38
A ≥ 600	200	176	16	109	80	38
	300	276	16	193	160	38



Width	Height	Depth	Reference	Useful Area			Glazed Door Apparent Area		Gland Plate			Wall Mounting						Mounting Plate	
				Door		Side						With Bracket				Internal			
												Side		Up/Down					
A	B	C		↔	↕	⇗	↔	↕	#	↔	⇗	↔	↕	↔	↕	↔	↕	↔	↕
mm	mm	mm		mm	mm	mm	mm	mm	pcs	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
300	300	150	SSETS xxx 030315	156	230	127	135	150	1	260	60	324	258	258	324	258	258	250	230
	400	150	SSETS xxx 030415	156	330	127	135	250	1	260	60	324	358	258	424	258	358	250	330
		200	SSETS xxx 030420	156	330	177	135	250	1	260	110	324	358	258	424	258	358	250	330
	500	200	SSETS xxx 030520	156	430	177	135	350	1	260	110	324	458	258	524	258	458	250	430
400	400	200	SSETS xxx 040420	256	330	177	235	250	1	360	110	424	358	358	424	358	358	350	330
	500	200	SSETS xxx 040520	256	430	177	235	350	1	360	110	424	458	358	524	358	458	350	430
	600	200	SSETS xxx 040620	256	530	177	235	450	1	360	110	424	558	358	624	358	558	350	530
		300	SSETS xxx 040630	256	530	277	235	450	1	360	210	424	558	358	624	358	558	350	530
500	500	200	SSETS xxx 050520	356	430	177	335	350	1	460	110	524	458	458	524	458	458	450	430
	700	200	SSETS xxx 050720	356	630	177	335	550	1	460	110	524	658	458	724	458	658	450	630
		300	SSETS xxx 050730	356	630	277	335	550	1	460	210	524	658	458	724	458	658	450	630
600	600	200	SSETS xxx 060620	456	530	177	435	450	1	560	110	624	558	558	624	558	558	550	530
	800	200	SSETS xxx 060820	456	730	177	435	650	1	560	110	624	758	558	824	558	758	550	730
		300	SSETS xxx 06 0830	456	730	277	435	650	1	560	210	624	758	558	824	558	758	550	730
	1000	300	SSETS xxx 061030	456	950	277	435	850	1	560	210	624	958	558	1024	558	958	550	930
800	800	300	SSETS xxx 080830	656	730	277	635	650	1	760	210	824	758	758	824	758	758	750	730
	1000	300	SSETS xxx 081030	656	930	277	635	850	1	760	210	824	958	758	1024	758	958	750	930
	1200	300	SSETS xxx 081230	656	1130	277	635	1150	1	760	210	824	1158	758	1224	758	1158	750	1130
1000	1000	300	SSETS xxx 101030	420+380	930	277	--	--	1	960	210	1024	958	958	1024	958	958	950	930

STAINLESS STEEL ENCLOSURES

Characteristics

Material

Stainless Steel 304L (EN 10088 1.4307)
- Frame : 1.5 mm
- Panel : 1.2 mm
- Door : 1.5 mm
- Plinth : 1.5 mm

Galvanized Steel (EN 10346 DX51D+Z)
- Mounting plate : 2 mm

Surface Finishing
- Scotch-brite brushed

IP Rating
- IP55 (TS 3033, EN 60529)

Others
- Welded frame construction
- Foamed-in door/rear panel PU sealing gasket
- Swing-handle polyamide lock (3 points locking, 333 key)
- Door and panel options for rear side
- Multiple mounting plate possibility
- The modular construction can be join
- Removable side panels
- Plinth and cover options



On Request
- Special sizes
- Special colour
- Pre-punching
- Flat pack options
- 316L Grade SS



Supply Includes
- Front and rear frame
- Door (Select ≈ K)
- Rear panel (Select ≈ K)
- Mounting plate (Option ≈ M)
- Plinth (Option ≈ P)
- Top cover
- 4/6 pcs side rails

Complementary Accessories
- Side panels
- Eye bolt
- Rain canopy
- Door inside mounting profile
- Short mounting plate
- Partial mounting plate
- Infill mounting plate
- Carriage depth slide and support
- Partition profile
- L, U and Z profiles
- L and Z brackets
- Busbar & depth profile
- Ladder busbar profile
- Joining set
- Adjustable / pull out perforated shelf
- Plan pocket
- Plastic cover plate
- Earthing cable
- Botom cover plate

Width A	Height B	Depth C	Reference	Door	Hinge	Glazed Door
mm	mm	mm		pcs	pcs	Y / N
400	600	400	SSAS xxx 040640	1	2	✓
		500	SSAS xxx 040650	1	2	✓
		600	SSAS xxx 040660	1	2	✓
	800	400	SSAS xxx 040840	1	2	✓
		500	SSAS xxx 040850	1	2	✓
		600	SSAS xxx 040860	1	2	✓
	1000	400	SSAS xxx 041040	1	2	✓
		500	SSAS xxx 041050	1	2	✓
		600	SSAS xxx 041060	1	2	✓
	1200	400	SSAS xxx 041240	1	2	✓
		500	SSAS xxx 041250	1	2	✓
		600	SSAS xxx 041260	1	2	✓
	1400	400	SSAS xxx 041440	1	3	✓
		500	SSAS xxx 041450	1	3	✓
		600	SSAS xxx 041460	1	3	✓
	1600	400	SSAS xxx 041640	1	3	✓
		500	SSAS xxx 041650	1	3	✓
		600	SSAS xxx 041660	1	3	✓
	1800	400	SSAS xxx 041840	1	3	✓
		500	SSAS xxx 041850	1	3	✓
		600	SSAS xxx 041860	1	3	✓
		800	SSAS xxx 041880	1	3	✓
	2000	400	SSAS xxx 042040	1	3	✓
		500	SSAS xxx 042050	1	3	✓
		600	SSAS xxx 042060	1	3	✓
		800	SSAS xxx 042080	1	3	✓
600	600	400	SSAS xxx 060640	1	2	✓
		500	SSAS xxx 060650	1	2	✓
		600	SSAS xxx 060660	1	2	✓
	800	400	SSAS xxx 060840	1	2	✓
		500	SSAS xxx 060850	1	2	✓
		600	SSAS xxx 060860	1	2	✓
	1000	400	SSAS xxx 061040	1	2	✓
		500	SSAS xxx 061050	1	2	✓
		600	SSAS xxx 061060	1	2	✓
	1200	400	SSAS xxx 061240	1	2	✓
		500	SSAS xxx 061250	1	2	✓
		600	SSAS xxx 061260	1	2	✓
	1400	400	SSAS xxx 061440	1	3	✓
		500	SSAS xxx 061450	1	3	✓
		600	SSAS xxx 061460	1	3	✓
	1600	400	SSAS xxx 061640	1	3	✓
		500	SSAS xxx 061650	1	3	✓
		600	SSAS xxx 061660	1	3	✓
	1800	400	SSAS xxx 061840	1	3	✓
		500	SSAS xxx 061850	1	3	✓
		600	SSAS xxx 061860	1	3	✓
		800	SSAS xxx 061880	1	3	✓
	2000	400	SSAS xxx 062040	1	3	✓
		500	SSAS xxx 062050	1	3	✓
		600	SSAS xxx 062060	1	3	✓
		800	SSAS xxx 062080	1	3	✓
800	600	400	SSAS xxx 040640	1	2	✓
		500	SSAS xxx 040650	1	2	✓
		600	SSAS xxx 040660	1	2	✓
	800	400	SSAS xxx 040840	1	2	✓
		500	SSAS xxx 040850	1	2	✓
		600	SSAS xxx 040860	1	2	✓
	1000	400	SSAS xxx 041040	1	2	✓
		500	SSAS xxx 041050	1	2	✓
		600	SSAS xxx 041060	1	2	✓

Width A	Height B	Depth C	Reference	Door	Hinge	Glazed Door
mm	mm	mm		pcs	pcs	Y / N
800	1200	400	SSAS xxx 081240	1	2	✓
		500	SSAS xxx 081250	1	2	✓
		600	SSAS xxx 081260	1	2	✓
	1400	400	SSAS xxx 081440	1	3	✓
		500	SSAS xxx 081450	1	3	✓
		600	SSAS xxx 081460	1	3	✓
	1600	400	SSAS xxx 081640	1	3	✓
		500	SSAS xxx 081650	1	3	✓
		600	SSAS xxx 081660	1	3	✓
	1800	400	SSAS xxx 081840	1	3	✓
		500	SSAS xxx 081850	1	3	✓
		600	SSAS xxx 081860	1	3	✓
		800	SSAS xxx 081880	1	3	✓
	2000	400	SSAS xxx 082040	1	3	✓
		500	SSAS xxx 082050	1	3	✓
		600	SSAS xxx 082060	1	3	✓
		800	SSAS xxx 082080	1	3	✓
1000	1800	400	SSAS xxx 101840	2	3+3	–
		500	SSAS xxx 101850	2	3+3	–
		600	SSAS xxx 101860	2	3+3	–
		800	SSAS xxx 101880	2	3+3	–
	2000	400	SSAS xxx 102040	2	3+3	–
		500	SSAS xxx 102050	2	3+3	–
		600	SSAS xxx 102060	2	3+3	–
		800	SSAS xxx 102080	2	3+3	–
1200	1800	400	SSAS xxx 121840	2	3+3	–
		500	SSAS xxx 121850	2	3+3	–
		600	SSAS xxx 121860	2	3+3	–
		800	SSAS xxx 121880	2	3+3	–
	2000	400	SSAS xxx 122040	2	3+3	–
		500	SSAS xxx 122050	2	3+3	–
		600	SSAS xxx 122060	2	3+3	–
		800	SSAS xxx 122080	2	3+3	–
1400	1800	400	SSAS xxx 141840	2	3+3	–
		500	SSAS xxx 141850	2	3+3	–
		600	SSAS xxx 141860	2	3+3	–
		800	SSAS xxx 141880	2	3+3	–
	2000	400	SSAS xxx 142040	2	3+3	–
		500	SSAS xxx 142050	2	3+3	–
		600	SSAS xxx 142060	2	3+3	–
		800	SSAS xxx 142080	2	3+3	–

SSAS 1 1 0 10 20 40

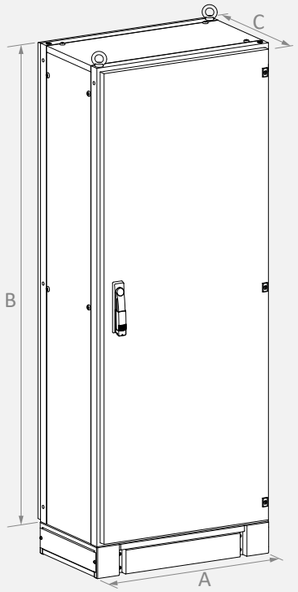
Product Group	- - -	K	M	P	GG	YY	DD

Depth
Height
Width

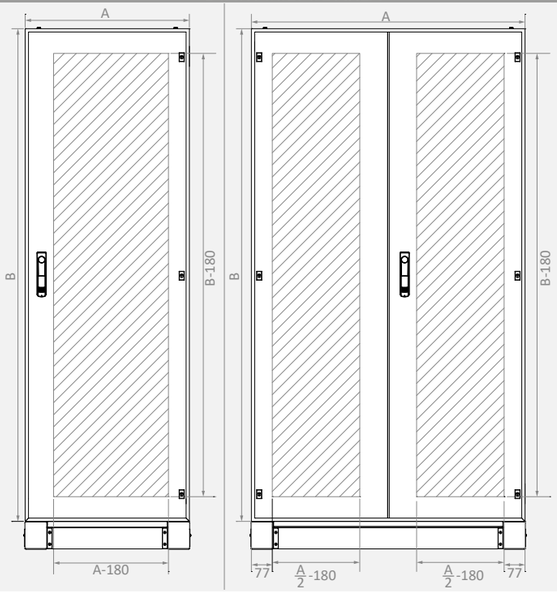
Door / Rear Panel
- **1** - Solid door + Rear Panel
- **2** - Glazed door + Rear Panel
- **3** - Pre-punched D. + Rear Panel
- **4** - Solid door + Solid door
- **5** - Glazed door + Solid door
- **6** - Pre-punched D. + Solid door
- **7** - Glazed door + Glazed door
- **8** - Pre-punched D. + Glazed door
- **9** - Pre-punched D. + Pre-punched D.
- **A** - Solid door + Fixed Rear Panel
- **B** - Glazed D. + Fixed Rear Panel
- **C** - Pre-punched D. + Fixed Rear Panel

Mounting Plate
- **0** - None
- **1** - Mounting plate c/w Sliding Rail / Front Fixing
- **2** - Double mounting plate c/w Sliding Rail / Front Fixing
- **3** - Mounting plate c/w Fixed Type on Rear Frame / Front Fixing
- **4** - Mounting plate c/w Sliding Rail / Side Fixing
- **5** - Sliding Rail/Front Fixing c/w Most Rear Position Front Fixing

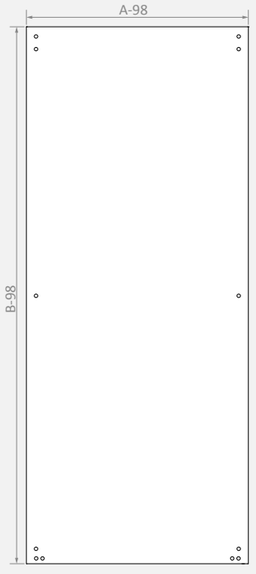
Plinth
- **0** - None
- **1** - 100mm / Blank cover
- **2** - 100mm / Sliding cover
- **3** - 100mm / Brushed cover
- **4** - 200mm / Blank cover
- **5** - 200mm / Sliding cover
- **6** - 200mm / Brushed cover
- **7** - Bottom cover plate



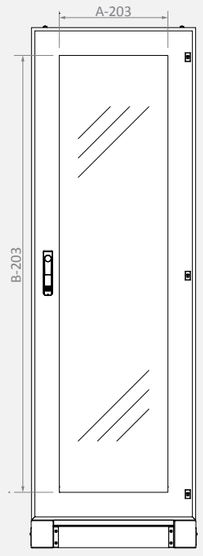
DOOR USEFUL AREA



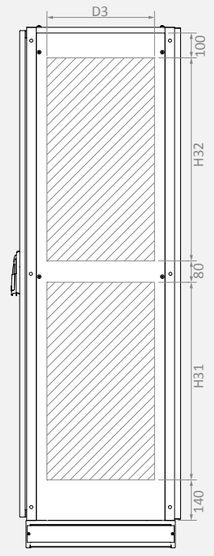
MOUNTING PLATE



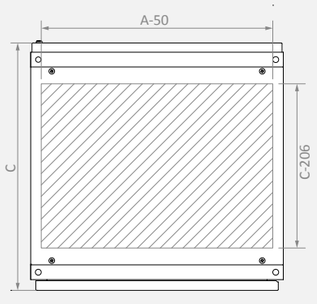
GLAZED DOOR



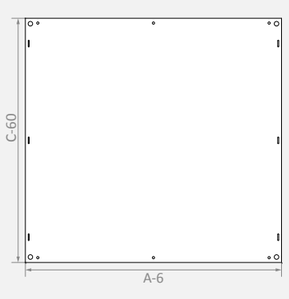
SIDE PANEL



TOP COVER



BOTTOM COVER PLATE



Width A mm	Height B mm	Reference	Solid Door	Useful Area ↔ mm	Useful Area ↕ mm	Glazed Door	Apparent Area ↔ mm	Apparent Area ↕ mm	Mounting Plate	Dimensions ↔ mm	Dimensions ↕ mm
400	600	SSAS xxx 0406**	SSAS KP 0406	220	420	SSAS KPX 0406	197	397	AS TS 0406	302	502
	800	SSAS xxx 0408**	SSAS KP 0408	220	620	SSAS KPX 0408	197	597	AS TS 0408	302	702
	1000	SSAS xxx 0410**	SSAS KP 0410	220	820	SSAS KPX 0410	197	797	AS TS 0410	302	902
	1200	SSAS xxx 0412**	SSAS KP 0412	220	1020	SSAS KPX 0412	197	997	AS TS 0412	302	1102
	1400	SSAS xxx 0414**	SSAS KP 0414	220	1220	SSAS KPX 0414	197	1197	AS TS 0414	302	1302
	1600	SSAS xxx 0416**	SSAS KP 0416	220	1420	SSAS KPX 0416	197	1397	AS TS 0416	302	1502
	1800	SSAS xxx 0418**	SSAS KP 0418	220	1620	SSAS KPX 0418	197	1597	AS TS 0418	302	1702
	2000	SSAS xxx 0420**	SSAS KP 0420	220	1820	SSAS KPX 0420	197	1797	AS TS 0420	302	1902
600	600	SSAS xxx 0606**	SSAS KP 0606	420	420	SSAS KPX 0606	397	397	AS TS 0606	502	502
	800	SSAS xxx 0608**	SSAS KP 0608	420	620	SSAS KPX 0608	397	597	AS TS 0608	502	702
	1000	SSAS xxx 0610**	SSAS KP 0610	420	820	SSAS KPX 0610	397	797	AS TS 0610	502	902
	1200	SSAS xxx 0612**	SSAS KP 0612	420	1020	SSAS KPX 0612	397	997	AS TS 0612	502	1102
	1400	SSAS xxx 0614**	SSAS KP 0614	420	1220	SSAS KPX 0614	397	1197	AS TS 0614	502	1302
	1600	SSAS xxx 0616**	SSAS KP 0616	420	1420	SSAS KPX 0616	397	1397	AS TS 0616	502	1502
	1800	SSAS xxx 0618**	SSAS KP 0618	420	1620	SSAS KPX 0618	397	1597	AS TS 0618	502	1702
	2000	SSAS xxx 0620**	SSAS KP 0620	420	1820	SSAS KPX 0620	397	1797	AS TS 0620	502	1902
800	600	SSAS xxx 0806**	SSAS KP 0806	620	420	SSAS KPX 0806	597	397	AS TS 0806	702	502
	800	SSAS xxx 0808**	SSAS KP 0808	620	620	SSAS KPX 0808	597	597	AS TS 0808	702	702
	1000	SSAS xxx 0810**	SSAS KP 0810	620	820	SSAS KPX 0810	597	797	AS TS 0810	702	902
	1200	SSAS xxx 0812**	SSAS KP 0812	620	1020	SSAS KPX 0812	597	997	AS TS 0812	702	1102
	1400	SSAS xxx 0814**	SSAS KP 0814	620	1220	SSAS KPX 0814	597	1197	AS TS 0814	702	1302
	1600	SSAS xxx 0816**	SSAS KP 0816	620	1420	SSAS KPX 0816	597	1397	AS TS 0816	702	1502
	1800	SSAS xxx 0818**	SSAS KP 0818	620	1620	SSAS KPX 0818	597	1597	AS TS 0818	702	1702
	2000	SSAS xxx 0820**	SSAS KP 0820	620	1820	SSAS KPX 0820	597	1797	AS TS 0820	702	1902
1000	1800	SSAS xxx 1018**	SSAS KP 1018	320 + 320	1620	-- --	-- --	-- --	AS TS 1018	902	1702
	2000	SSAS xxx 1020**	SSAS KP 1020	320 + 320	1820	-- --	-- --	-- --	AS TS 1020	902	1902
1200	1800	SSAS xxx 1218**	SSAS KP 1218	420 + 420	1620	-- --	-- --	-- --	AS TS 1218	1102	1702
	2000	SSAS xxx 1220**	SSAS KP 1220	420 + 420	1820	-- --	-- --	-- --	AS TS 1220	1102	1902
1400	1800	SSAS xxx 1418**	SSAS KP 1418	520 + 520	1620	-- --	-- --	-- --	AS TS 1418	1302	1702
	2000	SSAS xxx 1420**	SSAS KP 1420	520 + 520	1820	-- --	-- --	-- --	AS TS 1420	1302	1902

Height B mm	Depth C mm	Reference	Side Panel	Useful Area D3 mm	Useful Area H31 mm	Useful Area H32 mm
600	400	SSAS xxx **0640	SSAS YS 0640	194	340	-
	500	SSAS xxx **0650	SSAS YS 0650	294	340	-
	600	SSAS xxx **0660	SSAS YS 0660	394	340	-
800	400	SSAS xxx **0840	SSAS YS 0840	194	540	-
	500	SSAS xxx **0850	SSAS YS 0850	294	540	-
	600	SSAS xxx **0860	SSAS YS 0860	394	540	-
1000	400	SSAS xxx **1040	SSAS YS 1040	194	740	-
	500	SSAS xxx **1050	SSAS YS 1050	294	740	-
	600	SSAS xxx **1060	SSAS YS 1060	394	740	-
1200	400	SSAS xxx **1240	SSAS YS 1240	194	940	-
	500	SSAS xxx **1250	SSAS YS 1250	294	940	-
	600	SSAS xxx **1260	SSAS YS 1260	394	940	-
1400	400	SSAS xxx **1440	SSAS YS 1440	194	520	540
	500	SSAS xxx **1450	SSAS YS 1450	294	520	540
	600	SSAS xxx **1460	SSAS YS 1460	394	520	540
1600	400	SSAS xxx **1640	SSAS YS 1640	194	640	620
	500	SSAS xxx **1650	SSAS YS 1650	294	640	620
	600	SSAS xxx **1660	SSAS YS 1660	394	640	620
1800	400	SSAS xxx **1840	SSAS YS 1840	194	720	740
	500	SSAS xxx **1850	SSAS YS 1850	294	720	740
	600	SSAS xxx **1860	SSAS YS 1860	394	720	740
	800	SSAS xxx **1880	SSAS YS 1880	594	720	740
2000	400	SSAS xxx **2040	SSAS YS 2040	194	840	820
	500	SSAS xxx **2050	SSAS YS 2050	294	840	820
	600	SSAS xxx **2060	SSAS YS 2060	394	840	820
	800	SSAS xxx **2080	SSAS YS 2080	594	840	820

Width A mm	Depth C mm	Reference	Top Cover	Useful Area ↔ mm	Useful Area ⇙ mm	Bottom Cover Plate	Dimensions ↔ mm	Dimensions ↕ mm
400	400	SSAS xxx 04**40	SSAS TAV 04040	350	194	SSAS BS 04040	394	340
	500	SSAS xxx 04**50	SSAS TAV 04050	350	294	SSAS BS 04050	394	440
	600	SSAS xxx 04**60	SSAS TAV 04060	350	394	SSAS BS 04060	394	540
	800	SSAS xxx 04**80	SSAS TAV 04080	350	594	SSAS BS 04080	394	740
600	400	SSAS xxx 06**40	SSAS TAV 06040	550	194	SSAS BS 06040	594	340
	500	SSAS xxx 06**50	SSAS TAV 06050	550	294	SSAS BS 06050	594	440
	600	SSAS xxx 06**60	SSAS TAV 06060	550	394	SSAS BS 06060	594	540
	800	SSAS xxx 06**80	SSAS TAV 06080	550	594	SSAS BS 06080	594	740
800	400	SSAS xxx 08**40	SSAS TAV 08040	750	194	SSAS BS 08040	794	340
	500	SSAS xxx 08**50	SSAS TAV 08050	750	294	SSAS BS 08050	794	440
	600	SSAS xxx 08**60	SSAS TAV 08060	750	394	SSAS BS 08060	794	540
	800	SSAS xxx 08**80	SSAS TAV 08080	750	594	SSAS BS 08080	794	740
1000	400	SSAS xxx 10**40	SSAS TAV 10040	950	194	SSAS BS 10040	994	340
	500	SSAS xxx 10**50	SSAS TAV 10050	950	294	SSAS BS 10050	994	440
	600	SSAS xxx 10**60	SSAS TAV 10060	950	394	SSAS BS 10060	994	540
	800	SSAS xxx 10**80	SSAS TAV 10080	950	594	SSAS BS 10080	994	740
1200	400	SSAS xxx 12**40	SSAS TAV 12040	1150	194	SSAS BS 12040	1194	340
	500	SSAS xxx 12**50	SSAS TAV 12050	1150	294	SSAS BS 12050	1194	440
	600	SSAS xxx 12**60	SSAS TAV 12060	1150	394	SSAS BS 12060	1194	540
	800	SSAS xxx 12**80	SSAS TAV 12080	1150	594	SSAS BS 12080	1194	740
1400	400	SSAS xxx 14**40	SSAS TAV 14040	1350	194	SSAS BS 14040	1394	340
	500	SSAS xxx 14**50	SSAS TAV 14050	1350	294	SSAS BS 14050	1394	440
	600	SSAS xxx 14**60	SSAS TAV 14060	1350	394	SSAS BS 14060	1394	540
	800	SSAS xxx 14**80	SSAS TAV 14080	1350	594	SSAS BS 14080	1394	740

Characteristics

Material

Stainless Steel 304L (EN 10088 1.4307)
- Body : 1.5 mm
- Door : 1.5 mm
- Plinth : 1.5 mm

Galvanized Steel (EN 10346 DX51D+Z)
- Mounting plate : 2 mm

Surface Finishing
- Scotch-brite brushed

IP Rating
- IP65 (TS 3033, EN 60529)

Others
- Fully welded monobloc body
- Foamed-in door PU sealing gasket
- Swing-handle polyamide lock (3 points locking, 333 key)
- Concealed hinge
- Multiple mounting plate possibility
- Plinth and cover options



On Request
- Special sizes
- Special colour
- Pre-punching
- 316L Grade SS



Supply Includes
- Body
- Door (Select ≈ K)
- Rear panel (Select ≈ K)
- Mounting plate (Option ≈ M)
- Plinth (Option ≈ P)

Complementary Accessories
- Rain canopy
- Door inside mounting profile
- Partial mounting plate
- Carriage depth slide and support
- L, U and Z profiles
- L and Z brackets
- Plan pocket
- Earthing cable
- 4/6 pcs side rails
- 4 pcs Z profiles

Width A	Height B	Depth C	Reference	Door	Hinge
mm	mm	mm		pcs	pcs
400	600	400	SSMS xxx 040640	1	2
		500	SSMS xxx 040650	1	2
		600	SSMS xxx 040660	1	2
	800	400	SSMS xxx 040840	1	2
		500	SSMS xxx 040850	1	2
		600	SSMS xxx 040860	1	2
	1000	400	SSMS xxx 041040	1	2
		500	SSMS xxx 041050	1	2
		600	SSMS xxx 041060	1	2
	1200	400	SSMS xxx 041240	1	2
		500	SSMS xxx 041250	1	2
		600	SSMS xxx 041260	1	2
	1400	400	SSMS xxx 041440	1	3
		500	SSMS xxx 041450	1	3
		600	SSMS xxx 041460	1	3
	1600	400	SSMS xxx 041640	1	3
		500	SSMS xxx 041650	1	3
		600	SSMS xxx 041660	1	3
	1800	400	SSMS xxx 041840	1	3
		500	SSMS xxx 041850	1	3
		600	SSMS xxx 041860	1	3
		800	SSMS xxx 041880	1	3
	2000	400	SSMS xxx 042040	1	3
		500	SSMS xxx 042050	1	3
		600	SSMS xxx 042060	1	3
		800	SSMS xxx 042080	1	3
600	600	400	SSMS xxx 060640	1	2
		500	SSMS xxx 060650	1	2
		600	SSMS xxx 060660	1	2
	800	400	SSMS xxx 060840	1	2
		500	SSMS xxx 060850	1	2
		600	SSMS xxx 060860	1	2
	1000	400	SSMS xxx 061040	1	2
		500	SSMS xxx 061050	1	2
		600	SSMS xxx 061060	1	2
	1200	400	SSMS xxx 061240	1	2
		500	SSMS xxx 061250	1	2
		600	SSMS xxx 061260	1	2
	1400	400	SSMS xxx 061440	1	3
		500	SSMS xxx 061450	1	3
		600	SSMS xxx 061460	1	3
	1600	400	SSMS xxx 061640	1	3
		500	SSMS xxx 061650	1	3
		600	SSMS xxx 061660	1	3
	1800	400	SSMS xxx 061840	1	3
		500	SSMS xxx 061850	1	3
		600	SSMS xxx 061860	1	3
		800	SSMS xxx 061880	1	3
	2000	400	SSMS xxx 062040	1	3
		500	SSMS xxx 062050	1	3
		600	SSMS xxx 062060	1	3
		800	SSMS xxx 062080	1	3

