



US Catalog | March 2017

Wall-mount enclosures for automation

Wall-mount enclosures for automation

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SR2 Enclosures

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SR2 Enclosures

General characteristics

1

The range of SR2 enclosures is a complete offer of monobloc enclosures for constructing small and medium-sized automation, switching and control panels.

The SR2 enclosures come from the experience ABB has gained over the years in building IP65 metal structures (in accordance with the IEC 60529 Standard), together with the innovative new production process used for construction and patented by ABB. The typical use of SR2 Enclosures includes switchgear and control panels for a very wide variety of industrial machines: from large machinery with automated production lines to the typical installations of on-board control enclosures, boilers, heating plants and so on.

The SR2 enclosures have passed tests required to obtain UL (Underwriters Laboratories) and CSA (Canadian Standards Association) for NEMA 12. They also conform to the EN 62208 Standard "Empty enclosures for low voltage protection switchgear and controlgear assemblies" and allow the manufacture of electrical equipment conforming to the requirements of the IEC 60204-1 Standard "Safety of machinery. Electrical equipment

of machines" and of the EN 60439-1 Standard and the new EN 61439-1-2 Standard "Low voltage protection switchgear and controlgear for assemblies". The degree of protection, in accordance with the IEC 60529 Standard "Degrees of protection of enclosures (IP Code)", is IP65.

The SR2 enclosures also allow secondary distribution switchboards to be made allowing the installation of the whole range of DIN rail components and modular circuit-breakers combined with special pre-drilled and hinged modular front panels. This allows construction of AS/ANS type electrical switchgear conforming to the IEC 60439-1 Standard and the new EN 61439-1-2 Standard. A single line of enclosures allows construction of automation control panels and secondary and end distribution electrical switchboards thanks to the variety of accessories (modular panels, DIN rails) and to the ability of stacking the enclosures.



SR2 Enclosures

General characteristics

1

The SR2 enclosures are available in two versions (solid door or glass door) and in 23 different sizes, as well as 19 combinations obtained by stacking the enclosures, up to a maximum height of 2000 mm (78.74"), offering an ample selection possibilities for various end applications.

The SR2 enclosures have been designed to fulfill all the typical needs of the builder or installer of control panels with the user offered a unique ensemble of functional characteristics:

- Wide range of sizes
- NEMA 1, 12 and certified IP65 degree of protection
- Internal galvanized back plate with 0.079" (20/10 mm) thickness (to allow threaded holes to be made easily), mounting depth adjustable by using special offsets
- Fairlead plates screwed on (at top and bottom) made of 0.059" (15/10 mm) thick, painted galvanized sheet, with a sealing gasket applied inside
- Complete reversibility of the enclosure, so the door can open either on the right or the left-hand side
- Mounting of modular circuit breakers on a DIN rail combined with a hinged modular panel.

Both the enclosures with solid and glass doors can be stacked. Stacking is done simply by removing the fairlead plates and inserting an optional IP65 sealing gasket, made of closed-cell neoprene. Assembly of the stacked enclosures is carried out by means of the same holes used for the fairlead plates.



SR2 Enclosures

General characteristics

1

The SR2 offers a complete series of accessories: brackets for wall assembly, rain shield top cover, various types of locks, internal document pocket, and spacers and offsets. The SR2 can also be floor mounted with available plinth mounting.



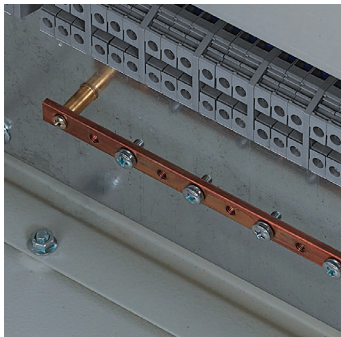
Plastic document pocket, RAL 7035, size A4, the pocket is applied on the solid doors wider than 15.75" (400 mm), with adhesive stickers provided.



Various locking methods are available that can replace the standard method of the external doors. The locks are interchangeable and easily replaced by loosening a screw.





The brackets for wall mounting allows installation of the enclosures on walls using the holes located on the back of the enclosure.



The grounding bus bars, made of electrolytic copper with M6 threaded holes in 0.98" (25 mm) increments, can be mounted on mounting plates using the appropriate supports.