Width A	Height B	Depth C	Reference	Door	Hinge
mm	mm	mm		pcs	pcs
800	600	400	SSMS xxx 080640	1	2
		500	SSMS xxx 080650	1	2
		600	SSMS xxx 080660	1	2
	800	400	SSMS xxx 080840	1	2
		500	SSMS xxx 080850	1	2
		600	SSMS xxx 080860	1	2
	1000	400	SSMS xxx 081040	1	2
		500	SSMS xxx 081050	1	2
		600	SSMS xxx 081060	1	2
	1200	400	SSMS xxx 081240	1	2
		500	SSMS xxx 081250	1	2
		600	SSMS xxx 081260	1	2
	1400	400	SSMS xxx 081440	1	3
		500	SSMS xxx 081450	1	3
		600	SSMS xxx 081460	1	3
	1600	400	SSMS xxx 081640	1	3
		500	SSMS xxx 081650	1	3
		600	SSMS xxx 081660	1	3
	1800	400	SSMS xxx 081840	1	3
		500	SSMS xxx 081850	1	3
		600	SSMS xxx 081860	1	3
		800	SSMS xxx 081880	1	3
	2000	400	SSMS xxx 082040	1	3
		500	SSMS xxx 082050	1	3
		600	SSMS xxx 082060	1	3
		800	SSMS xxx 082080	1	3
1000	1800	400	SSMS xxx 101840	2	3+3
		500	SSMS xxx 101850	2	3+3
		600	SSMS xxx 101860	2	3+3
		800	SSMS xxx 101880	2	3+3
	2000	400	SSMS xxx 102040	2	3+3
		500	SSMS xxx 102050	2	3+3
		600	SSMS xxx 102060	2	3+3
		800	SSMS xxx 102080	2	3+3
1200	1800	400	SSMS xxx 121840	2	3+3
		500	SSMS xxx 121850	2	3+3
		600	SSMS xxx 121860	2	3+3
		800	SSMS xxx 121880	2	3+3
	2000	400	SSMS xxx 122040	2	3+3
		500	SSMS xxx 122050	2	3+3
		600	SSMS xxx 122060	2	3+3
		800	SSMS xxx 122080	2	3+3
1400	1800	400	SSMS xxx 141840	2	3+3
		500	SSMS xxx 141850	2	3+3
		600	SSMS xxx 141860	2	3+3
		800	SSMS xxx 141880	2	3+3
	2000	400	SSMS xxx 142040	2	3+3
		500	SSMS xxx 142050	2	3+3
		600	SSMS xxx 142060	2	3+3
		800	SSMS xxx 142080	2	3+3

SSMS 1 1 0 10 20 40

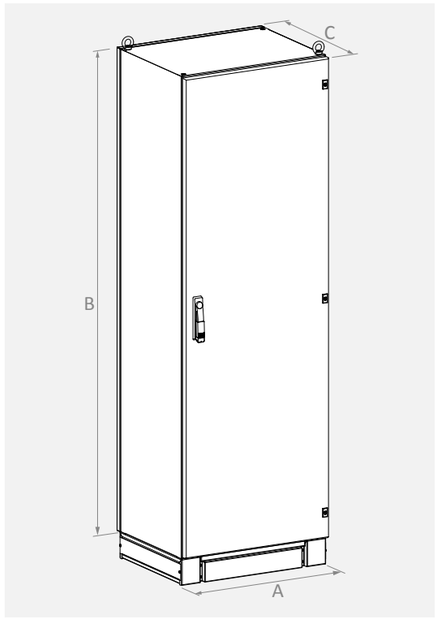
Product Group - - -

Door / Rear Panel (K)
- **1** - Solid door + Rear Panel
- **3** - Pre-punched D. + Rear Panel
- **4** - Solid door + Solid door
- **6** - Pre-punched D. + Solid door
- **9** - Pre-punched D. + Pre-punched D.

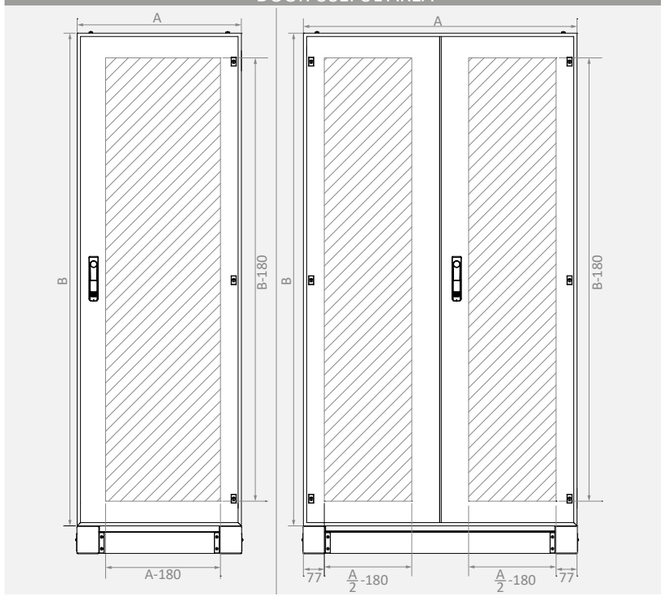
Mounting Plate (M)
- **0** - None
- **1** - Mounting plate c/w Sliding Rail / Front Fixing
- **2** - Double mounting plate c/w Sliding Rail / Front Fixing
- **3** - Mounting plate c/w Fixed Type on Rear Frame / Front Fixing
- **4** - Mounting plate c/w Sliding Rail / Side Fixing

Plinth (P)
- **0** - None
- **1** - 100mm / Blank cover
- **2** - 100mm / Sliding cover
- **3** - 100mm / Brushed cover
- **4** - 200mm / Blank cover
- **5** - 200mm / Sliding cover
- **6** - 200mm / Brushed cover
- **7** - Bottom cover plate

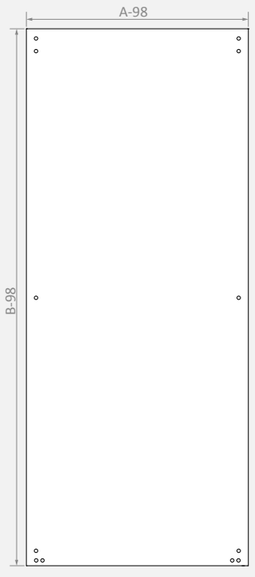
GG Width
YY Height
DD Depth



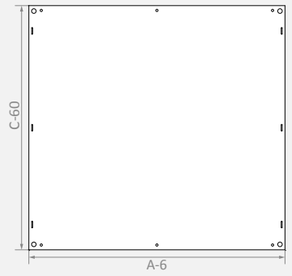
DOOR USEFUL AREA



MOUNTING PLATE



BOTTOM COVER PLATE



Width A mm	Height B mm	Reference	Solid Door	Useful Area ↔ mm	Useful Area ↕ mm	Mounting Plate	Dimensions ↔ mm	Dimensions ↕ mm
400	600	AS xxx 0406**	SSAS KP0406	220	420	AS TS0406	302	502
	800	AS xxx 0408**	SSAS KP0408	220	620	AS TS0408	302	702
	1000	AS xxx 0410**	SSAS KP0410	220	820	AS TS0410	302	902
	1200	AS xxx 0412**	SSAS KP0412	220	1020	AS TS0412	302	1102
	1400	AS xxx 0414**	SSAS KP0414	220	1220	AS TS0414	302	1302
	1600	AS xxx 0416**	SSAS KP0416	220	1420	AS TS0416	302	1502
	1800	AS xxx 0418**	SSAS KP0418	220	1620	AS TS0418	302	1702
	2000	AS xxx 0420**	SSAS KP0420	220	1820	AS TS0420	302	1902
600	600	AS xxx 0606**	SSAS KP0606	420	420	AS TS0606	502	502
	800	AS xxx 0608**	SSAS KP0608	420	620	AS TS0608	502	702
	1000	AS xxx 0610**	SSAS KP0610	420	820	AS TS0610	502	902
	1200	AS xxx 0612**	SSAS KP0612	420	1020	AS TS0612	502	1102
	1400	AS xxx 0614**	SSAS KP0614	420	1220	AS TS0614	502	1302
	1600	AS xxx 0616**	SSAS KP0616	420	1420	AS TS0616	502	1502
	1800	AS xxx 0618**	SSAS KP0618	420	1620	AS TS0618	502	1702
	2000	AS xxx 0620**	SSAS KP0620	420	1820	AS TS0620	502	1902
800	600	AS xxx 0806**	SSAS KP0806	620	420	AS TS0806	702	502
	800	AS xxx 0808**	SSAS KP0808	620	620	AS TS0808	702	702
	1000	AS xxx 0810**	SSAS KP0810	620	820	AS TS0810	702	902
	1200	AS xxx 0812**	SSAS KP0812	620	1020	AS TS0812	702	1102
	1400	AS xxx 0814**	SSAS KP0814	620	1220	AS TS0814	702	1302
	1600	AS xxx 0816**	SSAS KP0816	620	1420	AS TS0816	702	1502
	1800	AS xxx 0818**	SSAS KP0818	620	1620	AS TS0818	702	1702
	2000	AS xxx 0820**	SSAS KP0820	620	1820	AS TS0820	702	1902
1000	1800	AS xxx 1018**	SSAS KP1018	320 + 320	1620	AS TS1018	902	1702
	2000	AS xxx 1020**	SSAS KP1020	320 + 320	1820	AS TS1020	902	1902
1200	1800	AS xxx 1218**	SSAS KP1218	420 + 420	1620	AS TS1218	1102	1702
	2000	AS xxx 1220**	SSAS KP1220	420 + 420	1820	AS TS1220	1102	1902
1400	1800	AS xxx 1418**	SSAS KP1418	520 + 520	1620	AS TS1418	1302	1702
	2000	AS xxx 1420**	SSAS KP1420	520 + 520	1820	AS TS1420	1302	1902

Width A mm	Depth C mm	Reference	Bottom Cover Plate	Dimensions ↔ mm	Dimensions ↙ mm
400	400	AS xxx 04**40	SSAS BS0440	394	340
	500	AS xxx 04**50	SSAS BS0450	394	440
	600	AS xxx 04**60	SSAS BS0460	394	540
	800	AS xxx 04**80	SSAS BS0480	394	740
600	400	AS xxx 06**40	SSAS BS0640	594	340
	500	AS xxx 06**50	SSAS BS0650	594	440
	600	AS xxx 06**60	SSAS BS0660	594	540
	800	AS xxx 06**80	SSAS BS0680	594	740
800	400	AS xxx 08**40	SSAS BS0840	794	340
	500	AS xxx 08**50	SSAS BS0850	794	440
	600	AS xxx 08**60	SSAS BS0860	794	540
	800	AS xxx 08**80	SSAS BS0880	794	740
1000	400	AS xxx 10**40	SSAS BS1040	994	340
	500	AS xxx 10**50	SSAS BS1050	994	440
	600	AS xxx 10**60	SSAS BS1060	994	540
	800	AS xxx 10**80	SSAS BS1080	994	740
1200	400	AS xxx 12**40	SSAS BS1240	1194	340
	500	AS xxx 12**50	SSAS BS1250	1194	440
	600	AS xxx 12**60	SSAS BS1260	1194	540
	800	AS xxx 12**80	SSAS BS1280	1194	740
1400	400	AS xxx 14**40	SSAS BS1440	1394	340
	500	AS xxx 14**50	SSAS BS1450	1394	440
	600	AS xxx 14**60	SSAS BS1460	1394	540
	800	AS xxx 14**80	SSAS BS1480	1394	740

Characteristics

Material

Stainless Steel 304L (EN 10088 1.4307)

- Body : 1.2 mm
- Door : 1.2 mm

Surface Finishing

- Scotch-brite brushed

IP Rating

- IP55 (TS 3033, EN 60529)

Others

- Left and right handles
- Foamed-in rear door PU sealing gasket
- Hinged lockable rear door
- Top cable entry



On Request

- Special sizes
- Special mounting plate
- Pre-punching
- 316L Grade SS

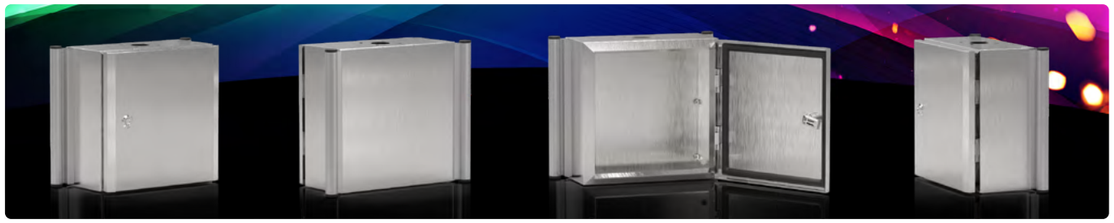


Supply Includes

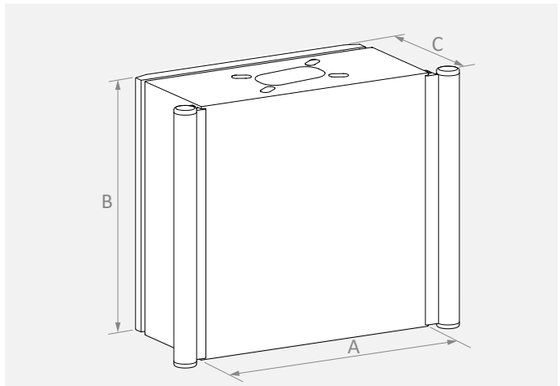
- Body
- Lockable rear door
- Handles

Complementary Accessories

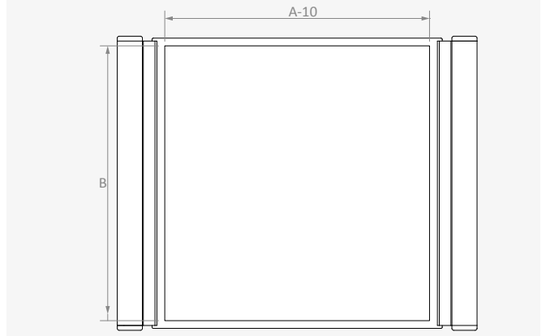
- Earthing cable
- DIN rail



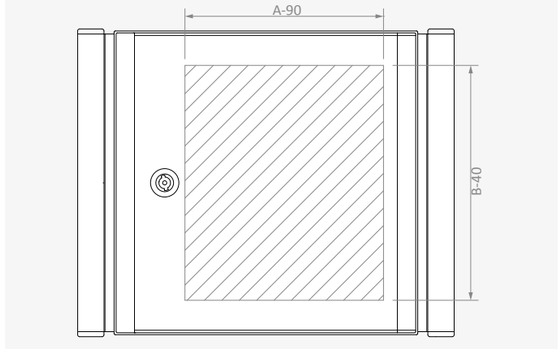
Width A	Height B	Depth C	Reference	Useful Area Side ↕	Useful Area Side ⤢	Rear Door ↔	Rear Door ↕	Front Useful Area ↔	Front Useful Area ↕	Support Arm System Connection ↔	Support Arm System Connection ↕
mm	mm	mm		mm	mm	mm	mm	mm	mm	mm	mm
300	300	160	SSKPA 030316	300	117	210	260	290	300	90	51.5
	400	160	SSKPA 030416	400	117	210	360	290	400	90	51.5
400	400	160	SSKPA 040416	400	117	310	360	390	400	90	51.5
	500	160	SSKPA 040516	500	117	310	460	390	500	90	51.5
500	500	160	SSKPA 050516	500	117	410	460	490	500	90	51.5



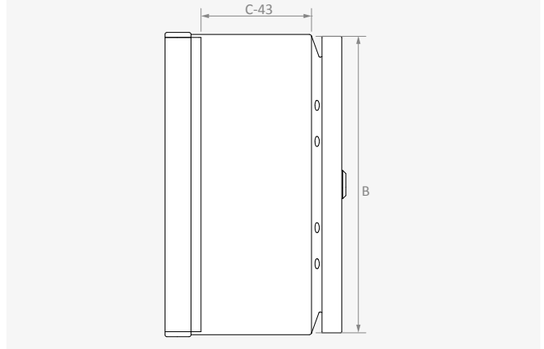
FRONT USEFUL AREA



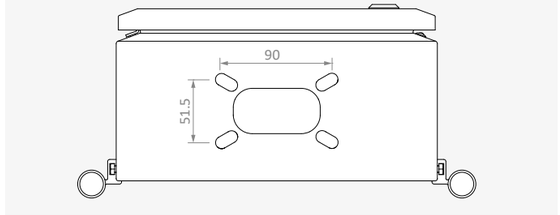
DOOR USEFUL AREA



SIDE USEFUL AREA



SUPPORT ARM SYSTEM CONNECTION



Characteristics

Material

Stainless Steel 304L (EN 10088 1.4307)

- Body : 1.2 mm
- Door : 1.2 mm

Galvanized (EN 10346 DX51D+Z)

- Mounting plate : 1.5 mm

Surface Finishing

- Scotch-brite brushed

IP Rating

- IP 66 / IP 69K

Lock Insert

- Stainless Steel 304

Others

- Monoblock enclosure
- Single Door with inserted silicone seal
- Door hinged on the right, 110° door opening
- Roof angled forwards by 30°
- Sealing gasket dyed blue to clearly distinguish it from foodstuffs
- FDA Compliant Seal (21 CFR 177.2600)
- Special lock design allows for easy cleaning



On Request

- Special sizes



Supply Includes

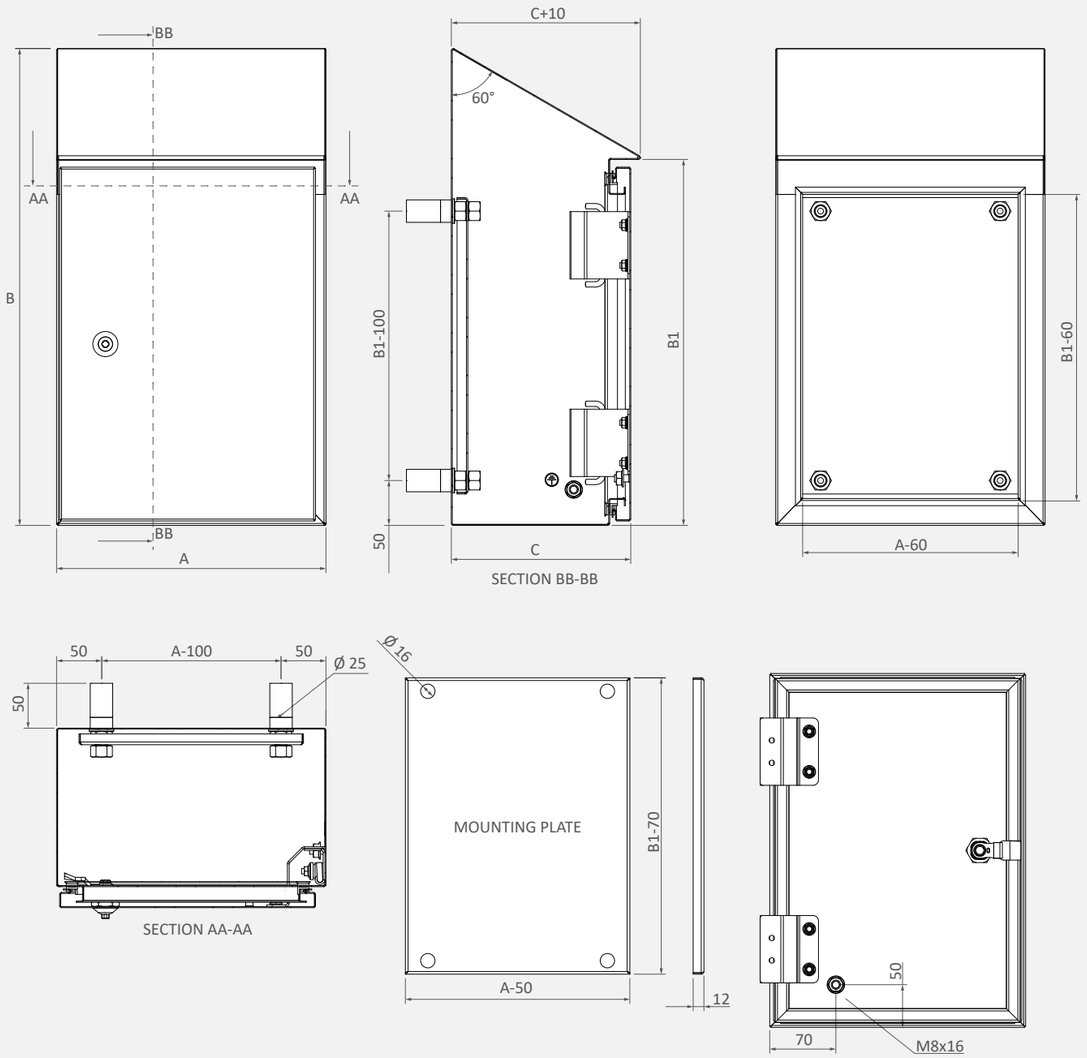
- Monoblock enclosure
- Single Door with inserted seal
- Door hinged on the right
- Mounting plate

Complementary Accessories

- Wall mounting adaptor
- Levelling Feet



Width A	Height Rear B	Height Front B1	Depth C	Reference	Door	Lock Type	Lock	Hinge	Wall Bracket	Weight	Application Options: Wall Bracket	Application Options: Levelling Feet
mm	mm	mm	mm		pcs		pcs	pcs	pcs	kg	Y / N	Y / N
300	431	300	200	HS 110 030320	1	C	1	2	4	7.3	✓	✓
300	531	400	200	HS 110 030420	1	C	1	2	4	8.6	✓	✓
400	731	400	200	HS 110 040420	1	C	1	2	4	10.4	✓	✓
400	731	600	200	HS 110 040620	1	C	2	2	4	13.7	✓	✓
400	789	600	300	HS 110 040630	1	C	2	2	4	16	✓	✓
500	831	700	200	HS 110 050720	1	C	2	3	4	18	✓	✓
500	889	700	300	HS 110 050730	1	C	2	3	4	20	✓	✓
600	931	800	200	HS 110 060820	1	C	3	3	4	23	✓	✓
600	989	800	300	HS 110 060830	1	C	3	3	4	26	✓	✓
600	1189	800	300	HS 110 061030	1	C	3	3	4	30	✓	✓
800	1189	800	300	HS 110 080830	1	C	3	3	4	32.5	✓	✓
800	1189	1000	300	HS 110 081030	1	C	3	3	4	41.6	✓	✓
800	1389	1200	300	HS 110 081230	1	C	3	3	4	48	✓	✓



Characteristics

Material

Stainless Steel 316L (EN 10088 1.4404)

- Body : 1.2 / 1.5 mm
- Door : 1.2 / 1.5 mm
- Plate : 2 mm

Surface Finishing

- Scotch-brite brushed

IP Rating

- IP66 (TS 3033, EN 60529)

Others

- Padlockable, removable, screw-type solid door
- Foamed-in door PU sealing gasket (-40°C +100°C)
- 180° Concealed hinge
- Door fastening with captive screws
- Impact strength 7 Joule
- Ambient Temperature -40°C to +55°C for T5
- Ambient Temperature -40°C to +40°C for T6
- Horizontal or vertical terminal options
- Ex e & Ex ia protection
- Zone1 (Category 2), Zone 2 (Category 3) & Zone 21 & 22.
- M6/M10 integral internal / external earthing stud



On Request

- Special sizes
- 0,2,3,4 gland plate options
- Special mounting plate
- Pre-galvanized steel + painted



Supply Includes

- Body
- Door
- Earth stud

Complementary Accessories

- Mounting plate
- DIN rail
- Earthing cable
- DIN rail mounting bracket (vertical / horizontal)

Width A	Height B	Depth C	Reference	Thickness Body	Thickness Door	Thickness Plate	Hinge	Weight
mm	mm	mm		mm	mm	mm	pcs	kg
120	120	80	TES 121208-S	1.2	1.2	-- --	-- --	1.4
150	150	90	TES 151509-S	1.2	1.2	-- --	-- --	1.9
190	190	100	TES 191910-S	1.2	1.2	-- --	-- --	3.0
152	229	135	TEX 152213-S1	1.5	1.5	2	2	3.3
260	260	160	TEX 262616-S1	1.5	1.5	2	2	5.5
260	260	200	TEX 262620-S1	1.5	1.5	2	2	5.5
260	380	160	TEX 263816-S1	1.5	1.5	2	2	7.0
260	380	200	TEX 263820-S1	1.5	1.5	2	2	7.0
306	306	160	TEX 303016-S1	1.5	1.5	2	2	7.0
306	306	200	TEX 303020-S1	1.5	1.5	2	2	7.0
350	500	160	TEX 355016-S1	1.5	1.5	2	2	10.5
350	500	200	TEX 355020-S1	1.5	1.5	2	2	10.5
382	458	160	TEX 384516-S1	1.5	1.5	2	2	9.8
382	458	200	TEX 384520-S1	1.5	1.5	2	2	9.8
450	620	160	TEX 456216-S1	1.5	1.5	2	3	17.0
450	620	200	TEX 456220-S1	1.5	1.5	2	3	17.0
480	480	160	TEX 484816-S1	1.5	1.5	2	2	10.4
480	480	200	TEX 484820-S1	1.5	1.5	2	2	10.4
508	762	200	TEX 507620-S1	1.5	1.5	2	3	23.5
550	740	200	TEX 557420-S1	1.5	1.5	2	3	23.5
610	914	200	TEX 619120-S1	1.5	1.5	2	3	31.0
640	860	200	TEX 648620-S1	1.5	1.5	2	3	29.0
740	980	200	TEX 749820-S1	1.5	1.5	2	3	38.0

Characteristics

Global (IECEx)

IECEx SIR 15.0056X

Gas&Dust
- Ex eb IIC T6 Gb (Tamb: -40°C to +40°C)
- Ex tb IIIC T57°C Db, IP66, (Tamb: -40°C to +40°C)
- Ex ia IIC T6 Ga (Tamb: +40°C to +40°C)

IECEx SIR 15.0057U (Component certificate)

Europe (ATEX)

SIRA 06 ATEX 3285X

Gas&Dust
- CE 2813 Ex II 2 G D — Ex eb IIC T6 Gb (Tamb: -40°C to +40°C)
- Ex tb IIIC T57°C Db, IP66, (Tamb: -40°C to +40°C)
- CE 2813 Ex II 1 G — Ex ia IIC T6 Ga (Tamb: -40°C to +40°C)

SIRA 06 ATEX 3286U (Component certificate)

UK (UKCA)

CSAE 22 UKEX 1136X

Gas&Dust
- UKCA 2813 Ex II 2 G D — Ex eb IIC T6 Gb (Tamb: -40°C to +40°C)
- Ex tb IIIC T57°C Db, IP66, (Tamb: -40°C to +40°C)
- UKCA 2813 Ex II 1 G — Ex ia IIC T6 Ga (Tamb: -40°C to +40°C)

CSAE 22 UKEX 1135U (Component certificate)

Classification Areas

Zone 1 (Category 2), Zone 2 (Category 3) & Zones 21 & 22

Design Standard

EN IEC 60079-0, EN IEC 60079-7, EN 60079-11, EN 60079-31

IP Rating

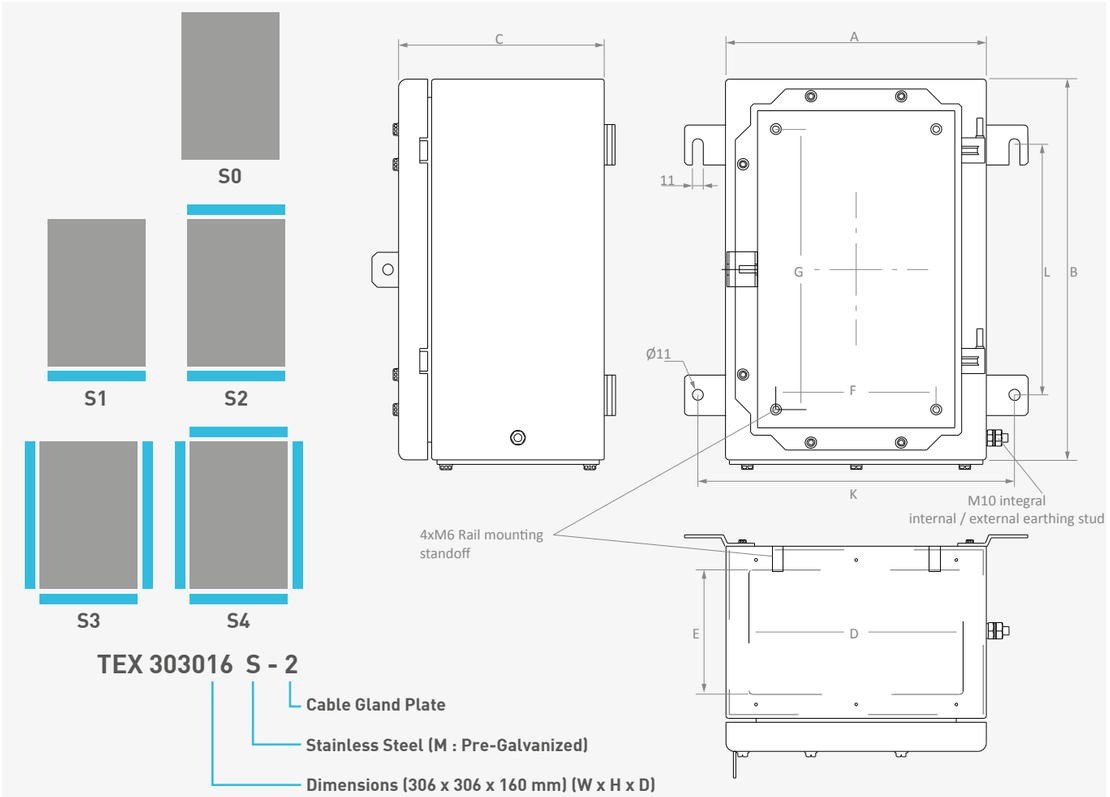
IP66 (TS 3033, IEC/EN 60529)

Material

Highly corrosion resistant 1.2 - 1.5 - 2.0mm stainless steel 316L

Gland Plates

2.0mm thickness, 0,1,2,3 & 4 gland plate options



TEX 303016 S - 2

- Cable Gland Plate
- Stainless Steel (M : Pre-Galvanized)
- Dimensions (306 x 306 x 160 mm) (W x H x D)

Characteristics

Material

Sheet Steel (EN 10130 DC01)

- Body : 1.2 / 1.5 mm
- Glazed door : 1.2 / 1.5 mm

Surface Finishing

- RAL7035w powder coating

IP Rating

- IP65 (TS 3033, EN 60529)

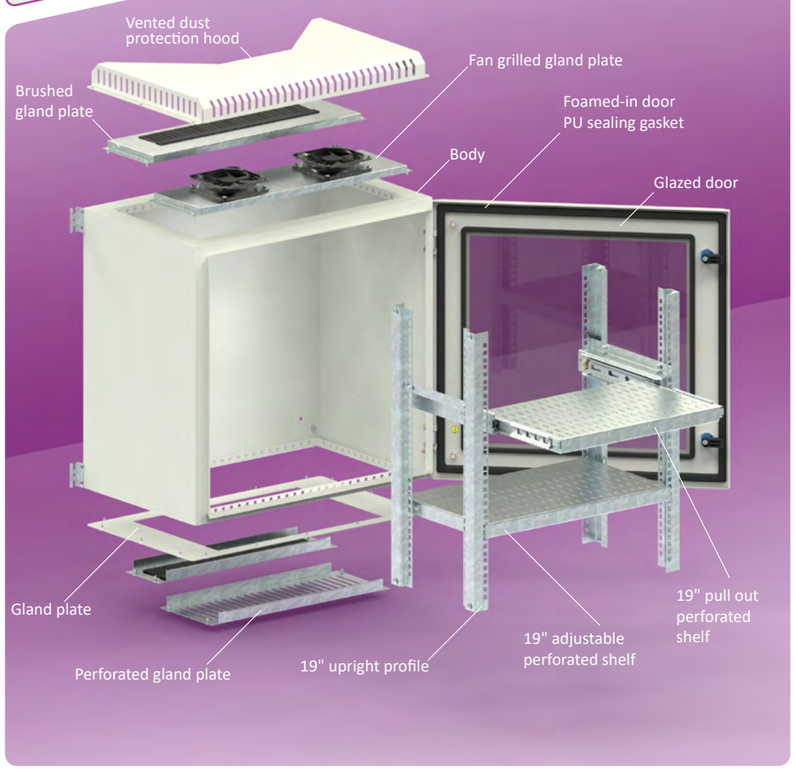
Others

- Glazed / Solid / Perforated door
- Foamed-in door PU sealing gasket
- Bottom & top plain gland plate
- 155° concealed hinges
- 5mm Double-bit insert polyamide lock



On Request

- Special sizes
- Special colour
- Pre-punching



Supply Includes

- Body
- Glazed door
- Bottom & top plain gland plate
- 2 pcs depth adjustable 19" profiles
- 4/6 pcs wall brackets

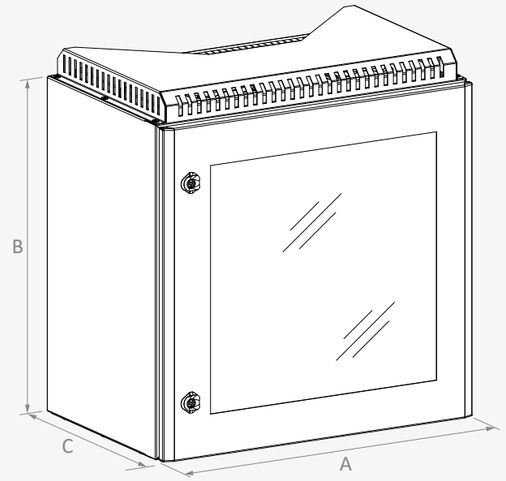
Complementary Accessories

- Perforated / solid door
- Vented dust protection hood
- Plinth
- Levelling feet
- Castor
- Top and bottom filter fitted, fan fitted, brushed, perforated cover plates
- Power distribution unit
- 19" pull out perforated shelf
- Mounting plate
- Telescopic slide
- Locks
- Earthing cable
- 19" equipment shelf
- Patch panel and 1U fan unit
- Cable organizer

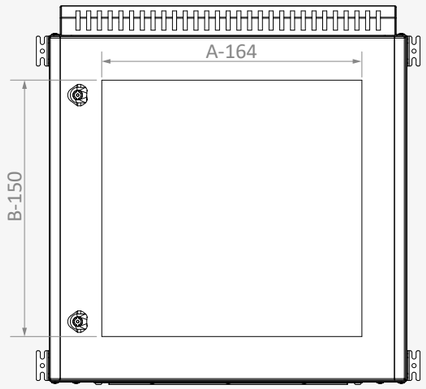
ELECTRONIC SYSTEM CABINETS

Height units	Width A	Height B	Depth C	Reference	Lock	Hinge	Apparent Area ↔	Apparent Area ↕	Wall Mounting ↔	Wall Mounting ↕	Weight
U*	mm	mm	mm		pcs	pcs	mm	mm	mm	mm	kg
7 U	600	360	400	MR 060740	1	2	436	210	624	318	16.5
9 U	600	445	400	MR 060940	1	2	436	295	624	403	19.0
12 U	600	580	400	MR 061240	2	2	436	430	624	538	22.5
18 U	600	845	400	MR 061840	2	3	436	695	624	803	28.5
26 U	600	1200	400	MR 062640	2	4	436	1050	624	1158	36.5

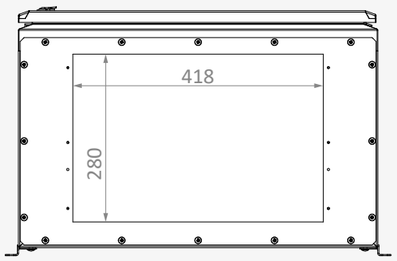
* 1U = 44.45 mm



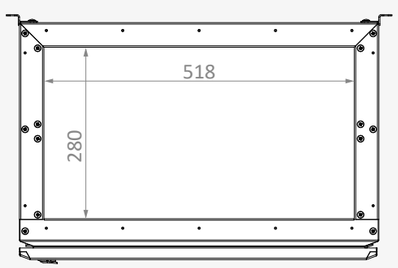
GLAZED DOOR APPARENT AREA



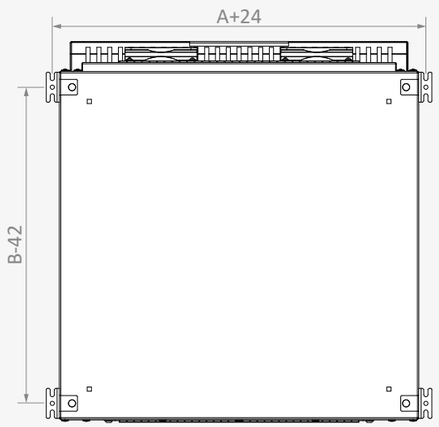
BOTTOM OPENING



TOP OPENING



WALL MOUNTING



ELECTRONIC SYSTEM CABINETS

Characteristics

Material

Sheet Steel (EN 10130 DC01)
- Body : 1.5 mm
- Panel : 1.5 mm
- Glazed door : 2 mm
- Plinth : 2 mm

Galvanized Steel (EN 10346 DX51D+Z)
- 19" profile : 2 mm

Surface Finishing
- RAL7035w powder coating

Others
- Swing-handle polyamide lock
- Foamed-in door PU sealing gasket



On Request
- Special sizes
- Special colour
- Pre-punching
- Special Racks
- Special mounting plate



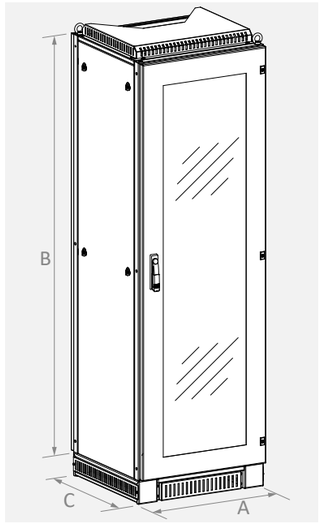
Supply Includes
- Front and rear frame
- Glazed door and rear panel
- Removable, lockable side panels
- 4 pcs depth adjustable 19" profiles
- 4/6 pcs cable clamp profile
- Top cover with perforated & brushed cover plates
- Vented dust protection hood
- 100 mm perforated plinth with perforated & brushed cover plates

Complementary Accessories
- Perforated / solid front-rear door
- Levelling feet
- Castor
- Top and bottom filter fitted, fan fitted cover plates
- Power distribution unit
- 19" pull out perforated shelf
- Mounting plate
- Telescopic slide
- Locks
- Earthing cable
- 19" equipment shelf
- Swing frame
- Patch panel and 1U fan unit
- Cable organizer

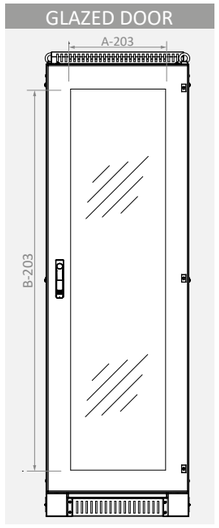
ELECTRONIC SYSTEM CABINETS

EC SERIES
19" FLOOR STANDING CABINETS

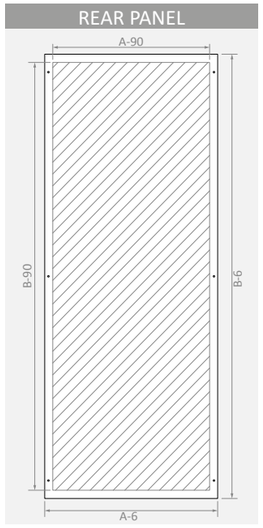
Height units	Width A	Height B	Depth C	Reference	Lock	Hinge	Apparent Area Glazed Door ↔	Apparent Area Glazed Door ↕	Useful Area Side Panel ↔	Useful Area Side Panel ↕	Useful Area Rear Panel ↔	Useful Area Rear Panel ↕	Useful Area Top Cover ↔	Useful Area Top Cover ⤢	Weight
U*	mm	mm	mm		pcs	pcs	mm	mm	mm	mm	mm	mm	mm	mm	kg
12U	600	600	600	EC 061260	1	2	397	397	325	230	500	500	550	394	50
			800	EC 061280	1	2	397	397	525	230	500	500	550	594	57.6
			1000	EC 061210	1	2	397	397	725	230	500	500	550	794	71.3
17U		800	600	EC 061760	1	2	397	597	325	430	500	700	550	394	59.9
			800	EC 061780	1	2	397	597	525	430	500	700	550	594	72.3
			1000	EC 061710	1	2	397	597	725	430	500	700	550	794	81.3
21U		1000	600	EC 062160	1	2	397	797	325	630	500	900	550	394	67.9
			800	EC 062180	1	2	397	797	525	630	500	900	550	594	81.3
			1000	EC 062110	1	2	397	797	725	630	500	900	550	794	92.7
26U		1200	600	EC 062660	1	2	397	997	325	830	500	1100	550	394	76.8
			800	EC 062680	1	2	397	997	525	830	500	1100	550	594	91.6
			1000	EC 062610	1	2	397	997	725	830	500	1100	550	794	102.8
30U		1400	600	EC 063060	1	3	397	1197	325	1030	500	1300	550	394	85
			800	EC 063080	1	3	397	1197	525	1030	500	1300	550	594	100
			1000	EC 063010	1	3	397	1197	725	1030	500	1300	550	794	112
35U		1600	600	EC 063560	1	3	397	1397	325	1230	500	1500	550	394	93
			800	EC 063580	1	3	397	1397	525	1230	500	1500	550	594	109.9
			1000	EC 063510	1	3	397	1397	725	1230	500	1500	550	794	122.9
39U		1800	600	EC 063960	1	3	397	1597	325	1430	500	1700	550	394	131
			800	EC 063980	1	3	397	1597	525	1430	500	1700	550	594	144
			1000	EC 063910	1	3	397	1597	725	1430	500	1700	550	794	158
44U		2000	600	EC 064460	1	3	397	1797	325	1630	500	1900	550	394	120
			800	EC 064480	1	3	397	1797	525	1630	500	1900	550	594	128
			1000	EC 064410	1	3	397	1797	725	1630	500	1900	550	794	143
48U		2200	600	EC 064860	1	3	397	1997	325	1830	500	2100	550	394	117
			800	EC 064880	1	3	397	1997	525	1830	500	2100	550	594	142
			1000	EC 064810	1	3	397	1997	725	1830	500	2100	550	794	160
12U	800	600	600	EC 081260	1	2	597	397	325	230	700	500	750	394	62
			800	EC 081280	1	2	597	397	525	230	700	500	750	594	77
			1000	EC 081210	1	2	597	397	725	230	700	500	750	794	86
17U		800	600	EC 081760	1	2	597	597	325	430	700	700	750	394	71
			800	EC 081780	1	2	597	597	525	430	700	700	750	594	85
			1000	EC 081710	1	2	597	597	725	430	700	700	750	794	97
21U		1000	600	EC 082160	1	2	597	797	325	630	700	900	750	394	80
			800	EC 082180	1	2	597	797	525	630	700	900	750	594	94
			1000	EC 082110	1	2	597	797	725	630	700	900	750	794	108
26U		1200	600	EC 082660	1	2	597	997	325	830	700	1100	750	394	88
			800	EC 082680	1	2	597	997	525	830	700	1100	750	594	104
			1000	EC 082610	1	2	597	997	725	830	700	1100	750	794	119
30U		1400	600	EC 083060	1	3	597	1197	325	1030	700	1300	750	394	97
			800	EC 083080	1	3	597	1197	525	1030	700	1300	750	594	114
			1000	EC 083010	1	3	597	1197	725	1030	700	1300	750	794	129
35U		1600	600	EC 083560	1	3	597	1397	325	1230	700	1500	750	394	106
			800	EC 083580	1	3	597	1397	525	1230	700	1500	750	594	125
			1000	EC 083510	1	3	597	1397	725	1230	700	1500	750	794	142
39U		1800	600	EC 083960	1	3	597	1597	325	1430	700	1700	750	394	143
			800	EC 083980	1	3	597	1597	525	1430	700	1700	750	594	158
			1000	EC 083910	1	3	597	1597	725	1430	700	1700	750	794	175
44U		2000	600	EC 084460	1	3	597	1797	325	1630	700	1900	750	394	124
			800	EC 084480	1	3	597	1797	525	1630	700	1900	750	594	144
			1000	EC 084410	1	3	597	1797	725	1630	700	1900	750	794	162
48U		2200	600	EC 084860	1	3	597	1997	325	1830	700	2100	750	394	133
			800	EC 084880	1	3	597	1997	525	1830	700	2100	750	594	160
			1000	EC 084810	1	3	597	1997	725	1830	700	2100	750	794	180



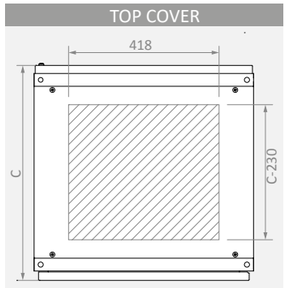
GLAZED DOOR



REAR PANEL



TOP COVER



ELECTRONIC SYSTEM CABINETS

Characteristics

Material

Sheet Steel (EN 10130 DC01)
- Frame : 1.5 mm
- Panel : 1.2 mm
- Glazed door : 1.5 mm
- Plinth : 1.5 - 2 mm

Galvanized Steel (EN 10346 DX51D+Z)
- 19" profile : 2 mm

Surface Finishing
- RAL7035w powder coating

Others
- Multi purpose prime frame
- Glazed front door
- Lockable and removable rear panel
- Vented removable side panels
- Depth adjustable 19" upright profiles
- Brushed cable entry plate
- 2 pcs cable clamp profile
- Vented dust protection hood
- Optional filter or fan fitted or perforated cover plates
- Optional hinged rear panel
- Optional full length or partial swing frame



On Request
- Special sizes
- Special colour
- Pre-punching
- Special mounting plate
- Special Racks



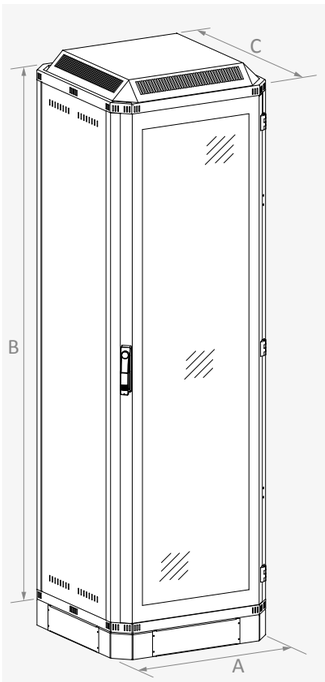
Supply Includes
- Front and rear frame
- Glazed door
- Lockable rear panel
- Side panels
- Plinth
- Vented dust protection hood
- Depth adjustable 19" upright profiles

Complementary Accessories
- Levelling feet
- Castor
- Top protection plate
- Top and bottom partial cover plates
- Power distribution unit
- 19" pull out perforated shelf
- Cable clamp profile
- Side rail
- Mounting plate
- Telescopic slide
- Locks
- Earthing cable
- 19" equipment shelf
- Swing frame
- Patch panel and 1U fan unit
- Cable organizer

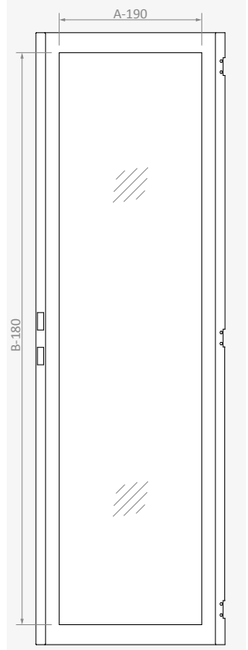
PEC SERIES Prime Line 19" FLOOR STANDING CABINETS

Height units *	Width A	Height B	Depth C	Reference	Lock	Hinge	Apparent Area ↔	Apparent Area ↕	Useful Area Side Panel ↕	Useful Area Side Panel ⇙	Useful Area Lock In Doos ↔	Useful Area Lock In Doos ↕	Useful Area Top ↔	Useful Area Top ⇙	Weight
	mm	mm	mm		pcs	pcs	mm	mm	mm	mm	mm	mm	mm	mm	kg
26 U	600	1250	600	PEC 062606	1	3	410	1070	1140	368	490	1128	368	303	63
			800	PEC 062608	1	3	410	1070	1140	568	490	1128	368	503	75
			1000	PEC 062610	1	3	410	1070	1140	768	490	1128	368	703	89
32 U		1515	600	PEC 063206	1	3	410	1335	1407	368	490	1393	368	303	72
			800	PEC 063208	1	3	410	1335	1407	568	490	1393	368	503	85
			1000	PEC 063210	1	3	410	1335	1407	768	490	1393	368	703	97
39 U		1825	600	PEC 063906	1	3	410	1642	1718	368	490	1703	368	303	82
			800	PEC 063908	1	3	410	1642	1718	568	490	1703	368	503	96
			1000	PEC 063910	1	3	410	1642	1718	768	490	1703	368	703	110
43 U		2000	600	PEC 064306	1	3	410	1820	1896	368	490	1878	368	303	88
			800	PEC 064308	1	3	410	1820	1896	568	490	1878	368	503	103
			1000	PEC 064310	1	3	410	1820	1896	768	490	1878	368	703	117
47 U		2180	600	PEC 064706	1	3	410	2000	2074	368	490	2058	368	303	93
			800	PEC 064708	1	3	410	2000	2074	568	490	2058	368	503	108
			1000	PEC 064710	1	3	410	2000	2074	768	490	2058	368	703	124
26 U	800	1250	600	PEC 082606	1	3	610	1070	1140	368	690	1128	368	303	76
			800	PEC 082608	1	3	610	1070	1140	568	690	1128	368	503	89
32 U		1515	600	PEC 083206	1	3	610	1335	1407	368	690	1393	368	303	86
			800	PEC 083208	1	3	610	1335	1407	568	690	1393	368	503	99
39 U		1825	600	PEC 083906	1	3	610	1645	1718	368	690	1703	368	303	97
			800	PEC 083908	1	3	610	1645	1718	568	690	1703	368	503	112
43 U		2000	600	PEC 084306	1	3	610	1820	1896	368	690	1878	368	303	104
			800	PEC 084308	1	3	610	1820	1896	568	690	1878	368	503	119
47 U		2180	600	PEC 084706	1	3	610	2000	2074	368	690	2058	368	303	110
			800	PEC 084708	1	3	610	2000	2074	568	690	2058	368	503	125

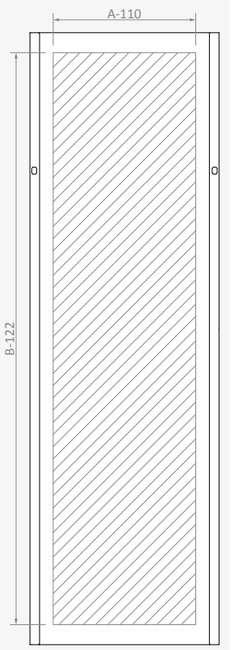
* 1U = 44.45 mm



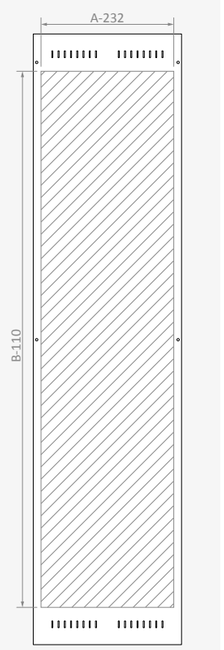
GLAZED DOOR



LOCK IN DOOR



SIDE PANEL



ELECTRONIC SYSTEM CABINETS

Characteristics

Material

Sheet Steel (EN 10130 DC01)
- Body : 1.2 / 1.5 mm
- Door : 2 mm
- Plinth : 2 mm

Galvanized Steel (EN 10346 DX51D+Z)
- Mounting plate : 2 mm

Surface Finishing
- RAL7035w powder coating

IP Rating
- IP54 (TS 3033, EN 60529) (PT)

Others
- Foamed-in door PU sealing gasket
- Removable rear panel
- Depth adjustable mounting plate
- Top lid stopper
- Facility for double mounting plate



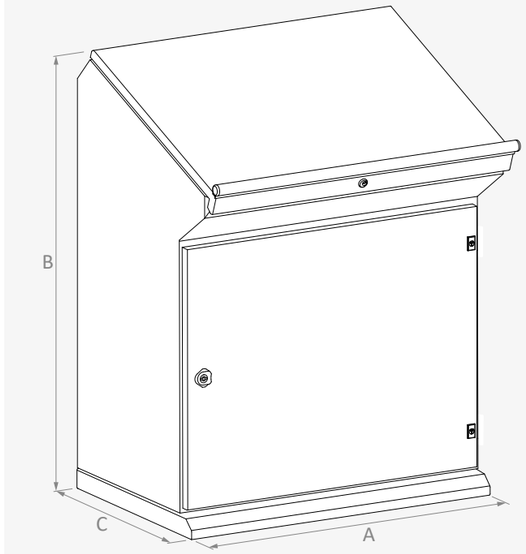
On Request
- Special sizes
- Pre-punching
- Special colour
- Special mounting plate