Technical characteristics

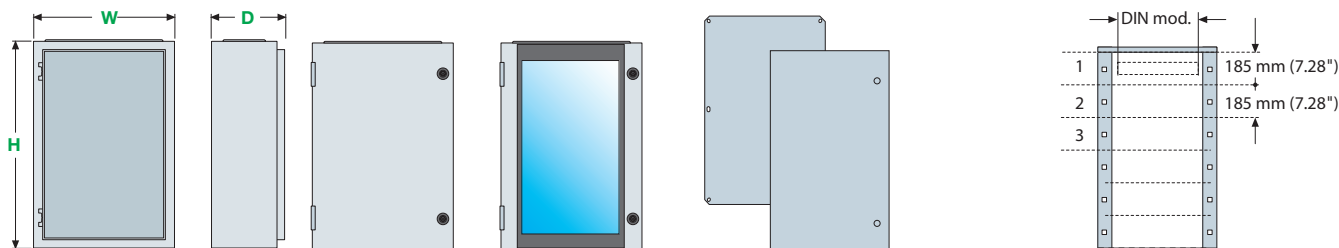
Conformity with Standard	IEC 62208, IEC 61439-1-2	
Degree of protection	IP65 (IEC 60529) NEMA 1, 12 (UL standard 508A/50E)	
Degree of mechanical strength	IK10 solid door IK09 glass door (IEC 62262)	
Certifications	 	
Type of material	Steel	
Installation site	Indoors	
Mounting method	floor/wall	
Normal service conditions - ambient temperature	23°F to 104°F (-5°C to 40°C)	
Operating climate (t°/Ur%)	constant	23°F/83% to 104°F/93% (-5°C/83% to 40°C/93%)
	variable	23°F/98% to 104°F/98% (-5°C/98% to 40°C/98%)

SR2 Enclosures

Selection table

1

Rapid selection table



Rapid selection table

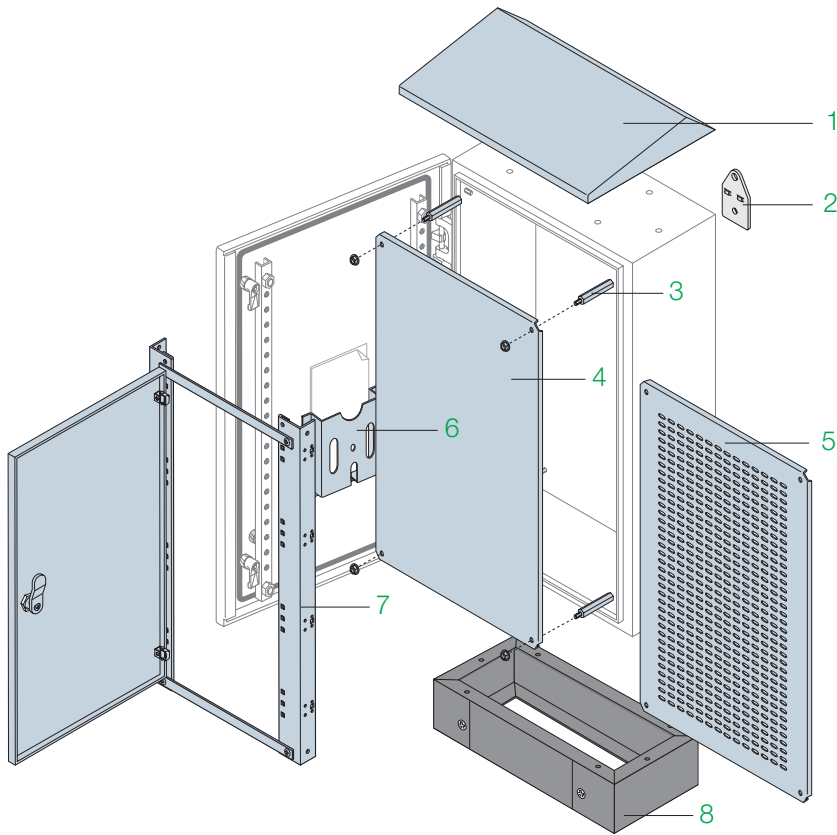
Overall dimensions						Enclosures		Kit for automation		Kit for distribution Supports for mounting modular panels			
H mm	W mm	D mm	H Inches	W Inches	D Inches	with blind door + back plate catalog number	with glass door ¹ without back plate catalog number	Blind counterdoor catalog number	Back plate catalog number	No. vertical mod. H=185mm	No. DIN mod. per row	Total modules	DIN supports catalog number
300	200	150	11.81	7.87	5.91	SRN3215K							
	300			11.81		SRN3315K							
	400			15.75		SRN3415K							
400	300	200	15.75	11.81	7.87	SRN4315K							
	300			11.81		SRN4320K							
	400			15.75		SRN4420K							
	600			23.62		SRN4620K							
500	300	250	19.69	11.81	7.87	SRN5320K							
	400			15.75		SRN5420K	SRN5420VK1	KC5040K	PF5040	2	14	28	KD5040K
	400			15.75		SRN5425K	SRN5425VK1	KC5040K	PF5040	2	14	28	KD5040K
600	400	250	23.62	15.75	9.84	SRN6420K	SRN6420VK1	KC6040K	PF6040	3	14	42	KD6040K
	400			15.75		SRN6425K	SRN6425VK1	KC6040K	PF6040	3	14	42	KD6040K
	600			23.62		SRN6625K							
700	500	250	27.56	19.69	9.84	SRN7520K	SRN7520VK1	KC7050K	PF7050				
	500			19.69		SRN7525K	SRN7525VK1	KC7050K	PF7050				
800	600	300	31.50	23.62	11.81	SRN8625K	SRN8625VK1	KC8060K	PF8060	4	25	100	KD8060K
	600			23.62		SRN8630K	SRN8630VK1	KC8060K	PF8060	4	25	100	KD8060K
	800			31.50		SRN8830K							
1000	600	300	39.37	23.62	11.81	SRN10625K	SRN10625VK1	KC1060K	PF1060	5	25	125	KD1060K
	600			23.62		SRN10630K	SRN10630VK1	KC1060K	PF1060	5	25	125	KD1060K
	800			31.50		SRN10830K	SRN10830VK1	KC1080K	PF1080	5	36	180	KD1080K
1200	600	300	47.24	23.62	11.81	SRN12630K	SRN12630VK1	KC1260K	PF1260	6	25	150	KD1260K
	800			31.50		SRN12830K	SRN12830VK1	KC1280K	PF1280	6	36	216	KD1280K