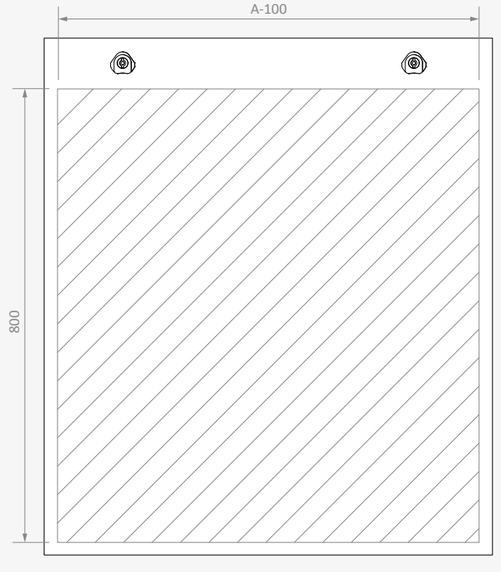
Supply Includes
- Body
- Door and lids
- Plinth
- Mounting plate
- 4 pcs side rails

Complementary Accessories
- Door inside mounting profile
- Plan pocket
- Earthing cable
- Handle

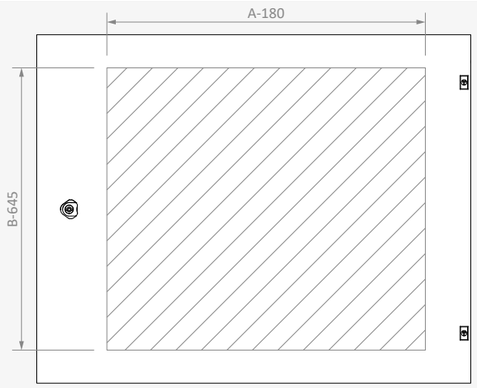
Width A mm	Height B mm	Depth C mm	Reference	Lower Door pcs	Removable Rear Panel pcs	Useful Area Top Lid ↔ mm	Useful Area Top Lid ↕ mm	Useful Area Lower Door ↔ mm	Useful Area Lower Door ↕ mm	Useful Area Rear Panel ↔ mm	Useful Area Rear Panel ↕ mm	Mounting Plate ↔ mm	Mounting Plate ↕ mm	Weight kg
600	1065	400	PT 061040	1	1	495	370	420	420	500	790	502	802	49.8
		500	PT 061050	1	1	495	470	420	420	500	790	502	802	54.7
800	1065	500	PT 081050	1	1	695	470	620	420	700	790	702	802	65.0
		600	PT 081060	1	1	695	570	620	420	700	790	702	802	69.8
1000	1065	500	PT 101050	2	1	895	470	320 + 320	420	900	790	902	802	75.6
		600	PT 101060	2	1	895	570	320 + 320	420	900	790	902	802	81.2
1200	1065	600	PT 121060	2	1	1095	570	420 + 420	420	1100	790	1102	802	91.6



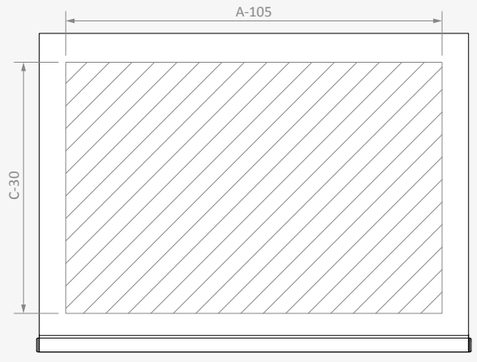
REAR PANEL USEFUL AREA



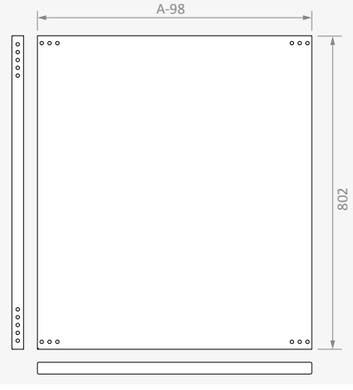
LOWER DOOR USEFUL AREA



TOP LID USEFUL AREA



MOUNTING PLATE



Characteristics

Material

Sheet Steel (EN 10130 DC01)

- Body : 1.2 / 1.5 mm
- Door : 1.5 mm
- Plinth : 2 mm

Galvanized Steel (EN 10346 DX51D+Z)

- Mounting plate : 2 mm

Surface Finishing

- RAL7035w powder coating

IP Rating

- IP55 (TS 3033, EN 60529) (PTE)

Others

- Foamed-in door PU sealing gasket
- Top lid stopper



On Request

- Special sizes
- Special colour
- Pre-punching
- Special mounting plate



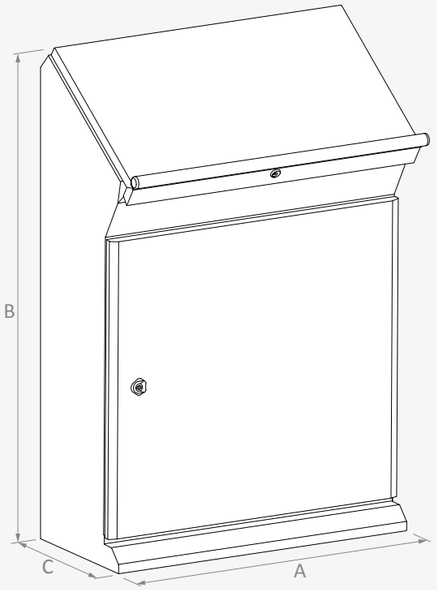
Supply Includes

- Body
- Door and lids
- Mounting plate

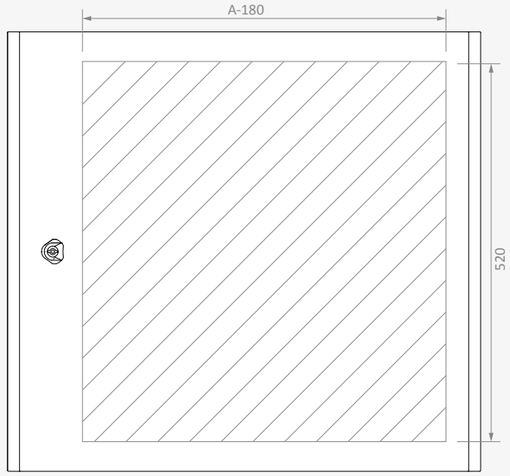
Complementary Accessories

- Door inside mounting profile
- Plan pocket
- Earthing cable
- Handle

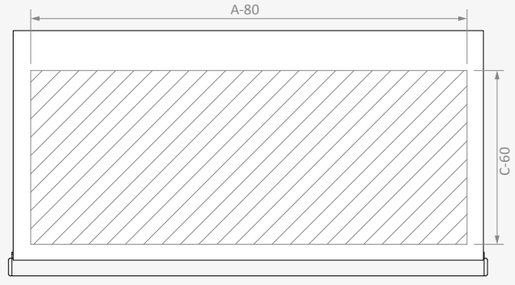
Width A mm	Height B mm	Depth C mm	Reference	Lower Door pcs	Useful Area Top Lid ↔ mm	Useful Area Top Lid ↕ mm	Useful Area Lower Door ↔ mm	Useful Area Lower Door ↕ mm	Mounting Plate ↔ mm	Mounting Plate ↕ mm	Weight kg
500	1065	330	PTE 051033	1	420	270	320	520	400	800	29.7
600	1065	330	PTE 061033	1	520	270	420	520	500	800	24.8
700	1065	330	PTE 071033	1	620	270	520	520	600	800	39.9



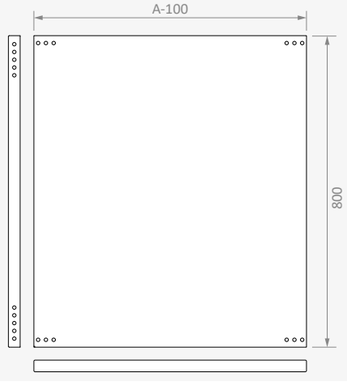
LOWER DOOR USEFUL AREA



TOP LID USEFUL AREA



MOUNTING PLATE



Characteristics

Material

Sheet Steel (EN 10130 DC01 CCRS)
- Body : 1.5 mm
- Door : 2 mm
- Plinth : 2 mm

Galvanized Steel (EN 10346 DX51D+Z)
- Mounting plate : 2 mm

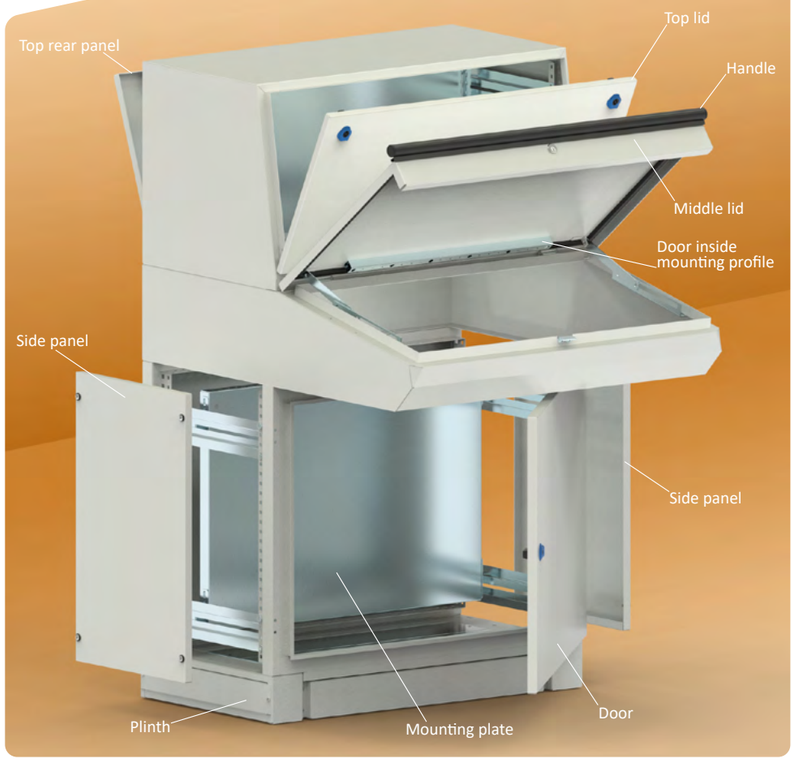
Surface Finishing
- RAL7035w powder coating

IP Rating
- IP54 (TS 3033, EN 60529)

Others
- Foamed-in door PU sealing gasket
- 150° opening front door
- Removable lower side panels
- Depth adjustable mounting plate
- Facility for double mounting plate



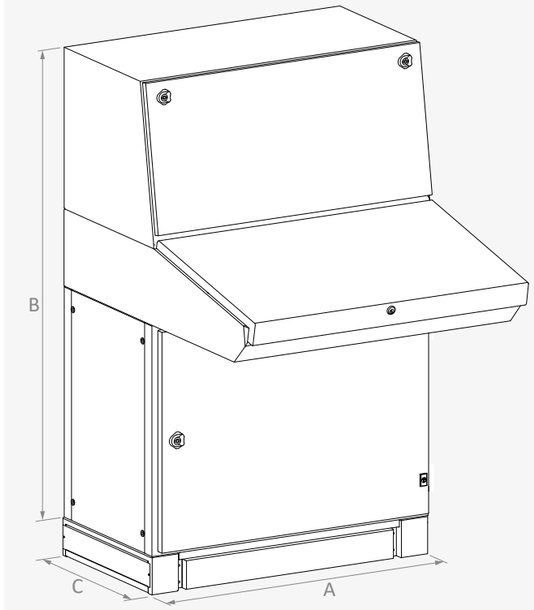
On Request
- Special sizes
- Special colour
- Pre-punching
- Special mounting plate



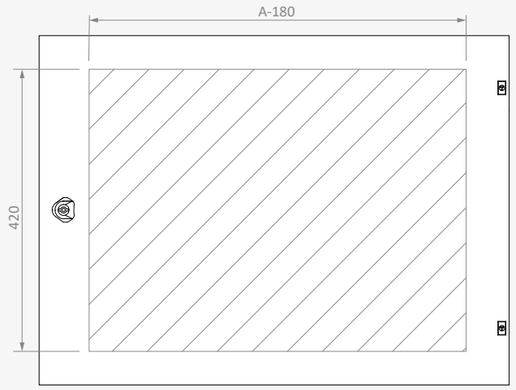
Supply Includes
- Body
- Door and lids
- Mounting plate (Bottom)
- Plinth
- 4 pcs side rails

Complementary Accessories
- Door inside mounting profile
- Plan pocket
- Earthing cable
- Top mounting plate
- Handle

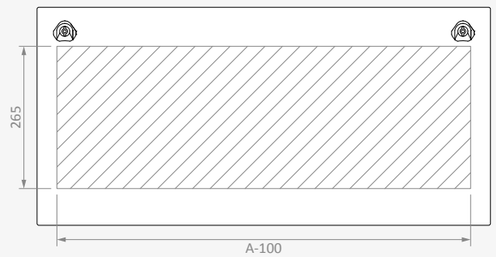
Width A mm	Height B mm	Depth C mm	Reference	Lower Door pcs	Removable Rear Panel pcs	Useful Area Top Lid ↔ mm	Top Lid ↕ mm	Middle Lid ↔ mm	Middle Lid ⇙ mm	Lower Door ↔ mm	Lower Door ↕ mm	Mounting Plate ↔ mm	Mounting Plate ↕ mm	Weight kg
600	1320	400	PY 061340	1	1	500	265	495	360	420	420	502	502	68.6
800	1320	400	PY 081340	1	1	700	265	695	360	620	420	702	502	85.3
1200	1320	500	PY 121350	2	1	1100	265	1095	460	420 + 420	420	1102	502	122.2



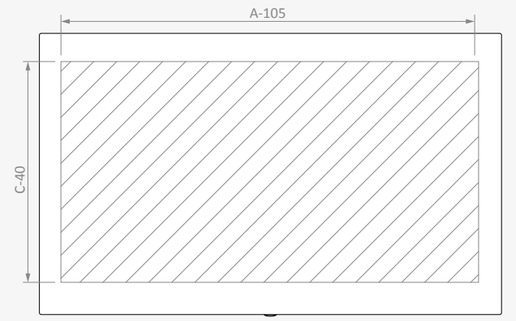
LOWER DOOR USEFUL AREA



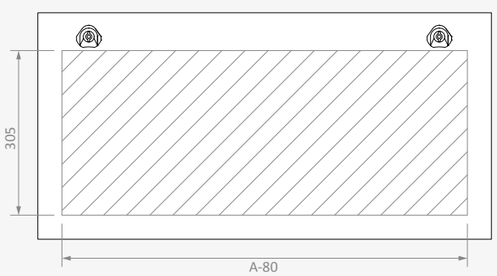
TOP LID USEFUL AREA



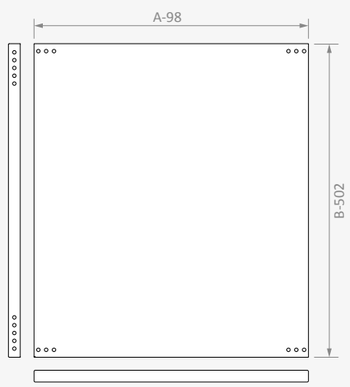
MIDDLE LID USEFUL AREA



TOP REAR PANEL USEFUL AREA



MOUNTING PLATE



Characteristics

Material

Sheet Steel (EN 10130 DC01)

- Body : 1.5 mm
- Door : 2 mm

Surface Finishing

- RAL7035w powder coating

IP Rating

- IP54 (TS 3033, EN 60529)

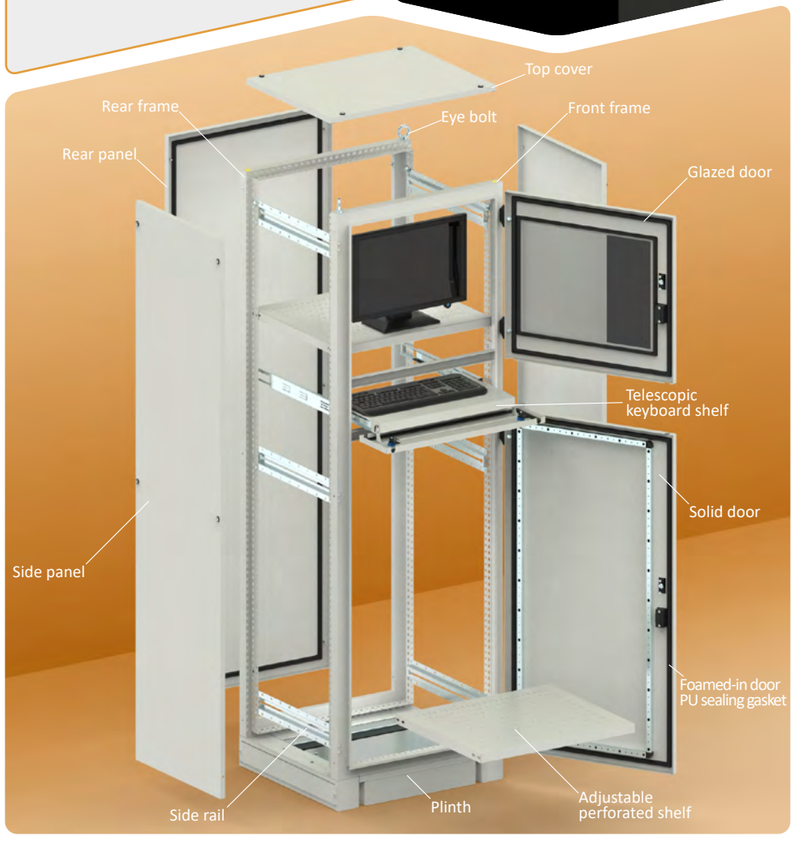
Others

- Glazed door for monitor viewing
- Swing-handle polyamide lock
- Foamed-in door PU sealing gasket
- Adjustable monitor shelf
- Lockable folding keyboard panel



On Request

- Special sizes
- Special colour
- Pre-punching



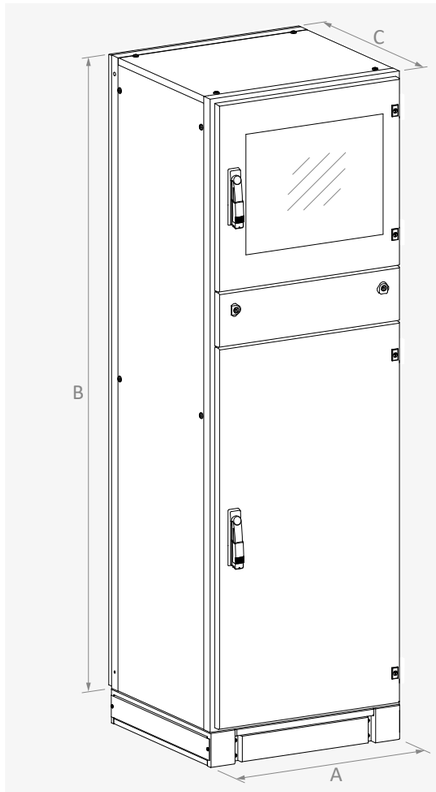
Supply Includes

- Body
- Doors
- Side panels
- Rear panel
- 6 pcs side rails
- Plinth

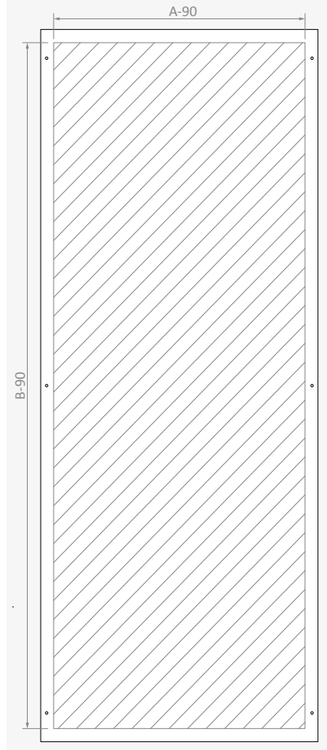
Complementary Accessories

- Adjustable perforated shelf
- Pull out perforated shelf
- Power distribution unit
- Plan pocket
- Castor
- Earthing cable

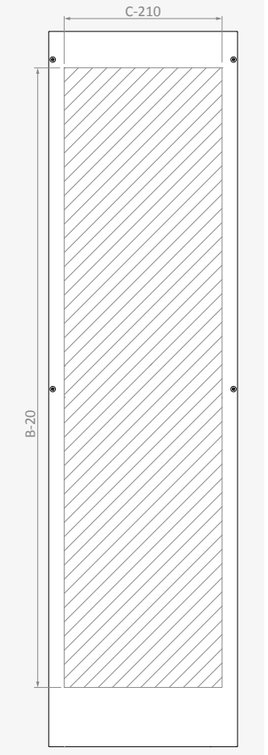
Width A mm	Height B mm	Depth C mm	Reference	Door pcs	Glazed Door Y / N	Hinge pcs	Useful Area: Lower Door ↔ mm	Lower Door ↕ mm	Rear panel ↔ mm	Rear panel ↕ mm	Side Panel ⇗ mm	Side Panel ↕ mm	Apparent Area: Monitor Door ↔ mm	Monitor Door ↕ mm	Weight kg
600	1600	600	PC 061660	2	✓	4	420	720	510	1510	390	1580	435	300	85
	1800	600	PC 061860	2	✓	4	420	920	510	1710	390	1780	435	300	96
		800	PC 061880	2	✓	4	420	920	510	1710	590	1780	435	300	109
800	1600	600	PC 081660	2	✓	4	620	720	710	1510	390	1580	635	300	97
	1800	600	PC 081860	2	✓	4	620	920	710	1710	390	1780	635	300	110
		800	PC 081880	2	✓	4	620	920	710	1710	590	1780	635	300	123



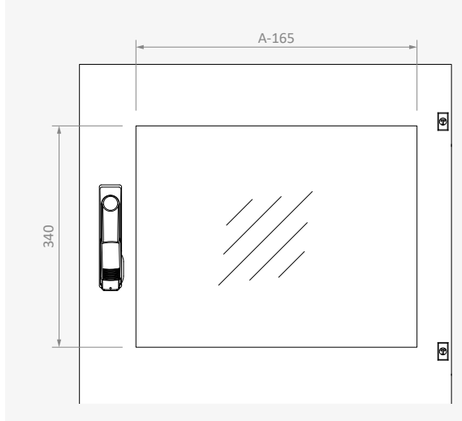
REAR PANEL



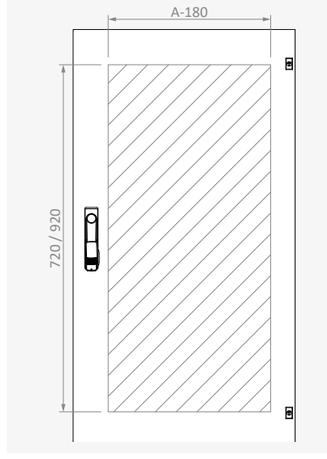
SIDE PANEL



MONITOR DOOR



LOWER DOOR



OPERATING ENCLOSURES

Characteristics

Material

Sheet Steel (EN 10130 DC01)

- Frame : 1.5 mm
- Door : 1.5 mm
- Plinth : 2 mm

Surface Finishing

- RAL7035w powder coating

Others

- Multi purpose prime frame
- Glazed security door for monitor viewing
- Lockable folding keyboard panel
- Lockable and removable rear panel
- Vented removable side panels
- Adjustable monitor shelf
- Vented dust protection hood
- Optional hinged rear door
- Optional filter or fan fitted, brushed cable entry or perforated cover plates



On Request

- Special sizes
- Special colour
- Pre-punching
- Special mounting plate
- Special Racks



Supply Includes

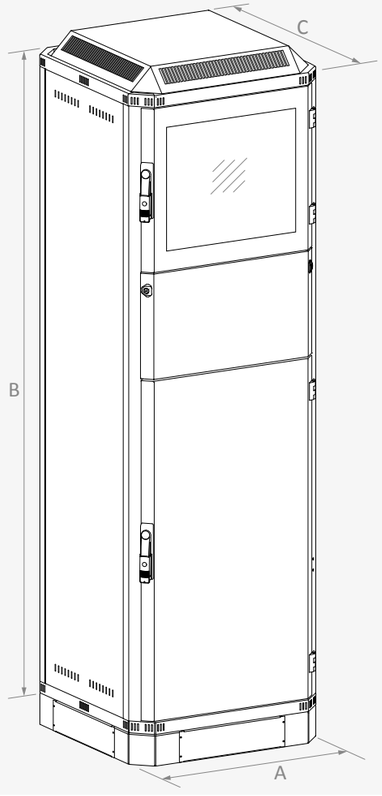
- Front and rear frame
- Door and rear panel
- Plinth
- Side panels
- Vented dust protection hood

Complementary Accessories

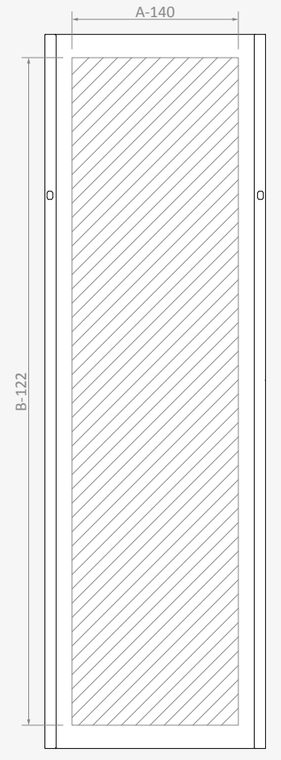
- Levelling feet
- Castor
- Top protection plate
- Top and bottom partial cover plates
- Power distribution unit
- Pull out printer shelf
- Adjustable perforated shelf
- Pull out perforated shelf
- Cable clamp profile
- Side rail
- Plan pocket
- Locks
- Earthing cable

PPC SERIES Prime Line PC CABINETS

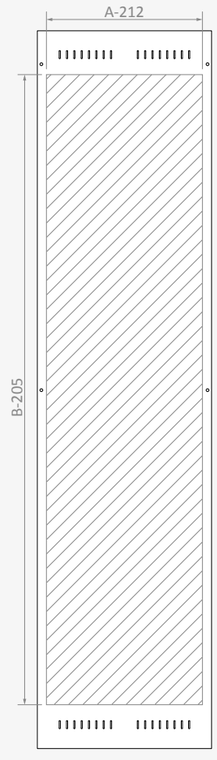
Width A mm	Height B mm	Depth C mm	Reference	Apparent Area Monitor Door ↔ mm	Apparent Area Monitor Door ↕ mm	Useful Area Lower Door ↔ mm	Useful Area Lower Door ↕ mm	Useful Area Side Panel ↕ mm	Useful Area Side Panel ⤢ mm	Useful Area Lock In Door ↔ mm	Useful Area Lock In Door ↕ mm
600	850	600	PPC 060806	410	355	--	--	742	388	460	728
	1515	600	PPC 061506	410	355	420	420	1320	388	460	1393
	1825	600	PPC 061806	410	355	420	720	1620	388	460	1703
	1825	800	PPC 061808	410	355	420	720	1620	588	460	1703
800	850	600	PPC 080806	610	355	--	--	742	388	660	728
	1515	600	PPC 081506	610	355	620	420	1320	388	660	1393
	1825	600	PPC 081806	610	355	620	720	1620	388	660	1703
	1825	800	PPC 081808	610	355	620	720	1620	588	660	1703



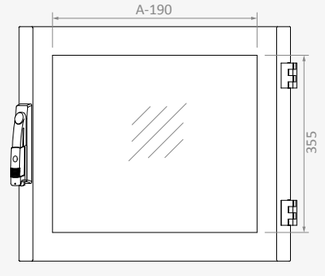
LOCK IN DOOR



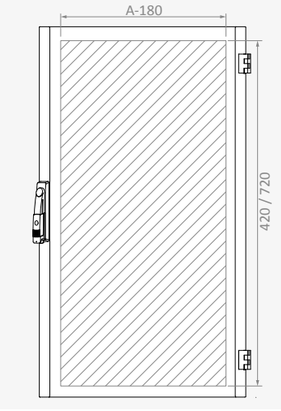
SIDE PANEL



MONITOR DOOR



LOWER DOOR



OPERATING ENCLOSURES

Characteristics

Material

Sheet Steel (EN 10130 DC01 CCRS)

- Body : 1.2 mm
- Door : 1.2 mm

Surface Finishing

- RAL7035w powder coating

IP Rating

- IP55 (TS 3033, EN 60529)

Others

- Left and right handles
- Foamed-in rear door PU sealing gasket
- Hinged lockable rear door
- Top cable entry



On Request

- Special sizes
- Special mounting plate
- Pre-punching



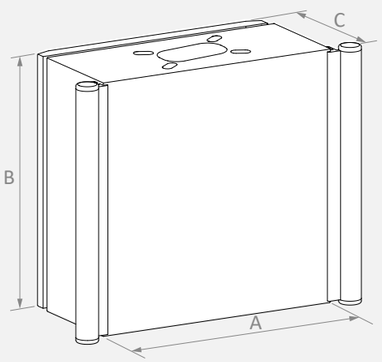
Supply Includes

- Body
- Lockable rear door
- Handles

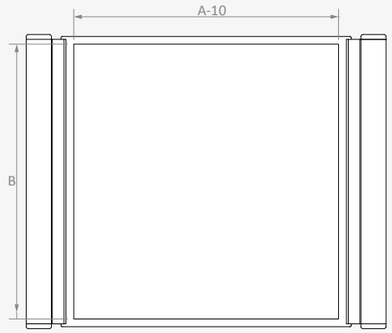
Complementary Accessories

- Earthing cable
- DIN rail

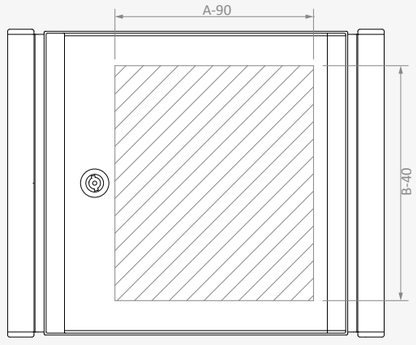
Width A mm	Height B mm	Depth C mm	Reference	Useful Area Side ↕ mm	Useful Area Side ⤢ mm	Rear Door ↔ mm	Rear Door ↕ mm	Front Useful Area ↔ mm	Front Useful Area ↕ mm	Support Arm System Connection ↔ mm	Support Arm System Connection ↕ mm
300	300	160	KPA 030316	300	117	210	260	290	300	90	51.5
	400	160	KPA 030416	400	117	210	360	290	400	90	51.5
400	400	160	KPA 040416	400	117	310	360	390	400	90	51.5
	500	160	KPA 040516	500	117	310	460	390	500	90	51.5
500	500	160	KPA 050516	500	117	410	460	490	500	90	51.5



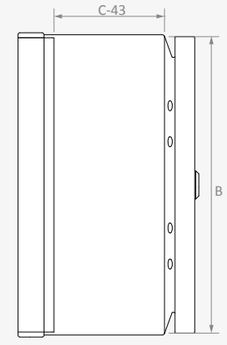
FRONT USEFUL AREA



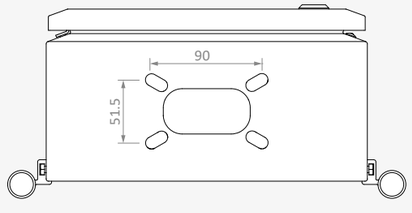
DOOR USEFUL AREA



SIDE USEFUL AREA



SUPPORT ARM SYSTEM CONNECTION



Characteristics

Material

Sheet Steel (EN 10130 DC01)
- Body : 1.5 mm
- Plinth : 2 mm

Galvanized Steel (EN 10346 DX51D+Z)
- Mounting plate : 2 mm

Surface Finishing
- RAL7035w / RAL9005w powder coating

Others
- PC and UPS can be placed in lower compartment
- Rear panel for easy access
- Monitor section with removable rear panel
- Monitor / security glass can be placed
- Cable entry through the plinth facilities



On Request
- Special sizes
- Special colour
- Pre-punching

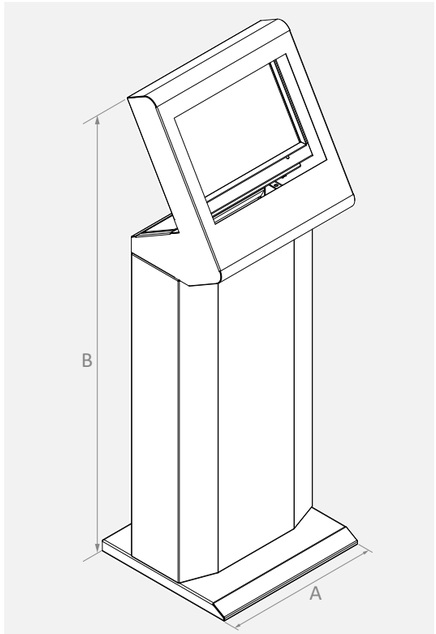


Supply Includes
- Lower compartment
- Monitor section
- Plinth

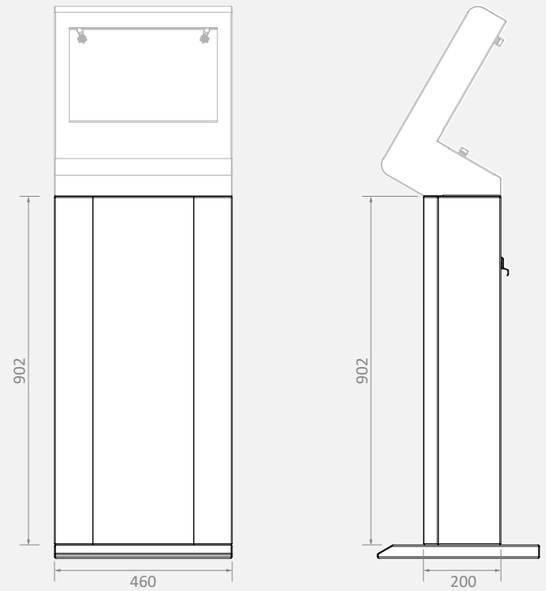
Complementary Accessories
- Mounting plate
- DIN rail
- Earthing cable

KSK SERIES KIOSK

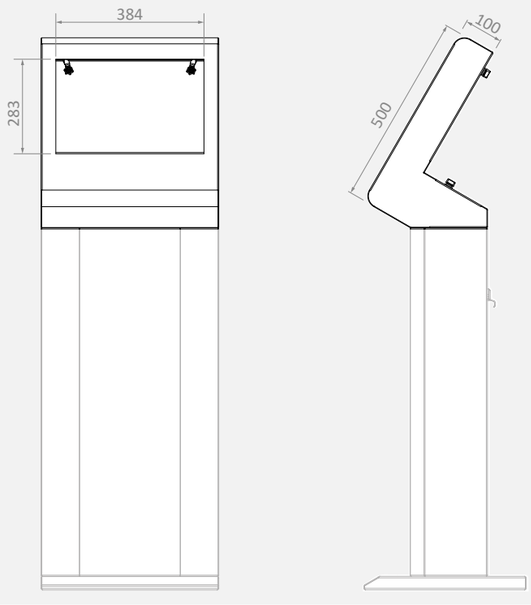
Width	Height	Reference	Dimensions						Monitor Cutout	
			Lower Panel			Monitor Section				
A	B		↔	↕	⤢	↔	↕	⤢	↔	↕
mm	mm		mm	mm	mm	mm	mm	mm	mm	mm
460	1430	KSK 461420	460	902	200	460	500	100	384	283



LOWER PANEL



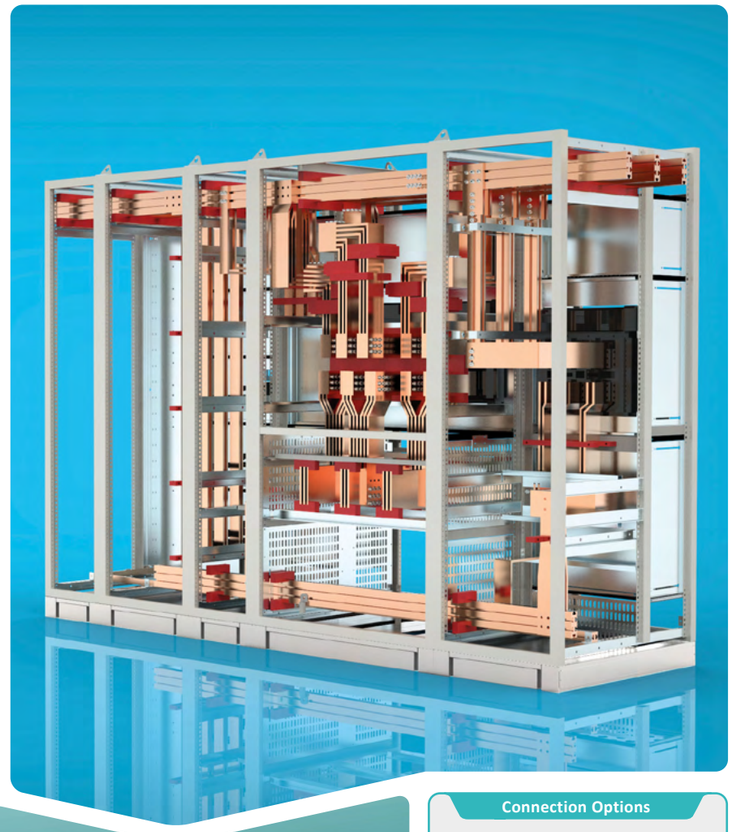
MONITOR CUTOUT / MONITOR SECTION



OPERATING ENCLOSURES

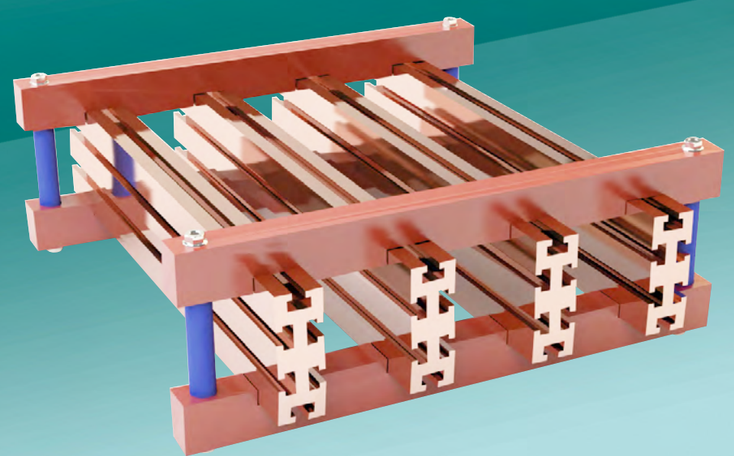
Characteristics

- High mechanical strength
- Advantage of high cooling surface area
- Less isolator requirement for high short-circuit withstand
- Temperature rise and short-circuit withstand tested according to IEC 61439-2
- 3 different lengths compatible with the standard enclosure sizes
- 4 different cross section sizes up to 4000A
- Drilling is not required for the connection
- Easy connection via special nuts and bolts
- Advantage of using standard M10 bolts for the connections
- No-drilling saves power-off time for changes to be made after commissioning

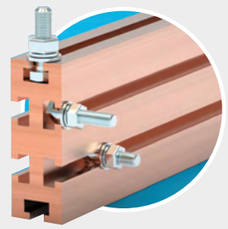


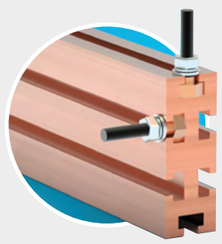
K-BAR®
channel bar

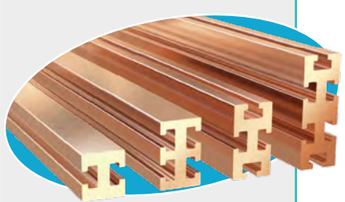
Less labor requirement reliable and economic solution



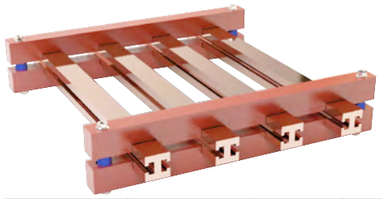
Connection Options



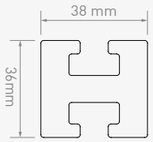




BUSBAR DISTRIBUTION SYSTEMS



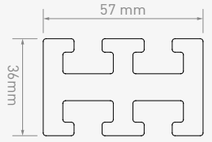
2000A



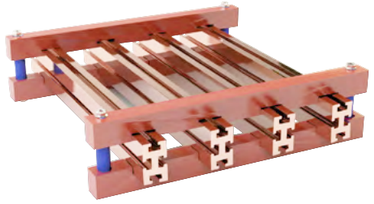
Current Capacity	Cross Section	Length	Reference	Cross Section Area	Perimeter	Short-circuit Current		Max. Mounting Distance For 3P/4P
A	mm x mm	mm		mm²	mm	peak	r.m.s	mm
2000	38 x 36	1130	BRBR 038361130	979.2	223.4	132 kA	60 kA	750
		1930	BRBR 038361930			176 kA	80 kA	550
		2330	BRBR 038362330			220 kA	100 kA	450
		4660	BRBR 038364660			264 kA	120 kA	370



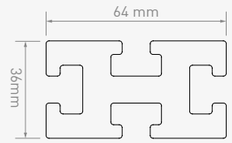
2500A



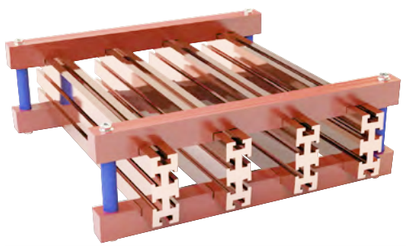
Current Capacity	Cross Section	Length	Reference	Cross Section Area	Perimeter	Short-circuit Current		Max. Mounting Distance For 3P/4P
A	mm x mm	mm		mm²	mm	peak	r.m.s	mm
2500	57 x 36	1130	BRBR 057361130	1275.1	338,5	132 kA	60 kA	850
		1930	BRBR 057361930			176 kA	80 kA	620
		2330	BRBR 057362330			220 kA	100 kA	500
		4660	BRBR 057364660			264 kA	120 kA	420



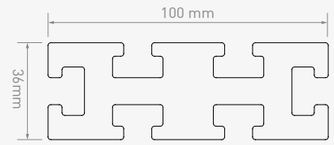
3200A



Current Capacity	Cross Section	Length	Reference	Cross Section Area	Perimeter	Short-circuit Current		Max. Mounting Distance For 3P/4P
A	mm x mm	mm		mm²	mm	peak	r.m.s	mm
3200	64 x 36	1130	BRBR 064361130	1527.2	352.6	132 kA	60 kA	1000
		1930	BRBR 064361930			176 kA	80 kA	750
		2330	BRBR 064362330			220 kA	100 kA	600
		4660	BRBR 064364660			264 kA	120 kA	500



4000A



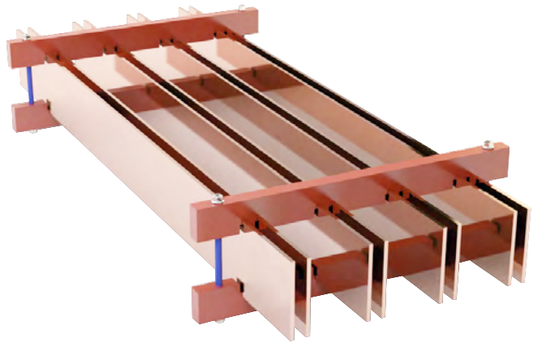
Current Capacity	Cross Section	Length	Reference	Cross Section Area	Perimeter	Short-circuit Current		Max. Mounting Distance For 3P/4P
A	mm x mm	mm		mm²	mm	peak	r.m.s	mm
4000	100 x 36	1130	BRBR 100361130	2435.2	501.7	132 kA	60 kA	1300
		1930	BRBR 100361930			176 kA	80 kA	1000
		2330	BRBR 100362330			220 kA	100 kA	800
						264 kA	120 kA	600

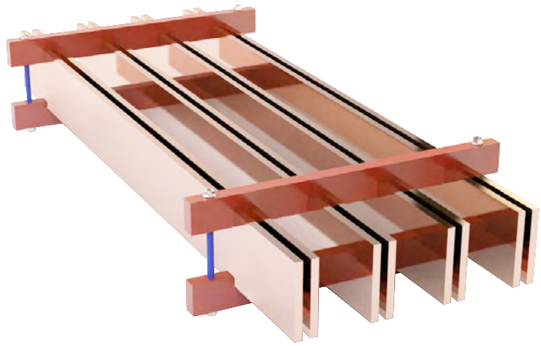
BUSBAR DISTRIBUTION SYSTEMS

Recommended isolator mounting distances for busbar flat bars

BUSBAR		Short-circuit Current			
	peak	40 kA	84 kA	132 kA	165 kA
	r.m.s	20 kA	40 kA	60 kA	75 kA
		Maximum mounting distance for 3P/4P Standard Isolators			
		mm	mm	mm	mm
30 * 10	x 1	750	360	230	185
30 * 10	x 2	670	320	200	160
40 * 10	x 1	880	420	270	215
40 * 10	x 2	800	380	245	195
50 * 10	x 1	1000	480	300	240
50 * 10	x 2	920	440	280	225
60 * 10	x 1	1000	520	330	265
60 * 10	x 2	1000	500	320	250
80 * 10	x 1	1200	620	390	310
80 * 10	x 2	1200	610	390	310
100 * 10	x 1	1200	700	450	360
100 * 10	x 2	1200	720	450	360
120 * 10	x 1	1200	780	500	400
120 * 10	x 2	1200	820	525	400
160 * 10	x 1	1200	950	600	440
160 * 10	x 2	1200	1000	650	460

BUSBAR		Short-circuit Current			
	peak	40 kA	63 kA	84 kA	110 kA
	r.m.s	20 kA	30 kA	40 kA	50 kA
		Maximum mounting distance for 3P/4P Standard Isolators			
		mm	mm	mm	mm
40 * 5	x 1	440	280	210	170
40 * 5	x 2	400	250	190	155
50 * 5	x 1	500	320	240	190
50 * 5	x 2	460	290	220	175
60 * 5	x 1	550	350	260	210
60 * 5	x 2	520	330	250	200
80 * 5	x 1	640	410	310	250
80 * 5	x 2	640	410	300	245
100 * 5	x 1	750	470	350	285
100 * 5	x 2	750	480	360	285





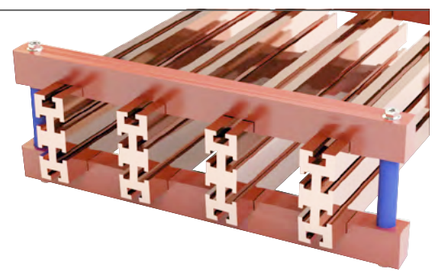
K-BAR Isolators

BRIZK1P

BRIZK3P

BRIZK3P-L

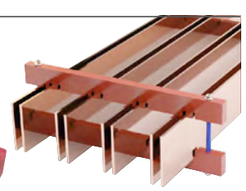
BRIZK4P



Flat Busbar Isolators

BRIZS4P-2

BRIZS3P-2



Spacer

BRDT10020

BRDT06420

BRDT03820

BRDT01520



K-Bar M8 nut / M8 setscrew bolt

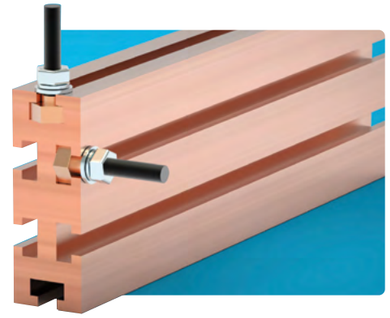


BRKBSM0800010



BRKBCM0845SS0

BRKBCM0835SS0

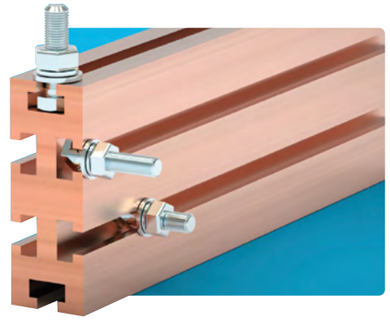


K-Bar (T) M10 bolt / Standard M10 bolt

BRKBCM1035TB1



BRKBCM1045TB1



BUSBAR DISTRIBUTION SYSTEMS

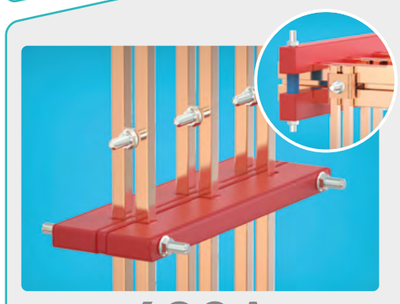
Characteristics

- Easybar is a special busbar system
- Easybar has a complementary feature of K-Bar main busbar system with 630A, 1250A and 1600A current ratings
- Easybar with its unique supports is a double busbar system which has 10mm channel between and does not need to be drilled for connections
- It has a special T type bolts for easy connections

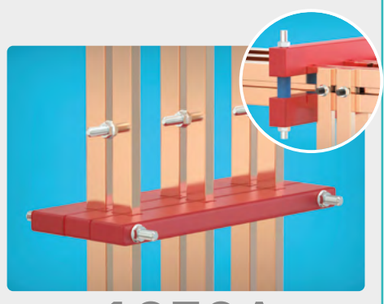
easybar®
New Design System

Easy-bar system for quick & easy connections

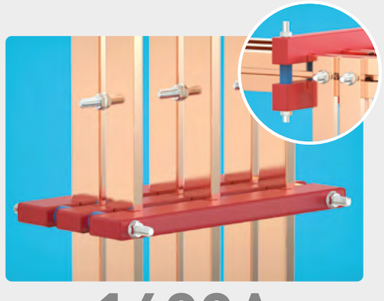




630A

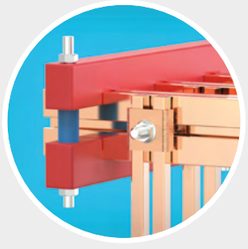


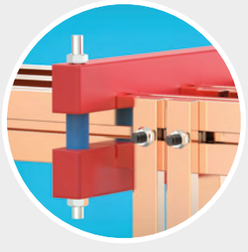
1250A

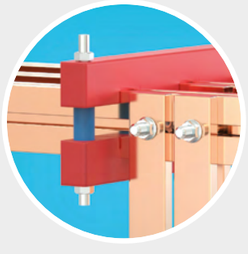


1600A

Connection Options

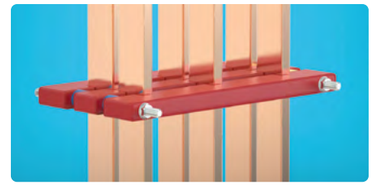






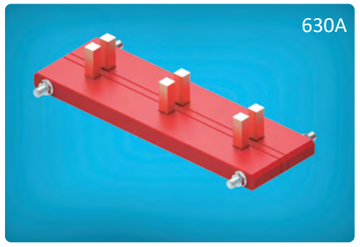
Recommended isolator mounting distances for Easybar

Short-circuit Current	Maximum mounting distances for Easybar support			
r.m.s. (kA)	50 kA	60 kA	70 kA	85 kA
peak (kA)	110 kA	132 kA	154 kA	187 kA
12,5x12,5mm Easybar	300mm	260mm	-	-
25x12,5mm Easybar	420mm	400mm	380mm	340mm
40x12,5mm Easybar	480mm	460mm	440mm	420mm

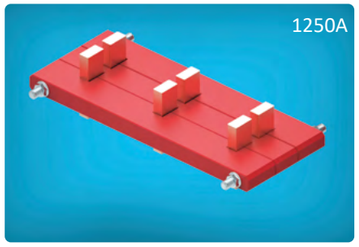


Easy Bar Isolators

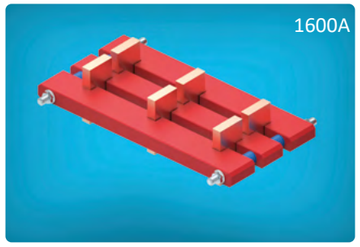
3 Pole support sets



BRIZE3P-TK0630

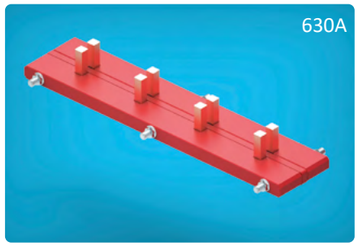


BRIZE3P-TK01250

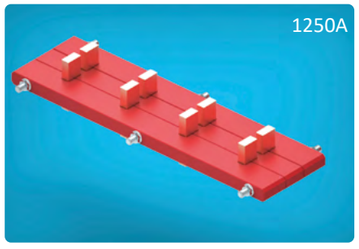


BRIZE3P-TK01600

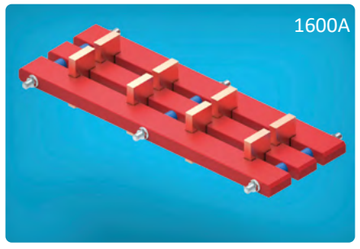
4 Pole support sets



BRIZE4P-TK0630



BRIZE4P-TK01250

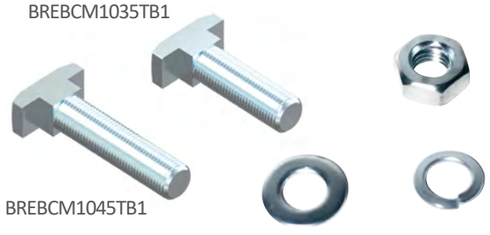


BRIZE4P-TK01600

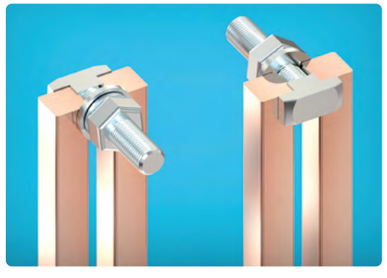
CONNECTION EQUIPMENT

Easy Bar M10 (T) bolt

BREBCM1035TB1

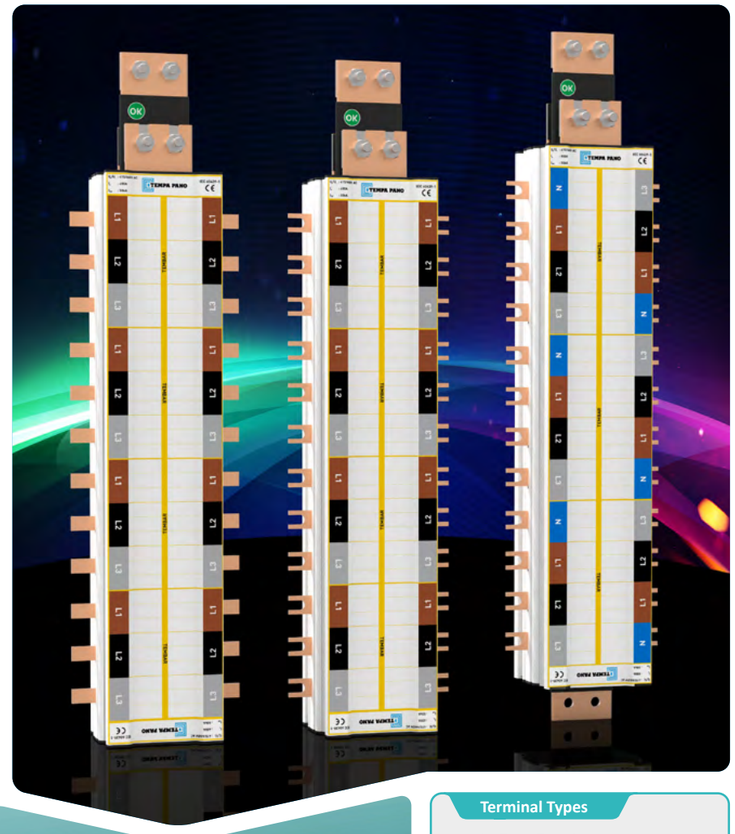


BREBCM1045TB1



Characteristics

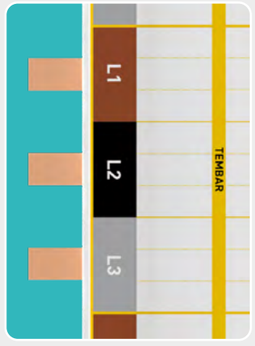
- Totally encapsulated, fully insulated 400A & 800A 415V_{AC} busbar system
- 400A / 800A system short circuit withstand is certified at 50 kA for 1second
- Suitable for BSEN / EN / IEC 60439-1 form 1-4 switchboard construction
- One piece copper construction
- Maintenance free
- Colour coding for all connections as standard
- Shroud for spare / unused outgoing terminals
- 400A - 800A incoming interconnectors
- Designed to direct connection for most major manufacturers MCCBs having outgoing terminal centres of 25, 30 and 35mm
- Tin plated as standart



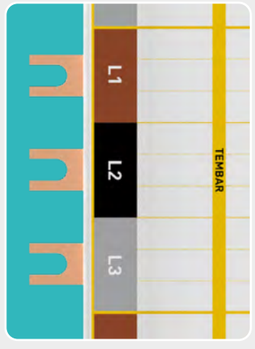


Terminal Types

N Type Terminal



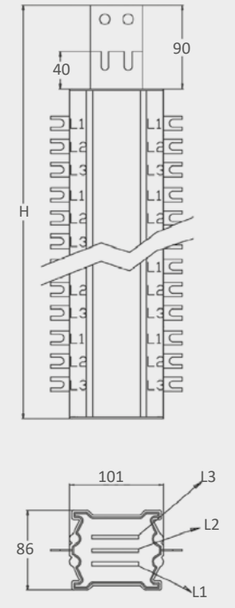
H Type Terminal



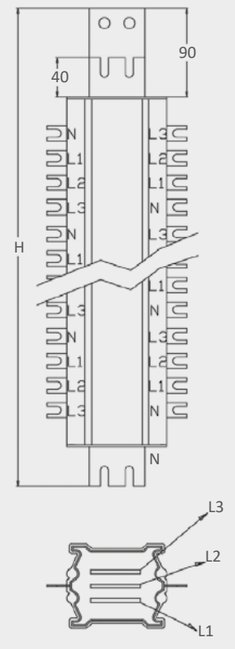
Incoming Current	Pole	Outgoing Terminal Centres	Way	Reference	H	Type	Mounting Kit Reference
A		mm			mm		
400	3P	25	6	TT 06254X	389	1	TT BK0625
			8	TT 08254X	470	1	TT BK0825
			10	TT 10254X	551	1	TT BK1025
			12	TT 12254X	632	1	TT BK1225
		30	6	TT 06304X	415	1	TT BK0630
			8	TT 08304X	505	1	TT BK0830
			10	TT 10304X	595	1	TT BK1030
			12	TT 12304X	686	1	TT BK1230
		35	6	TT 06354X	456	1	TT BK0635
			8	TT 08354X	561	1	TT BK0835
			10	TT 10354X	666	1	TT BK1035
			12	TT 12354X	771	1	TT BK1235
	3P+N	25	6	TM 06254X	508	2	TM BK0625
			8	TM 08254X	613	2	TM BK0825
			10	TM 10254X	718	2	TM BK1025
			12	TM 12254X	823	2	TM BK1225
		30	6	TM 06304X	551	2	TM BK0630
			8	TM 08304X	671	2	TM BK0830
			10	TM 10304X	791	2	TM BK1030
			12	TM 12304X	911	2	TM BK1230
		35	6	TM 06354X	607	2	TM BK0635
			8	TM 08354X	747	2	TM BK0835
			10	TM 10354X	887	2	TM BK1035
			12	TM 12354X	1027	2	TM BK1235
800	3P	25	6	TT 06258X	389	1	TT BK0625
			8	TT 08258X	470	1	TT BK0825
			10	TT 10258X	551	1	TT BK1025
			12	TT 12258X	632	1	TT BK1225
		30	6	TT 06308X	415	1	TT BK0630
			8	TT 08308X	505	1	TT BK0830
			10	TT 10308X	595	1	TT BK1030
			12	TT 12308X	686	1	TT BK1230
		35	6	TT 06358X	456	1	TT BK0635
			8	TT 08358X	561	1	TT BK0835
			10	TT 10358X	666	1	TT BK1035
			12	TT 12358X	771	1	TT BK1235
	3P+N	25	6	TM 06258X	508	2	TM BK0625
			8	TM 08258X	613	2	TM BK0825
			10	TM 10258X	718	2	TM BK1025
			12	TM 12258X	823	2	TM BK1225
		30	6	TM 06308X	551	2	TM BK0630
			8	TM 08308X	671	2	TM BK0830
			10	TM 10308X	791	2	TM BK1030
			12	TM 12308X	911	2	TM BK1230
		35	6	TM 06358X	607	2	TM BK0635
			8	TM 08358X	747	2	TM BK0835
			10	TM 10358X	887	2	TM BK1035
			12	TM 12358X	1027	2	TM BK1235

H : H Type Terminal
N : N Type Terminal

Type 1

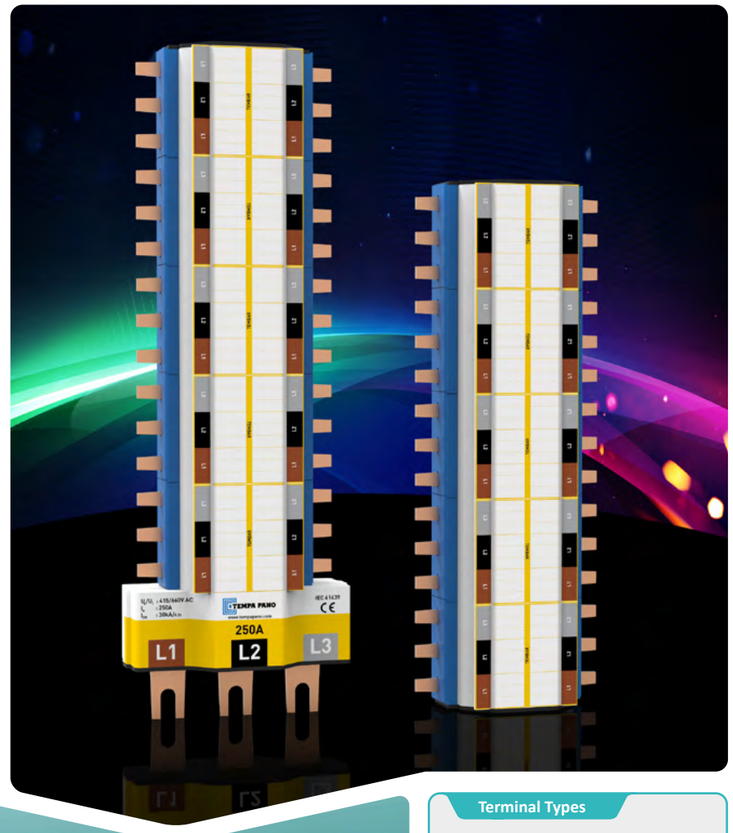


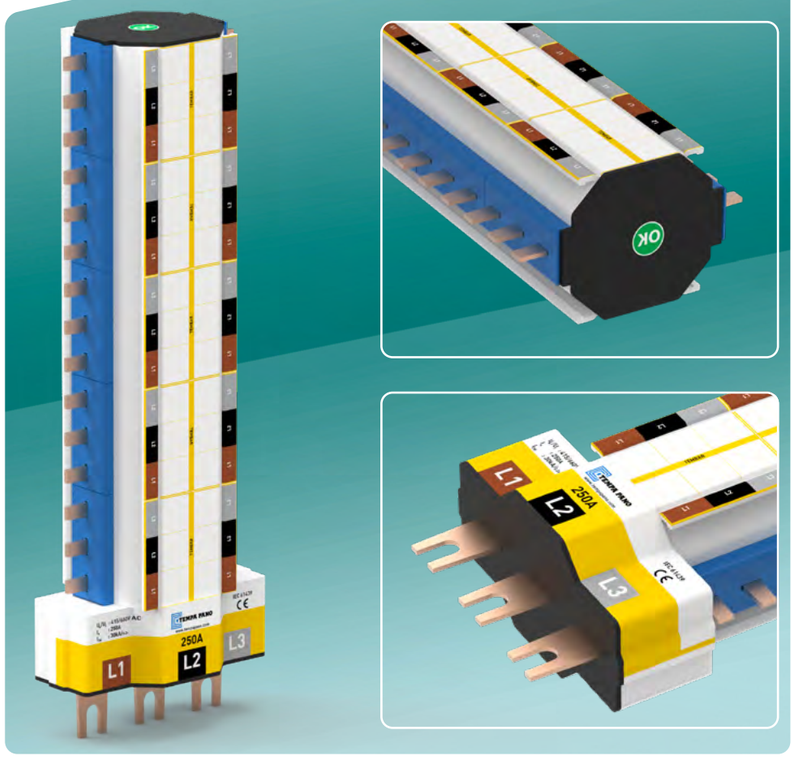
Type 2



Characteristics

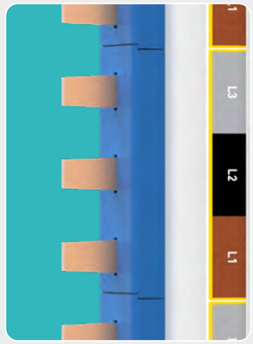
- Totally encapsulated, fully insulated 63A,100A and 250A 415V_{AC} busbar system
- 63A,100A and 250A system short circuit with-stand is certified at 30 kA (conditional)
- Suitable for BSEN / EN / IEC 60439-1 form 1-4 switchboard construction
- One piece copper construction
- Maintenance free
- Colour coding for all connections as standard
- Shroud for spare / unused outgoing terminals
- Direct connection to the incoming MCCB terminals
- Designed to direct connection for most major manufacturers MCBs having outgoing terminal centres of 18mm
- Tin plated as standart





Terminal Types

N Type Terminal

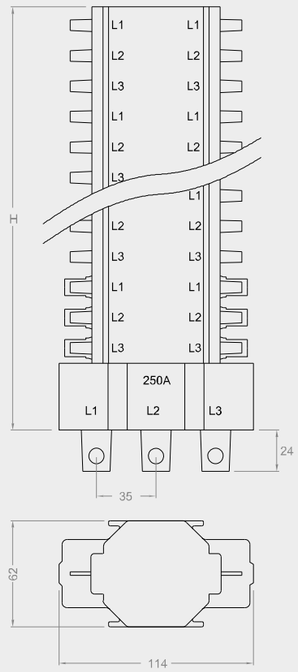


Incoming Current A	Pole	Outgoing Terminal Centres mm	Way	Reference	H mm	Type	Mounting Kit Reference
100	3P	18	4	TT 04181	148	1	TT BK0418
			6	TT 06181	201	1	TT BK0618
			8	TT 08181	255	1	TT BK0818
			10	TT 10181	308	1	TT BK1018
			12	TT 12181	361	1	TT BK1218
			14	TT 14181	415	1	TT BK1418
			16	TT 16181	468	1	TT BK1618
			18	TT 18181	522	1	TT BK1818
			20	TT 20181	575	1	TT BK2018
			22	TT 22181	628	1	TT BK2218
			24	TT 24181	682	1	TT BK2418

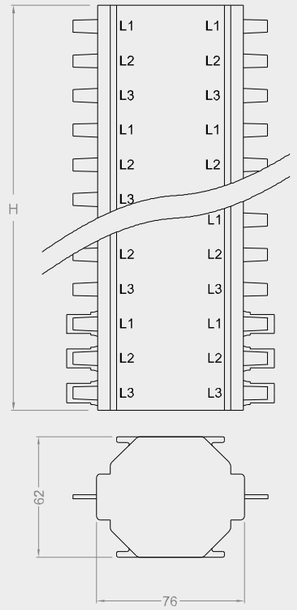
Incoming Current A	Pole	Outgoing Terminal Centres mm	Way	Reference	H mm	Type	Mounting Kit Reference
250	3P	18	4	TT 04182	148	1	TT BK0418
			6	TT 06182	201	1	TT BK0618
			8	TT 08182	255	1	TT BK0818
			10	TT 10182	308	1	TT BK1018
			12	TT 12182	361	1	TT BK1218
			14	TT 14182	415	1	TT BK1418
			16	TT 16182	468	1	TT BK1618
			18	TT 18182	522	1	TT BK1818
			20	TT 20182	575	1	TT BK2018
			22	TT 22182	628	1	TT BK2218
			24	TT 24182	682	1	TT BK2418

Incoming Current A	Pole	Outgoing Terminal Centres mm	Way	Reference	H mm	Type	Mounting Kit Reference
63	3P	18	4	TTS 04181	109	2	TTS BK0418
			6	TTS 06181	162	2	TTS BK0618
			8	TTS 08181	216	2	TTS BK0818
			10	TTS 10181	269	2	TTS BK1018
			12	TTS 12181	323	2	TTS BK1218
			14	TTS 14181	376	2	TTS BK1418
			16	TTS 16181	429	2	TTS BK1618
			18	TTS 18181	483	2	TTS BK1818
			20	TTS 20181	536	2	TTS BK2018
			22	TTS 22181	590	2	TTS BK2218
			24	TTS 24181	643	2	TTS BK2418

Type 2

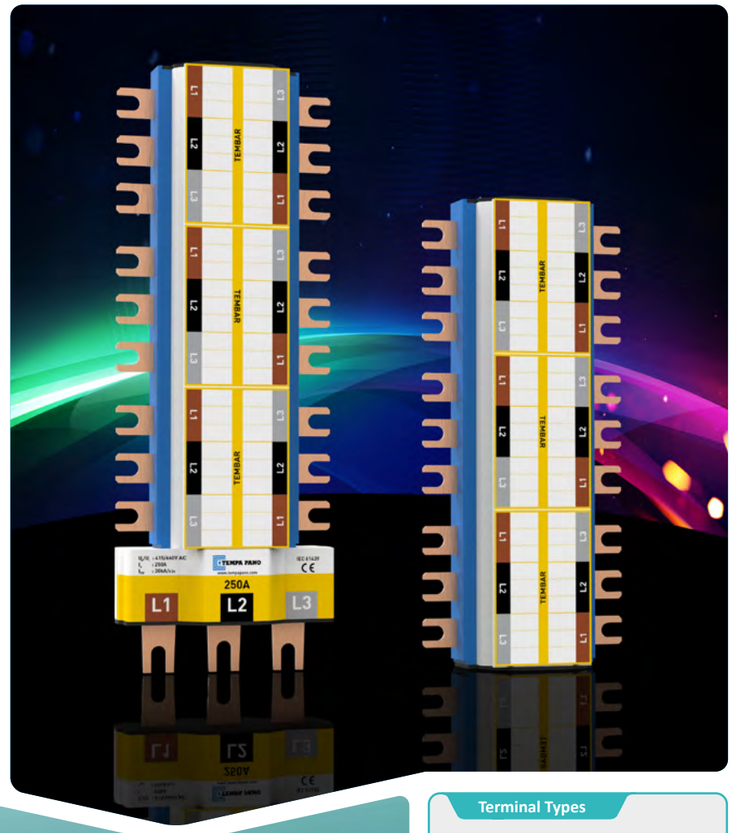


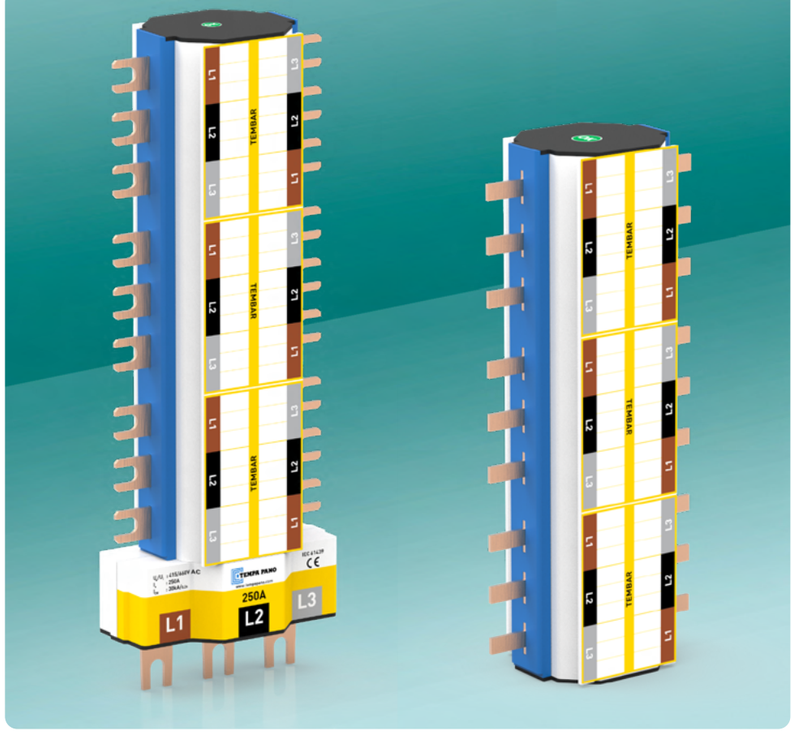
Type 2



Characteristics

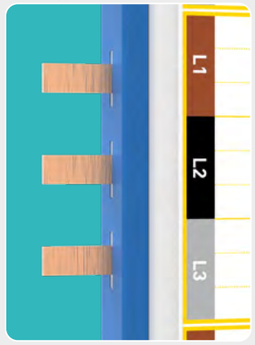
- Totally encapsulated, fully insulated 100A and 250A 415V_{AC} busbar system
- 100A and 250A system short circuit withstand is certified at 30 kA (conditional)
- Suitable for BSEN / EN / IEC 60439-1 form 1-4 switchboard construction
- One piece copper construction
- Maintenance free
- Colour coding for all connections as standard
- Shroud for spare / unused outgoing terminals
- Direct connection to the incoming MCCB terminals
- Designed to direct connection for most major manufacturers MCBs or MCCBs having outgoing terminal centres of 25mm
- Tin plated as standart



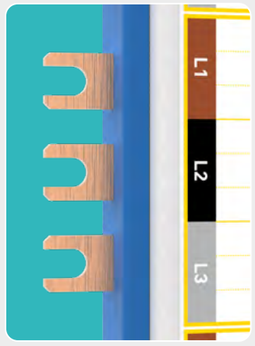


Terminal Types

N Type Terminal

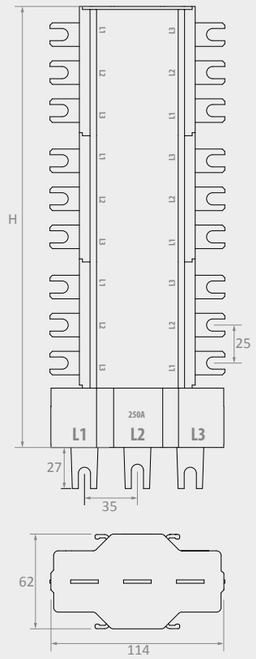


H Type Terminal



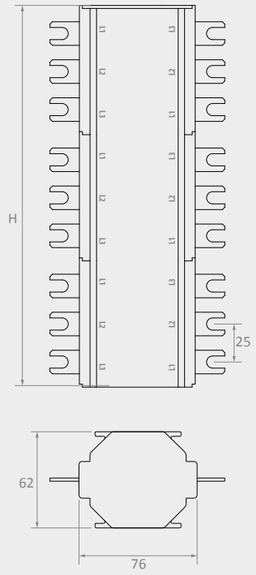
Incoming Current A	Pole	Outgoing Terminal Centres mm	Way	Reference	H mm	Type	Mounting Kit Reference
250	3P	25	4	TT 04252	207	1	TT BK0425
			6	TT 06252	290	1	TT BK0625
			8	TT 08252	373	1	TT BK0825
			10	TT 10252	456	1	TT BK1025
			12	TT 12252	539	1	TT BK1225
			14	TT 14252	622	1	TT BK1425
			16	TT 16252	705	1	TT BK1625
			18	TT 18252	788	1	TT BK2525
			20	TT 20252	871	1	TT BK2025
			22	TT 22252	954	1	TT BK2225
			24	TT 24252	1037	1	TT BK2425

Type 1



Incoming Current A	Pole	Outgoing Terminal Centres mm	Way	Reference	H mm	Type	Mounting Kit Reference
100	3P	25	4	TTS 04251	168	2	TTS BK0425
			6	TTS 06251	251	2	TTS BK0625
			8	TTS 08251	334	2	TTS BK0825
			10	TTS 10251	417	2	TTS BK1025
			12	TTS 12251	500	2	TTS BK1225
			14	TTS 14251	583	2	TTS BK1425
			16	TTS 16251	666	2	TTS BK1625
			18	TTS 18251	749	2	TTS BK2525
			20	TTS 20251	832	2	TTS BK2025
			22	TTS 22251	915	2	TTS BK2225
			24	TTS 24251	998	2	TTS BK2425

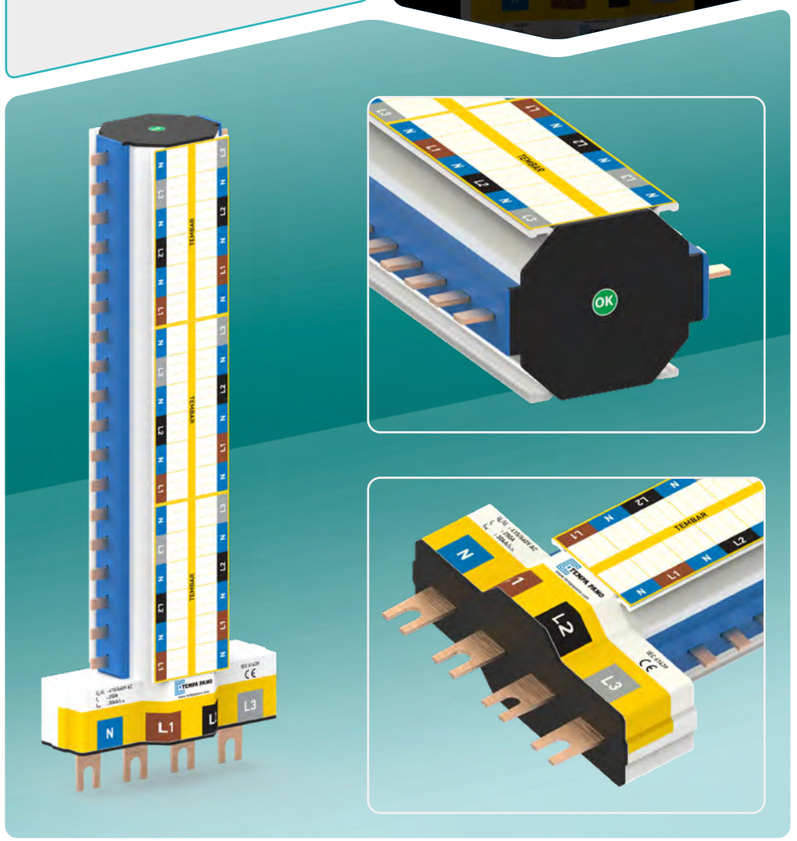
Type 2



Characteristics

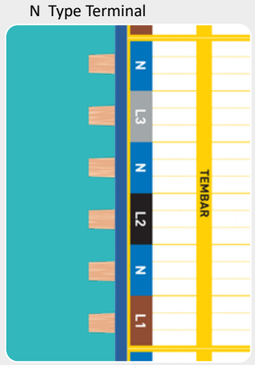
- Totally encapsulated, fully insulated 100A and 250A 415V_{AC} busbar system
- 100A and 250A system short circuit withstand is certified at 30 kA (conditional)
- Suitable for BSEN / EN / IEC 60439-1 form 1-4 switchboard construction
- One piece copper construction
- Maintenance free
- Colour coding for all connections as standard
- Shroud for spare / unused outgoing terminals
- Direct connection to the incoming 4P MCCB terminals
- Designed to direct connection for most major manufacturers MCBs having outgoing 1P+N terminal centres of 18mm
- Tin plated as standart





Terminal Types

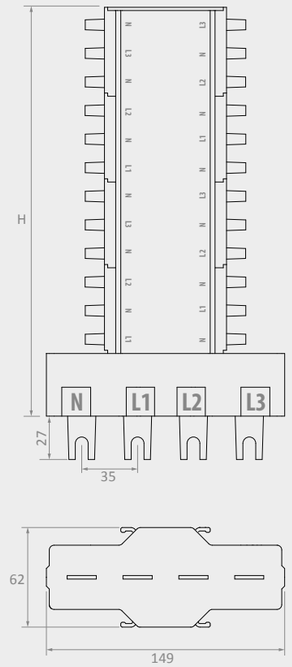
N Type Terminal



Incoming Current A	Pole	Outgoing Terminal Centres mm	Way	Reference	H mm	Type	Mounting Kit Reference
100	4P incoming 2P outgoing	18	6	TD 06 18 1	148	1	TD BK 06 18
			12	TD 12 18 1	255	1	TD BK 12 18
			18	TD 18 18 1	361	1	TD BK 18 18
			24	TD 24 18 1	468	1	TD BK 24 18
			30	TD 30 18 1	575	1	TD BK 30 18
			36	TD 36 18 1	682	1	TD BK 36 18

Incoming Current A	Pole	Outgoing Terminal Centres mm	Way	Reference	H mm	Type	Mounting Kit Reference
250	4P incoming 2P outgoing	18	6	TD 06 18 2	148	1	TD BK 06 18
			12	TD 12 18 2	255	1	TD BK 12 18
			18	TD 18 18 2	361	1	TD BK 18 18
			24	TD 24 18 2	468	1	TD BK 24 18
			30	TD 30 18 2	575	1	TD BK 30 18
			32	TD 36 18 2	682	1	TD BK 36 18

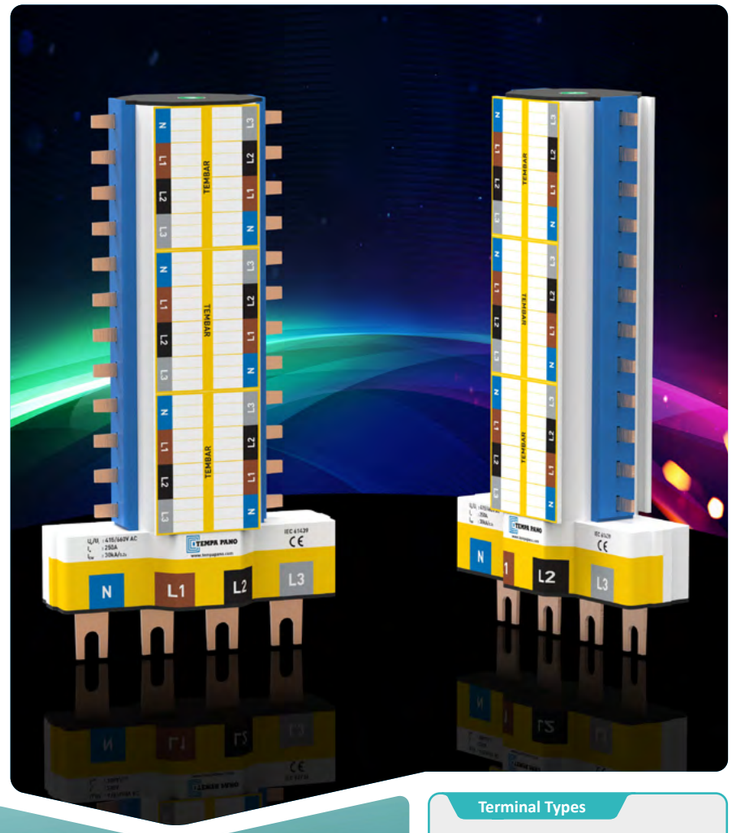
Type 1

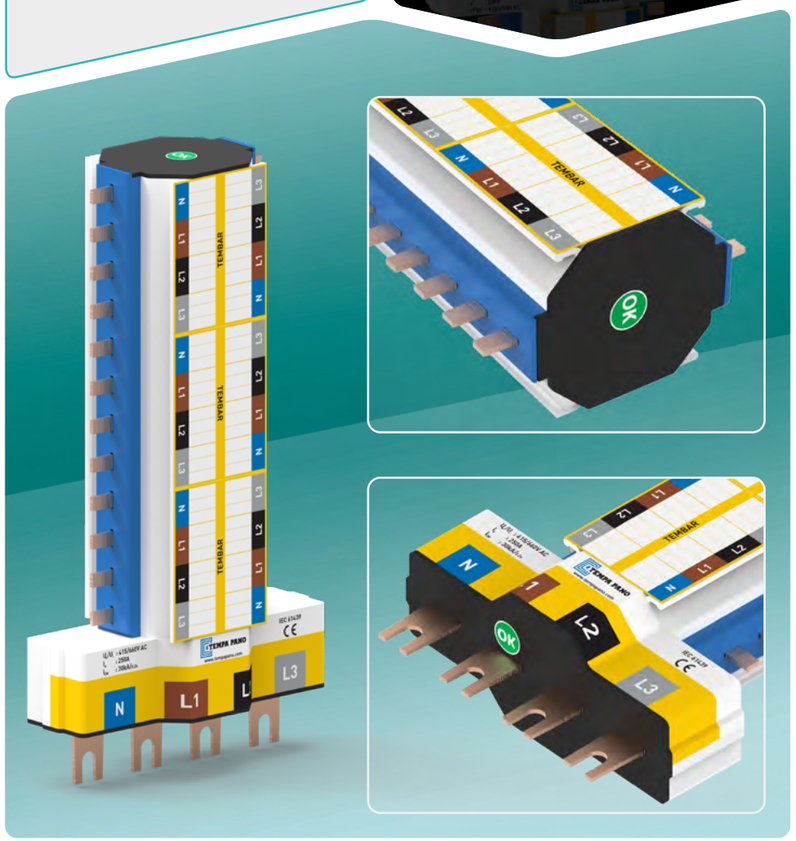


BUSBAR DISTRIBUTION SYSTEMS

Characteristics

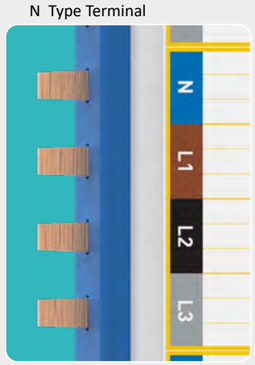
- Totally encapsulated, fully insulated 100A and 250A 415V_{AC} busbar system
- 100A and 250A system short circuit withstand is certified at 30 kA (conditional)
- Suitable for BSEN / EN / IEC 60439-1 form 1-4 switchboard construction
- One piece copper construction
- Maintenance free
- Colour coding for all connections as standard
- Shroud for spare / unused outgoing terminals
- Direct connection to the incoming 4P MCCB terminals
- Designed to direct connection for most major manufacturers MCBs having outgoing 3P+N terminal centres of 18mm
- Tin plated as standart





Terminal Types

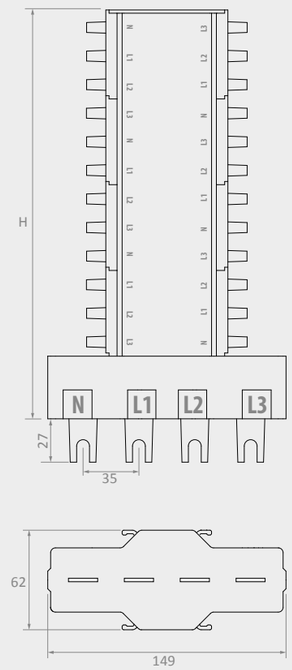
N Type Terminal



Incoming Current A	Pole	Outgoing Terminal Centres mm	Way	Reference	H mm	Type	Mounting Kit Reference
100	4P incoming 4P outgoing	18	6	TM 06 18 1	255	1	TM BK 06 18
			12	TM 12 18 1	468	1	TM BK 12 18
			18	TM 18 18 1	682	1	TM BK 18 18
			24	TM 24 18 1	896	1	TM BK 24 18

Incoming Current A	Pole	Outgoing Terminal Centres mm	Way	Reference	H mm	Type	Mounting Kit Reference
250	4P incoming 4P outgoing	18	6	TM 06 18 2	255	1	TM BK 06 18
			12	TM 12 18 2	468	1	TM BK 12 18
			18	TM 18 18 2	682	1	TM BK 18 18
			24	TM 24 18 2	896	1	TM BK 24 18

Type 1



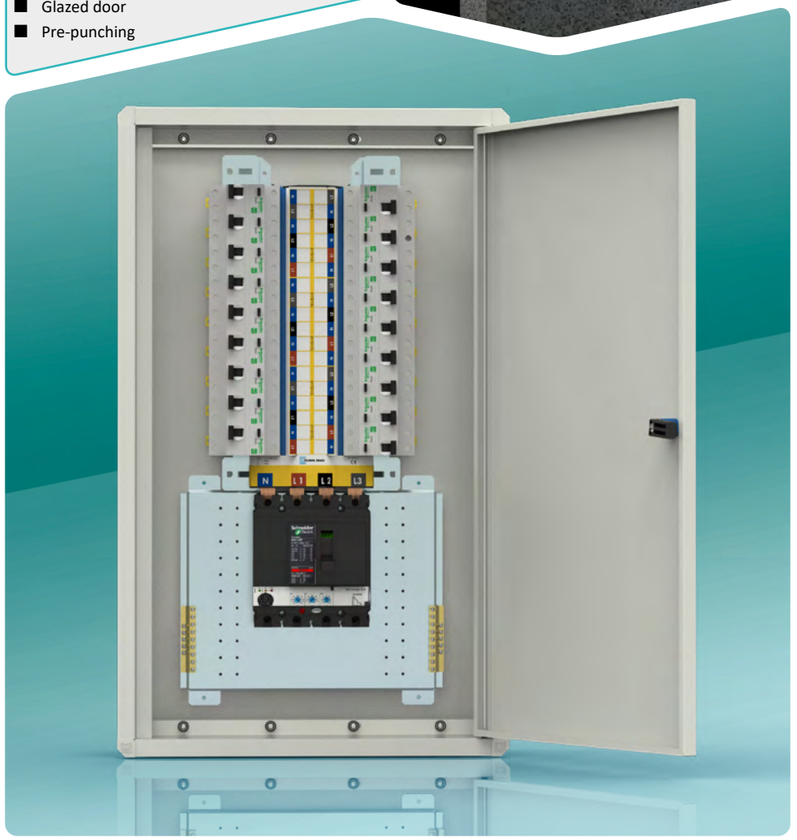
Characteristics

- Busbar (TEMBAR series) installed enclosure for ready to assembly (without main switch)
- Earth and shrouded neutral terminals
- Adjustable fixing parts for most major manufacturers standard (2A to 63A) MCB's
- Sheet steel enclosure, door and cover
- Built-In design
- Foamed-in door PU sealing gasket
- Top and bottom gland plates
- 120° concealed hinges
- Door can be left or right handed
- Colour coding for all connections as standard
- RAL7035w powder coating



On Request

- Special colour
- Special mounting plate
- Special sizes
- Glazed door
- Pre-punching





TDK A SERIES FLUSH MOUNTED TEMGARD BUSBAR DISTRIBUTION SYSTEMS

Incoming Current	Pole	Outgoing Terminal Centres	Way	Reference	Width	Height	Depth
					A	B	C
A		mm			mm	mm	mm
250	2	18	6	TDK A 01 2P 06 18	420	620	150
	2		12	TDK A 01 2P 12 18			
	3		6	TDK A 01 3P 06 18			
	3		8	TDK A 01 3P 08 18			
	4		6	TDK A 01 4P 06 18			
250	2	18	18	TDK A 02 2P 18 18	420	720	150
	3		10	TDK A 02 3P 10 18			
	3		12	TDK A 02 3P 12 18			
250	2	18	24	TDK A 03 2P 24 18	420	820	150
	3		14	TDK A 03 3P 14 18			
	3		16	TDK A 03 3P 16 18			
	4		12	TDK A 03 4P 12 18			
250	2	18	30	TDK A 04 2P 30 18	420	920	150
	3		18	TDK A 04 3P 18 18			
	3		20	TDK A 04 3P 20 18			
250	2	18	36	TDK A 05 2P 36 18	420	1020	150
	3		22	TDK A 05 3P 22 18			
	3		24	TDK A 05 3P 24 18			
	4		18	TDK A 05 4P 18 18			

BUSBAR DISTRIBUTION SYSTEMS

Characteristics

- Busbar (TEMBAR series) installed enclosure for ready to assembly (without main switch)
- Earth and shrouded neutral terminals
- Adjustable fixing parts for most major manufacturers standard (2A to 63A) MCB's
- Sheet steel enclosure, door and cover
- Built-In design
- Foamed-in door PU sealing gasket
- Top and bottom gland plates
- 155° concealed hinges
- Door can be left or right handed
- Colour coding for all connections as standard
- RAL7035w powder coating

On Request

- Special colour
- Special mounting plate
- Special sizes
- Glazed door
- Pre-punching









Incoming Current	Pole	Outgoing Terminal Centres	Way	Reference	Width	Height	Depth
					A	B	C
A		mm			mm	mm	mm
250	2	18	6	TDK S 01 2P 06 18	420	655	150
	2		12	TDK S 01 2P 12 18			
	3		6	TDK S 01 3P 06 18			
	3		8	TDK S 01 3P 08 18			
	4		6	TDK S 01 4P 06 18			
250	2	18	18	TDK S 02 2P 18 18	420	755	150
	3		10	TDK S 02 3P 10 18			
	3		12	TDK S 02 3P 12 18			
250	2	18	24	TDK S 03 2P 24 18	420	855	150
	3		14	TDK S 03 3P 14 18			
	3		16	TDK S 03 3P 16 18			
	4		12	TDK S 03 4P 12 18			
250	2	18	30	TDK S 04 2P 30 18	420	955	150
	3		18	TDK S 04 3P 18 18			
	3		20	TDK S 04 3P 20 18			
250	2	18	36	TDK S 05 2P 36 18	420	1055	150
	3		22	TDK S 05 3P 22 18			
	3		24	TDK S 05 3P 24 18			
	4		18	TDK S 05 4P 18 18			

Characteristics

Material

Sheet steel (EN 10130 DC01)
- Body : 1.2 mm
- Cover : 1.2 mm

Galvanized steel (EN 10346 DX51D+Z)
- Mounting plate : 1.5 mm

Surface Finishing
- RAL7035w Powder coating

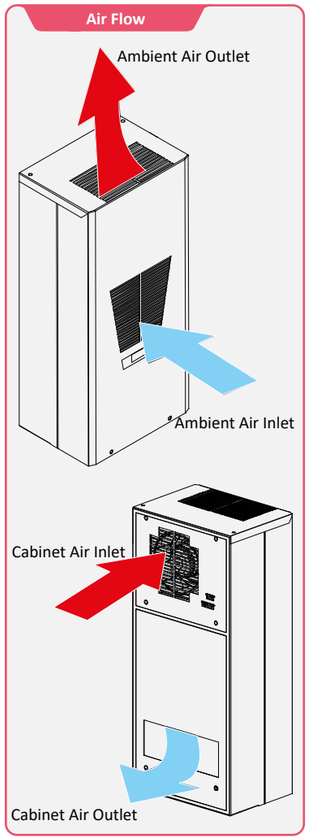
Protection Degree
- IP54 Cabinet Side (TS 3033, EN 60529)
- IP34 Ambient Side (TS 3033, EN 60529)

Others
- Digital control unit
- Programmable door and alarm output contact
- Two different power in same size/cut-out
- Large fin space for minimum dust accumulation
- Fast and easy installation
- Condensate drain output
- Maximum air inlet-outlet distance in cabinet side for optimum cooling performance
- Optional easy fixing ambient side dust filter kit
- Stainless steel versions on request



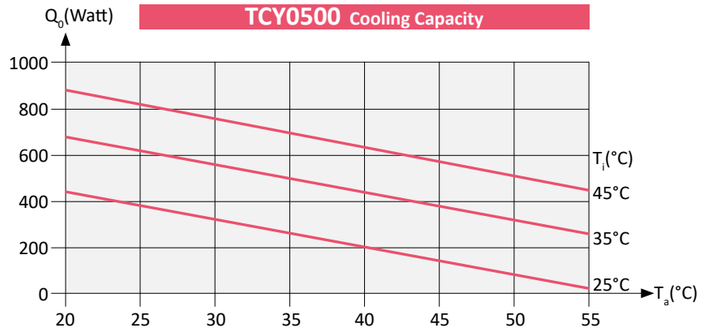


Air Flow

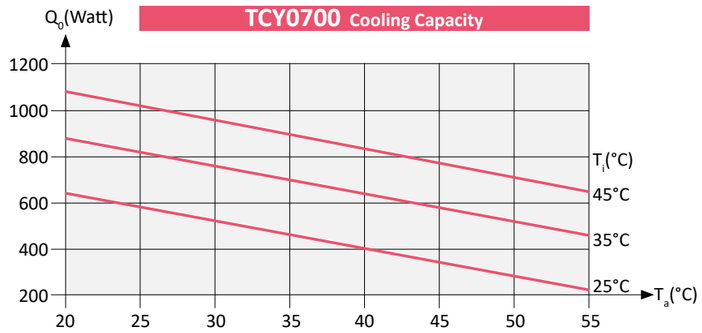


		TCY0500	TCY0700	TCY0900
Cooling Capacity (EN 14511)	L35 / L35	500 W	700 W	900 W
	L35 / L50	300 W	520 W	740 W
Voltage - Phase - Frequency		230 V 1~ 50 Hz		
Power Consumption	L35 / L35		390 W	530 W
Maximum Running Current	L35 / L50	2.4 A	2.5 A	3.5 A
Starting Current		10 A	17 A	21 A
Unimpeded Air Flow (Internal - External)		346 m³/h - 500 m³/h	650 m³/h - 650 m³/h	650 m³/h - 650 m³/h
Control Type		Digital , door switch and alarm output		
Cabinet Temperature Limits		20°C - 45°C		
Ambient Temperature Limits		20°C - 55°C		
Refrigerant Type		R 134a		
Refrigerant Amount		180 g	240 g	350 g
Dimensions (Width/Height/Depth)		292mm / 592mm / 215mm	337mm / 742mm / 242mm	
Weight		24 kg	30 kg	35 kg
Protection Degree (TS 3033, EN 60529)	Cabinet Side	IP 54		
	Ambient Side	IP 34		
Unit Construction		RAL 7035 Electrostatic Powder Coated Sheet Steel (optional Stainless) and Galvanized Sheet Steel		

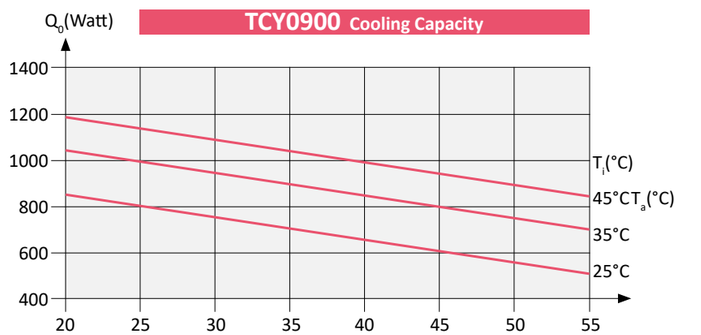
TCY0500 Cooling Capacity



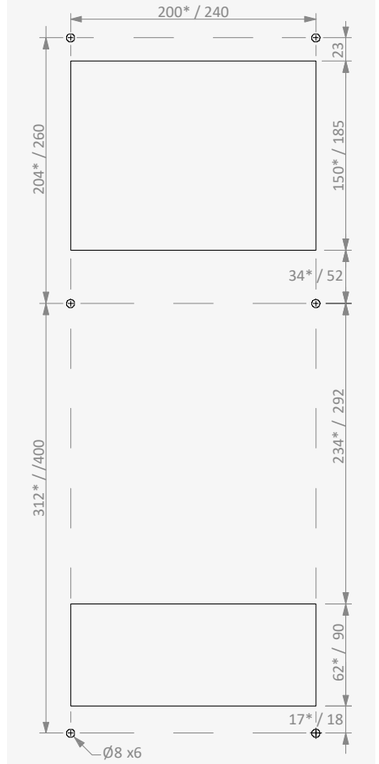
TCY0700 Cooling Capacity



TCY0900 Cooling Capacity



Cut-out Dimensions (mm)



* Dimensions for TCY500

Q_0 : Cooling Capacity
T_a : Ambient Temperature
T_i : Cabinet Internal Temperature

AIR CONDITIONING SYSTEMS

Characteristics

Material

Sheet steel (EN 10130 DC01)
- Body : 1.2 mm
- Cover : 1.2 mm

Galvanized steel (EN 10346 DX51D+Z)
- Mounting plate : 1.5 mm

Surface Finishing
- RAL7035w Powder coating

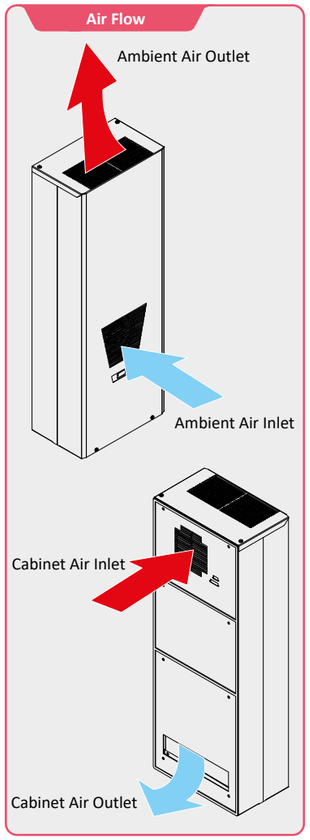
Protection Degree
- IP54 Cabinet Side (TS 3033, EN 60529)
- IP34 Ambient Side (TS 3033, EN 60529)

Others
- Digital control unit
- Programmable door and alarm output contact
- Two different power in same size/cut-out
- Large fin space for minimum dust accumulation
- Fast and easy installation
- Condensate drain output
- Maximum air inlet-outlet distance in cabinet side for optimum cooling performance
- Optional easy fixing ambient side dust filter kit
- Stainless steel versions on request



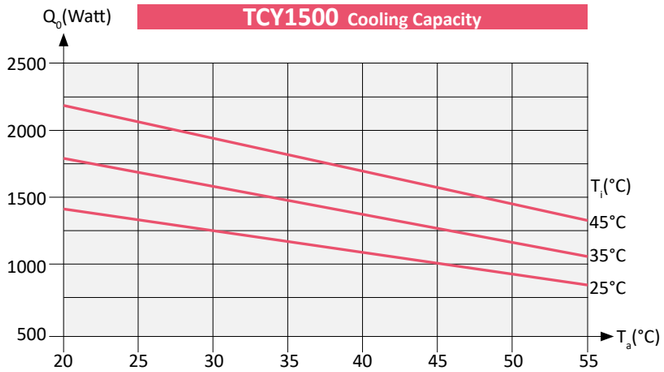


Air Flow



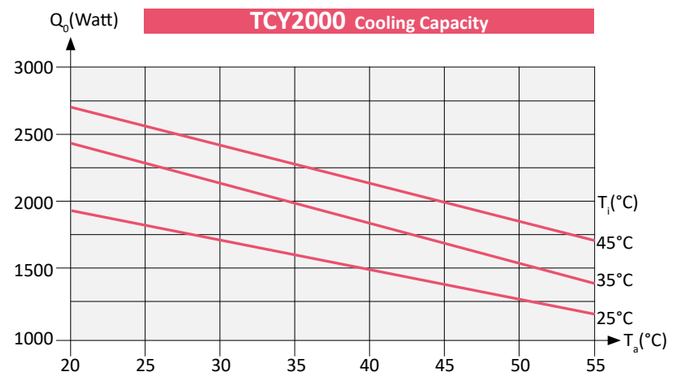
		TCY1500	TCY2000
Cooling Capacity (EN 14511)	L35 / L35	1500 W	2000 W
	L35 / L50	1200 W	1550 W
Voltage - Phase - Frequency		230 V 1~ 50 Hz	
Power Consumption	L35 / L35	860 W	1070 W
Maximum Running Current	L35 / L50	5.7 A	6.5 A
Starting Current		22 A	22 A
Unimpeded Air Flow (Internal - External)		850 m³/h - 850 m³/h	850 m³/h - 1200 m³/h
Control Type		Digital , door switch and alarm output	
Cabinet Temperature Limits		20°C - 45°C	
Ambient Temperature Limits		20°C - 55°C	
Refrigerant Type		R 134a	
Refrigerant Amount		400 g	600 g
Dimensions (Width/Height/Depth)		436mm / 1200mm / 266mm	
Weight		51 kg	59 kg
Protection Degree (TS 3033, EN 60529)	Cabinet Side	IP 54	
	Ambient Side	IP 34	
Unit Construction		RAL 7035 Electrostatic Powder Coated Sheet Steel (optional Stainless) and Galvanized Sheet Steel	

TCY1500 Cooling Capacity



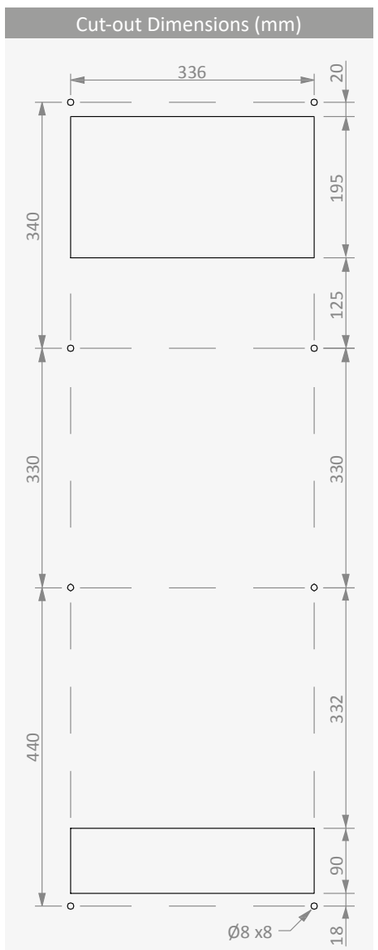
Q_0 : Cooling Capacity
T_a : Ambient Temperature
T_i : Cabinet Internal Temperature

TCY2000 Cooling Capacity



Q_0 : Cooling Capacity
T_a : Ambient Temperature
T_i : Cabinet Internal Temperature

Cut-out Dimensions (mm)



AIR CONDITIONING SYSTEMS

Characteristics

Material

Sheet steel (EN 10130 DC01)
- Body : 1.2 mm
- Cover : 1.2 mm

Galvanized steel (EN 10346 DX51D+Z)
- Mounting plate : 1.5 mm

Surface Finishing
- RAL7035w Powder coating

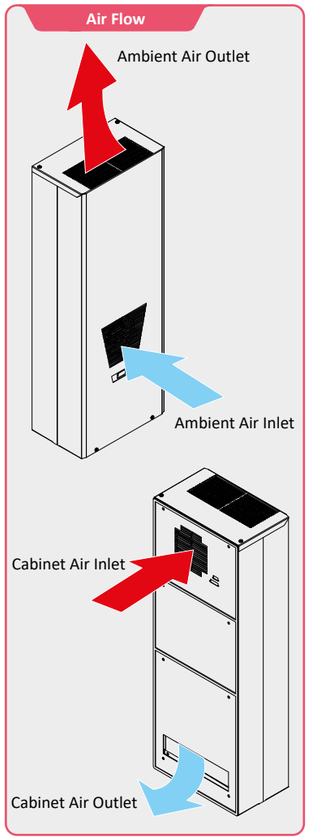
Protection Degree
- IP54 Cabinet Side (TS 3033, EN 60529)
- IP34 Ambient Side (TS 3033, EN 60529)

Others
- Digital control unit
- Programmable door and alarm output contact
- Two different power in same size/cut-out
- Large fin space for minimum dust accumulation
- Fast and easy installation
- Condensate drain output
- Maximum air inlet-outlet distance in cabinet side for optimum cooling performance
- Optional easy fixing ambient side dust filter kit
- Stainless steel versions on request



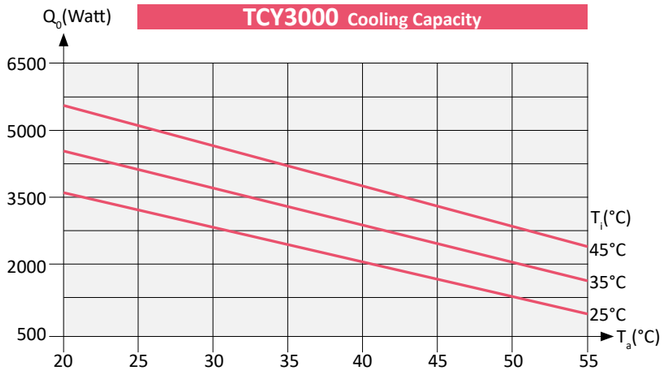


Air Flow



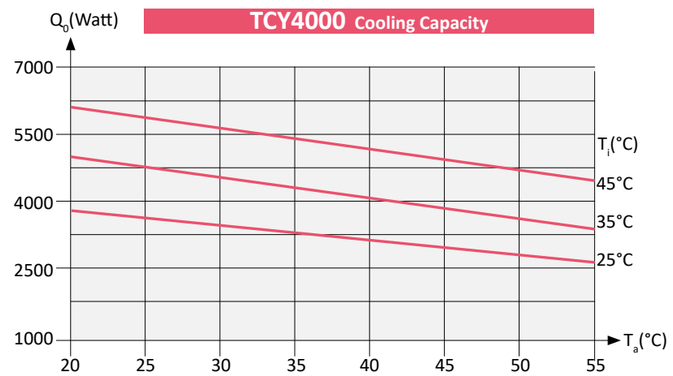
		TCY3000	TCY4000
Cooling Capacity (EN 14511)	L35 / L35	3250 W	4350 W
	L35 / L50	1620 W	3650 W
Voltage - Phase - Frequency		230 V 1~ 50 Hz	
Power Consumption	L35 / L35		
Maximum Running Current	L35 / L50	7.13 A	6.7 A
Starting Current		28 A	30 A
Unimpeded Air Flow (Internal - External)		1200 m^3/h - 1200 m^3/h	1200 m^3/h - 1200 m^3/h
Control Type		Digital , door switch and alarm output	
Cabinet Temperature Limits		20°C - 45°C	
Ambient Temperature Limits		20°C - 55°C	
Refrigerant Type		R 134a	
Refrigerant Amount		800 g	1200 g
Dimensions (Width/Height/Depth)		436mm / 1300mm / 365mm	
Weight		75 kg	83 kg
Protection Degree (TS 3033, EN 60529)	Cabinet Side	IP 54	
	Ambient Side	IP 34	
Unit Construction		RAL 7035 Electrostatic Powder Coated Sheet Steel (optional Stainless) and Galvanized Sheet Steel	

TCY3000 Cooling Capacity



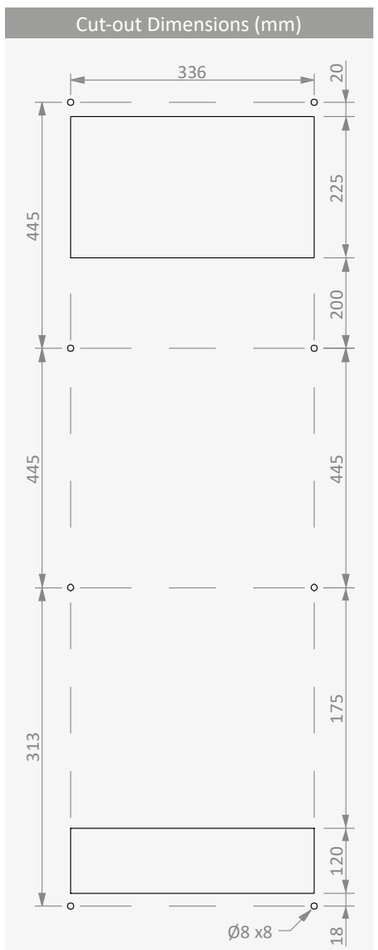
Q_0 : Cooling Capacity
T_a : Ambient Temperature
T_i : Cabinet Internal Temperature

TCY4000 Cooling Capacity



Q_0 : Cooling Capacity
T_a : Ambient Temperature
T_i : Cabinet Internal Temperature

Cut-out Dimensions (mm)

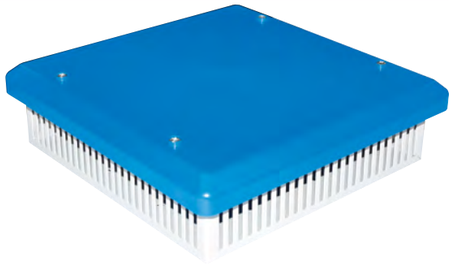


AIR CONDITIONING SYSTEMS

Roof-Mounted Fan Units

Reference No	Dimensions H x W x D (mm)	Air Flow * (m^3/h)	Voltage (V_{AC})	Freq. (Hz)	Power (W)	Noise Level (dB(A))
FFTP TF011	100 x 350 x 350	650	230	50	65	68
FFTP TF021	100 x 350 x 350	860	230	50	100	73

* Unimpeded air flow / Colour: RAL7035w



19" Rack Mounted Fan Units

Reference No	Height *	Number of Fans
PEC FR1031	1 U	3
PEC FR1061	1 U	6

* 1U: 44.45 mm / Colour: RAL7035w





Fan Filters

Reference No	Dimensions H x W x D (mm)	Installation Cut-out (mm)	Air Flow * (m^3/h)	Voltage (V_{AC})	Freq. (Hz)	Power (W)	Protection Degree	Noise Level (dB(A))
FFTPTF 1000	105 x 105 x 56	92 x 92	38/22	230/115	50 / 60	12 / 9	IP43	31/37
FFTPTF 2000	150 x 150 x 76	125 x 125	160/107	230/115	50 / 60	19/14	IP54	34/37
FFTPTF 3000	250 x 250 x 127	223 x 223	460/325	230/115	50 / 60	41/38	IP54	55/57
FFTPTF 5000	325 x 325 x 163	291 x 291	925/637	230/115	50 / 60	65/75	IP54	59/61
FFTPTF 6000	325 x 325 x 164	291 x 291	1860/1395	230/115	50 / 60	110/145	IP54	69/70

Colour: RAL7035w / Protection Degree: IP55 on request

* Unimpeded air flow / Air flow in combination (Filter fan + Exhaust filter)

Filters

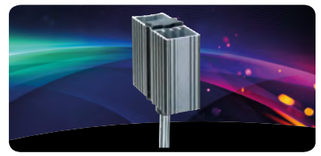
Reference No	Dimensions H x W x D (mm)	Installation Cut-out (mm)	Filter Mat (g/m^2)	Protection Degree
FFTPTFA 1000	105 x 105 x 14	92 x 92	150	IP43
FFTPTFA 2000	150 x 150 x 31	125 x 125	150	IP54
FFTPTFA 3000	250 x 250 x 36	223 x 223	150	IP54
FFTPTFA 6000	325 x 325 x 36	291 x 291	150	IP54

Colour: RAL7035w / Protection Degree: IP55 on request

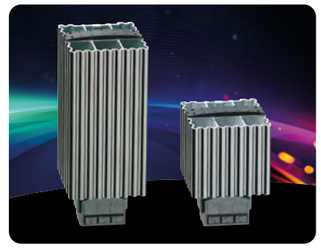


Heaters

Reference No	Dimensions H x W x D (mm)	Heating Capacity (W)	Voltage (V)	Freq. (Hz)	Connection	Protection Degree
IS TP THK 15	60x50x27	15	100-250V AC-DC	50	Cable	IP20
IS TP THK 25	70X50x27	25	100-250V AC-DC	50	Cable	IP20



Reference No	Dimensions H x W x D (mm)	Heating Capacity (W)	Voltage (V)	Freq. (Hz)	Connection	Protection Degree
IS TP TH 30	128x70x59	30	100-250V AC-DC	50	Terminal	IP20
IS TP TH 50	138x70x59	50	100-250V AC-DC	50	Terminal	IP20
IS TP TH 75	178x70x59	75	100-250V AC-DC	50	Terminal	IP20
IS TP TH 100	188x70x59	100	100-250V AC-DC	50	Terminal	IP20
IS TP TH 150	228x70x59	150	100-250V AC-DC	50	Terminal	IP20



Fan Heater

Reference No	Dimensions H x W x D (mm)	Heating Capacity (W)	Voltage (V_{AC})	Freq. (Hz)	Connection	Protection Degree
IS TP TFH 100-PTC	170x89x60	100	230	50/60	Terminal	IP20
IS TP TFH 150-PTC	210x89x60	150	230	50/60	Terminal	IP20
IS TP TFH 250	152x110x80	250	230	50/60	Terminal	IP20
IS TP TFH 500	182x110x80	500	230	50/60	Terminal	IP20
IS TP TFH 750	232x110x80	750	230	50/60	Terminal	IP20



Thermostats and Hygrostats

Reference No	Type		Dimensions H x W x D (mm)	Setting Range	Max. Switching Capacity 250 V_{AC} (Resistive Load) (V_{AC})	Contact
TEKTO 1140	Thermostat	Heater	60 x 43 x 33	0 - 60 °C	10 A	1 NC
TEKTS 1141	Thermostat	Fan	60 x 43 x 33	0 - 60 °C	10 A	1 NO
TEZR 011	Thermostat	Fan & Heater	67 x 50 x 46	0 - 60 °C	10 A	1 NO / 1 NC
TEFZK 011	Thermostat		67 x 50 x 38	5 - 60 °C	10 A	1 CO
TEMFR 012	Hygrostat	Mechanic	67 x 50 x 38	35 - 95 % RH	5 A	1 CO
TEETF 012	Thermostat + Hygrostat	Electronic	77 x 60 x 43	0 - 60 °C 35 - 95% RH	8 A	1 CO



Lighting

Reference No	Rated Voltage	Power Consumption	Lamp Type	Switch	Socket	Connection	Mounting
LM AR ST LED 025	220V_{AC}	5 W	LED- Light Color	on/off light switch	-	2P Connector	Magnet
LM AR S 00 11 130	220V_{AC}	10 W	LED- Light Color	on/off light switch	2x16A Schuko	3P Terminal	Screw
LM AR S 00 11 131	220V_{AC}	10 W	LED- Light Color	on/off light switch	-	3P Terminal	Screw
LM AR S 00 11 135	220V_{AC}	6 W	LED- Light Color	sensor	-	2P Connector	Magnet
LM AR S 00 11 136	220V_{AC}	6 W	LED- Light Color	on/off light switch	-	2P Connector	Screw
LM AR S 00 11 140	220V_{AC}	11 W	LED- Light Color	on/off light switch	2x16A Schuko	3P Terminal	Magnet
LM AR S 00 11 141	220V_{AC}	11 W	LED- Light Color	on/off light switch	-	3P Terminal	Magnet







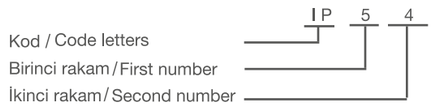








IP Koruma Sınıfı tanımlaması / Definition of IP Protection Degrees (IEC 60529 / EN 60529)



Katı cisimlere karşı koruma Protection against solid objects	
Birinci Rakam First Number	Tanımlama / Description
0	Koruma yok. No protection.
1	50 mm'den büyük cisimlere karşı koruma. Protected against solid objects; diameter ≥ 50mm.
2	12.5 mm'den büyük cisimlere karşı koruma. Protected against solid objects; diameter ≥ 12.5mm.
3	2.5 mm'den büyük cisimlere karşı koruma. Protected against solid objects; diameter ≥ 2.5mm.
4	1 mm'den büyük cisimlere karşı koruma. Protected against solid objects; diameter ≥ 1mm.
5	Toza karşı koruma (Zararsız hafif toz geçişi olabilir). Protected against dust (harmless amount permitted).
6	Toza karşı tam koruma. Completely protected against dust.

Sıvılara karşı koruma Protection against liquids	
İkinci Rakam Second Number	Tanımlama / Description
0	Koruma yok. No protection.
1	Düşey gelen su damlalarına karşı koruma. Protected against vertically dripping water.
2	Düşeyden 15° lik açıyla gelen su damlalarına karşı koruma. Protected against 15° (angle from the vertical) dripping water.
3	Düşeyden 60° lik açıyla gelen püskürtmeli su damlalarına karşı koruma. Protected against 60° (angle from the vertical) sprays of water.
4	Her yönden gelen püskürtmeli su damlalarına karşı koruma. Protected against every direction of sprayed water.
5	Her yönden gelen düşük basınçlı suya karşı koruma (Zararsız çok az su geçişi olabilir). Protected against low pressure water jets from all directions (harmless amount permitted).
6	Her yönden gelen basınçlı suya karşı koruma (Zararsız çok az su geçişi olabilir). Protected against strong water jets from all directions (harmless amount permitted).
7	Temporary protected against immersion in water (water must not penetrade in harmfull quantity at described period). Geçici süre suya daldırmaya karşı koruma.
8	Uzun süre derin suda beklemeye karşı koruma. Protected against under pressure, long periods of immersion in water.

TEKNİK BİLGİLER / TECHNICAL APPENDIX

Dikdörtgen kesitli bakır baraların akım taşıma kapasiteleri
Permissible loading of copper main busbars and section busbars of rectangular cross-section

35°C ortam sıcaklığı, 30°C sıcaklık yükselmesi için / 35°C ambient temperature, 30°C temperature rise

En x Kalınlık Width xThickness (mm x mm)	Bara Kesiti Cross Section (mm^2)	Ağırlık Weight (kg/m)	Akım Taşıma Kapasitesi [A] 50 Hz / Permissible Loading [A] with 50 Hz							
			Bara Adedi (Boyalı) / Number of Bars (Painted)				Bara Adedi (Çıplak) / Number of Bars (Bare)			
			I	II	III	IIII	I	II	III	IIII
12 x 2	24	0.21	125	250	---	---	110	220	---	---
15 x 2	30	0.27	155	270	---	---	140	240	---	---
15 x 3	45	0.40	185	330	---	---	170	300	---	---
20 x 2	40	0.36	205	350	---	---	185	315	---	---
20 x 3	60	0.54	245	425	---	---	220	380	---	---
20 x 5	100	0.89	325	550	---	---	290	495	---	---
25 x 3	75	0.67	300	510	---	---	270	460	---	---
25 x 5	125	1.12	385	670	---	---	350	600	---	---
30 x 3	90	0.80	350	600	---	---	315	540	---	---
30 x 5	150	1.34	450	780	---	---	400	700	---	---
40 x 3	120	1.07	460	780	---	---	420	710	---	---
40 x 5	200	1.78	600	1000	---	---	520	900	---	---
40 x 10	400	3.56	835	1500	2060	2800	750	1350	1850	2500
50 x 5	250	2.23	720	1200	1750	2300	630	1100	1500	2100
50 x 10	500	4.45	1025	1800	2450	3330	920	1620	2200	3000
60 x 5	300	2.67	825	1400	1980	2650	750	1300	1800	2400
60 x 10	600	5.34	1200	2100	2800	3800	1100	1860	2500	3400
80 x 5	400	3.56	1060	1800	2450	3300	950	1650	2200	2900
80 x 10	800	7.12	1540	2600	3300	4600	1400	2300	3100	4200
100 x 5	500	4.45	1310	2200	2950	3800	1100	2000	2600	3400
100 x 10	1000	8.90	1880	3100	4000	5400	1700	2700	3600	4800
120 x 10	1200	10.68	2200	3500	4600	6100	2000	3200	4200	5500
160 x 10	1600	14.24	2880	4400	5800	7800	2600	3900	5200	7000

Flexible bakır bara akım taşıma kapasitesi (A) / Flexible busbars current-carrying capacity (A)

Ortam sıcaklığının 20°C olması durumunda / ambient temperature up to 20°C

Genişlik Width (G) mm	Kalınlık Thinckness (K) mm	Bakır Levha Sayısı Number of copper(N)	Kesit Cross section (mm^2)	20°C	30°C	40°C	50°C	60°C	70°C	80°C	Bakır Ağırlığı Copper Weight (kg/m)	Brüt Ağırlık Gross Weight (kg/m)
15,5	0,8	2	24,8	102	128	149	167	183	197	209	0,221	0,278
15,5	0,8	3	37,2	143	179	208	233	255	274	291	0,331	0,391
20	1	2	40	172	215	250	280	306	329	350	0,356	0,427
20	1	3	60	222	278	324	363	397	427	453	0,534	0,607
24	1	4	96	288	360	420	470	514	553	587	0,854	0,941
32	1	5	160	397	496	578	648	708	762	809	1,424	1,536
40	1	6	240	530	663	773	866	947	1,018	1,081	2,136	2,272
40	1	8	320	642	803	936	1,048	1,146	1,233	1,309	2,848	2,969
40	1	10	400	728	911	1,061	1,189	1,300	1,397	1,484	3,560	3,707
50	1	5	250	572	716	834	934	1,021	1,098	1,167	2,225	2,385
50	1	10	500	860	1,076	1,253	1,404	1,535	1,651	1,754	4,450	4,624
63	1	10	630	990	1,239	1,443	1,617	1,768	1,901	2,019	5,607	5,816
100	1	10	1000	1226	1533	1,786	2,001	2,188	2,353	2,499	8,900	9,210

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TECHNICAL APPENDIX

Information and Calculating the problem of temperature inside the cabinet

The problem of temperature inside the cabinet can be correctly solved only by understanding the factors that contribute to the phenomenon.

ti : [°C] ; maximum temperature acceptable inside the cabinet,
te : [°C] ; maximum room temperature reachable outside the cabinet,
∆t : [°C] ; **∆t = ti - te** ; difference of temperature between the inside and outside of the cabinet,
S : [m^2] ; free cabinet surface,
Pti : [W] ; quantity of heat dissipated in the cabinet by components,
Pte : [W] ; quantity of heat dissipated or absorbed by cabinet surface,
Pt : [W] ; **Pt = Pti ± Pte** ; total power to dissipate.

Natural dissipation :

Natural dissipation exist when the two exchanging fluids have a temperature difference.
For cabinet, this exchange happens by cabinet surface, when internal temperature is different from the external cabinet temperature is higher than ambient, the heat internally generated will be dissipated outside.
If cabinet temperature will be lower than ambient, the heat internally generated will increase by heat absorbed from outside.
The quantity of heat dissipated or absorbed by cabinet surface, could be calculated by this formula:

Pte = S x ∆t x 5.5 [W] (for sheet steel cabinets)

If **ti > te** and **Pti ≤ Pte** , possible solution with natural dissipation by cabinet surface.

Removal of heat by 'grill and fans' :

When the inner air pushed out by fans, the amount of heat removed from cabinet, could be approximately calculated by this formula:

Pt = ∆t x V x 0.348 [W]

V = [m^3/h], effective air flow crossing the cabinet; the value depends on number of grills, quantity of components in the cabinet and condition of the filters.
If **ti > te**, **IP < 54** and **Pt ≥ Pti - Pte** ; possible solution with grill and fans.

Removal of heat by 'air to air exchanger' :

Air to air exchanger uses same concept like natural dissipation, the effect is similar to an increasing of cabinet surface.
The thermal exchange capacity could be calculated by this formula:

Pt = spf x ∆t [W]

spf = [W/°K], specific thermal coefficent of 'air to air exchanger'
If **ti > te**, **IP ≥ 54** and **Pt ≥ Pti - Pte** ; possible solution with 'air to air exchanger'.

Removal of heat by 'air conditioner' or 'air to water exchanger' :

For the cabinet with the protection IP54 or higher and if **ti ≤ te** , available cooling systems are 'air conditioner' or 'air to water exchanger'. In this case the needed cooling capacity will be **Pt = Pti + Pte.** The cooling power of 'air conditioner' varies according to the room temperature. The declared values are at L35L35 (inside 35°C, outside 35°C) and L35L50 (inside 35°C, outside 50°C) according to DIN 3168 standards. The cooling power of 'air to water exchanger' is independent of the room temperature and their performance graph depends on the water temperature.

	cabinet IP < 54	cabinet IP ≥ 54
ti > te	**Pt = Pti - Pte** * Natural dissipation or ventilation system.	**Pt = Pti - Pte** * Air to air exchanger * Air conditioner * Air to water exchanger
ti = te	-----	**Pt = Pti** * Air conditioner * Air to water exchanger
ti < te	-----	**Pt = Pti + Pte** * Air conditioner * Air to water exchanger

TEKNİK BİLGİLER / TECHNICAL APPENDIX

Kabloların akım taşıma kapasitesi / Power rating of cables

30°C ortam sıcaklığı için / ambient temperature up to 30°C

Kablo Kesiti (mm^2) Nominal Cross-Section	Grup 1 / Group 1		Grup 2 / Group 2		Grup 3 / Group 3	
	Akım Taşıma Kapasitesi (A) Copper Wire	Koruyucu Sigorta (A) Protective Fuse	Akım Taşıma Kapasitesi (A) Copper Wire	Koruyucu Sigorta (A) Protective Fuse	Akım Taşıma Kapasitesi (A) Copper Wire	Koruyucu Sigorta (A) Protective Fuse
0.75	--	--	12	6	15	10
1.00	11	6	15	10	19	16
1.50	15	10	18	16	24	20
2.50	20	16	26	20	32	25
4.00	25	20	34	25	42	32
6.00	33	25	44	32	54	50
10.00	45	32	61	50	73	63
16.00	61	50	82	63	98	80
25.00	83	63	108	80	129	100
35.00	103	80	135	100	158	125
50.00	132	100	168	125	198	160
70.00	165	125	207	160	245	200
95.00	197	160	250	200	292	250
120.00	235	200	292	250	344	315
150.00	--	--	335	250	391	315
185.00	--	--	382	315	448	400
240.00	--	--	453	315	528	400
300.00	--	--	504	400	608	500
400.00	--	--	--	--	726	630
500.00	--	--	--	--	830	630

Grup 1 : Boru içinde bir veya daha fazla tek damarlı PVC izoleli kablolar.

Grup 2 : Havada çok damarlı PVC izoleli kablolar.

Grup 3 : Havada asgari kablo çapı aralığı ile döşenmiş tek damarlı kablolar

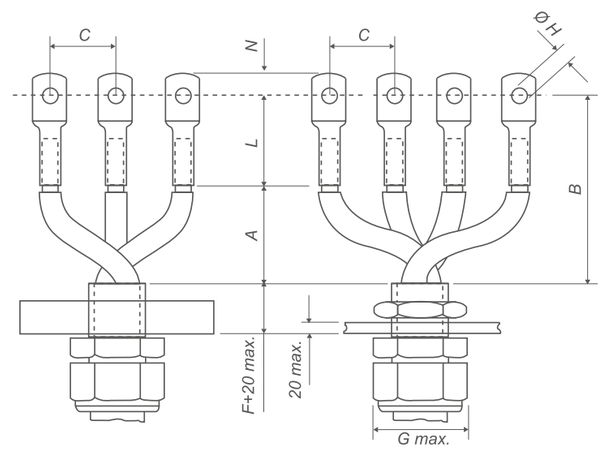
Group 1 : One or more single core cables and insulated wires laid in duct i.e. PVC- sheathed single cores H 03 V../H 05.. and H 07 V.. according to VDE 0281.

Group 2 : Multi core cables, i.e. light PVC- sheathed cables, flexible cables, metal-clad wiring cables in open or ventilated conduits.

Group 3 : Single core cables for outdoor installation, laid in air with a spacing at least equal to cable diameter, such as single core wirings for switch-and distribution cabinets and rail line distributors.

Panolarda önerilen kablo bağlantı mesafeleri / Recommended cable connection distances in the cabinets

Cross-sectional area of cable conductor mm^2	Dimensions (in mm)					
	Minimum			Maximum		Nominal
	A	B	C	F	G	H
10	55	91	W+20	6	55	6.4
16	65	103	W+20	6	55	8.4
25	85	127	W+20	10	70	8.4
35	95	142	W+20	10	70	8.4
50	115	167	W+20	10	70	8.4
70	135	197	W+20	10	97	10.5
95	155	224	W+20	10	97	10.5
120	170	245	W+20	10	108	13
150	190	272	W+20	10	108	13
185	210	297	W+20	10	108	13
240	235	333	W+20	10	137	13
300	270	375	W+20	10	137	13



PG Rakor ölçüleri / PG cable gland sizes

PG Rakor PG Size	Kablo çapı Ø min-maks (mm) For cable Ø min-max (mm)	Delinmesi gereken delik çapı Ø (mm) Hole diameter to be punched Ø (mm)
7	3 - 6.5	12.5
9	4 - 8	15.5
11	5 - 10	18.5
13.5	6 - 12	20.5
16	10 - 14	22.5
21	13 - 18	28.5
29	18 - 25	37.5
36	22 - 32	47
42	32 - 38	55
48	37 - 44	60

Metrik Rakor Ölçüleri / Metric cable gland sizes

Metrik Rakor Metric Size	Kablo çapı Ø min-maks (mm) For cable Ø min-max (mm)	Delinmesi gereken delik çapı Ø (mm) Hole diameter to be punched Ø (mm)
12	12.6	3- 6.5
16	16.6	4- 8
20	20.6	6-12
25	25.6	13-18
32	32.6	18-25
40	40.6	22-32
50	50.6	30-38
50	50.6	30-38
63	63.6	34-44

TEKNİK BİLGİLER / TECHNICAL APPENDIX

Birim dönüşüm tabloları / Coversion tables

Uzunluk/Length	cm	m	km	in	ft	yd
cm	1	0.01	$1x10^{-5}$	0.3937	0.03281	0.01094
m	100	1	0.001	39.37	3.281	1.0936
km	$1x10^{5}$	1000	1	$3.937x10^{4}$	3280.8	1093.6
in (inch)	2.540	0.0254	$2.54x10^{-5}$	1	0.08333	0.0277
ft (foot)	30.48	0.3048	$3.05x10^{-4}$	12	1	0.3333
yd (yard)	91.44	0.9144	$9.14x10^{-4}$	36	3	1

Alan/Area	cm^2	m^2	km^2	in^2	ft^2	yd^2
cm^2	1	0.0001	$1x10^{-10}$	0.155	0.00108	$1.196x10^{-4}$
m^2	$1x10^{4}$	1	$1x10^{-6}$	1550	10.763	1.196
km^2	$1x10^{10}$	$1x10^{6}$	1	$1.55x10^{9}$	$1.08x10^{7}$	$1.196x10^{6}$
in^2	6.452	$6.45x10^{-4}$	$6.45x10^{-10}$	1	0.00694	$7.716x10^{-4}$
ft^2	929.03	0.0929	$9.29x10^{-8}$	144	1	0.1111
yd^2	8361.27	0.8361	$8.36x10^{-7}$	1296	9	1

Hacim/Volume	cm^3	dm^3 (lt)	m^3	in^3	ft^3	yd^3
cm^3	1	0.001	$1x10^{-6}$	0.06102	$3.531x10^{-5}$	$1.308x10^{-6}$
dm^3 (lt)	1000	1	0.001	61.023	0.03532	0.0013
m^3	$1x10^{6}$	1000	1	61023.7	35.3146	1.3079
in^3	16.387	0.01639	$1.638x10^{-5}$	1	$5.787x10^{-4}$	$2.143x10^{-5}$
ft^3	$2.831x10^{4}$	28.317	0.0283	1728	1	0.037
yd^3	$7.646x10^{5}$	764.55	0.7646	46656	27	1

Ağırlık/Weight	gr	kg	oz	ıb
gr	1	0.001	0.03527	0.0022
kg	1000	1	35.27	2.2046
oz (ounce)	28.35	0.02835	1	0.0625
ıb (pound)	453.6	0.4536	16	1

Basınç/Pressure	mm Hg	bar	psi	kg/cm^2	kPa
mm Hg	1	0.00133	0.0193	0.00136	0.133
bar	750	1	14.504	1.02	100
psi	51.715	0.068947	1	0.0703	6.895
kg/cm^2	735.56	0.981	14.223	1	98.067
kPa	7.5	0.01	0.145	0.0102	1

Enerji/Energy	cal	joule	BTU	Hph	kWh
cal	1	4.187	0.00397	$1.56x10^{-6}$	$1.16x10^{-6}$
joule	0.2388	1	$9.48x10^{-4}$	$3.73x10^{-7}$	$2.78x10^{-7}$
BTU	252	1055	1	$3.93x10^{-4}$	$2.93x10^{-4}$
Hph	$6.41x10^{5}$	$2.68x10^{6}$	2544.4	1	0.7457
kWh	$8.60x10^{5}$	$3.60x10^{6}$	3412.1	1.341	1

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