¹ The back plate must be ordered separately.

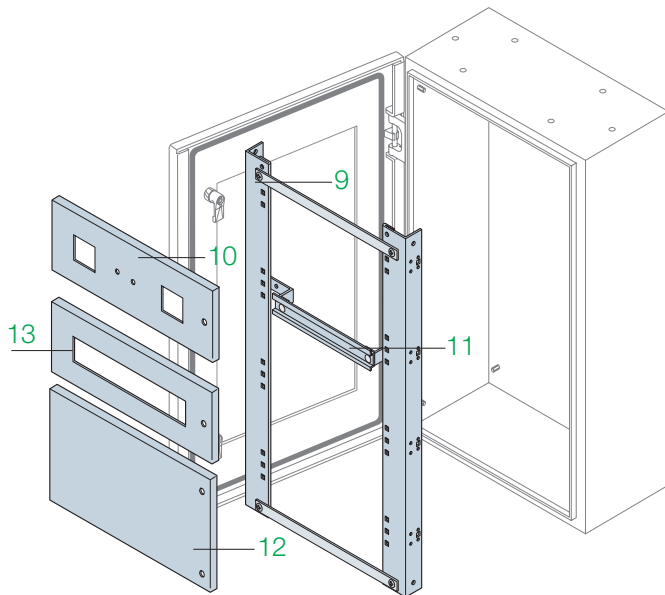
SR2 Enclosures

Ordering information

1

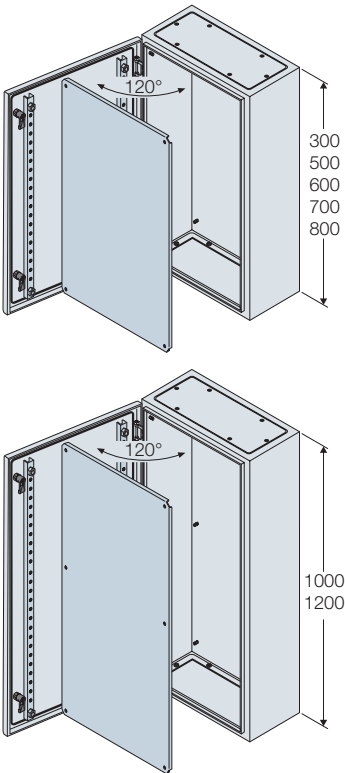


- 1 Spray protection roof
- 2 Wall-mounting brackets
- 3 Spacers for back plates
- 4 Blind internal plate
- 5 Slotted internal plate
- 6 Document pocket
- 7 Counterdoor
- 8 Plinth
- 9 Frame for DIN rail
- 10 Modular panels for apparatus
- 11 DIN rail
- 12 Blind modular panels
- 13 Modular panel for DIN rail



SR2 Enclosures

Ordering information



SR2 Enclosures with solid door (back plate included)

Enclosures with a solid door, typically for making automation control panels, are already fitted with an internal galvanized back plate.

Enclosures with solid door (back plate included)

Overall dimensions						
H mm	W mm	D mm	H Inches	W Inches	D Inches	Catalog number
300 ¹	200	150	11.81	7.87	5.91	SRN3215K
	300			11.81		SRN3315K
	400			15.75		SRN3415K
400 ¹	300	150	15.75	11.81	5.91	SRN4315K
	300	200		11.81	7.87	SRN4320K
	400			15.75		SRN4420K
	600			23.62		SRN4620K
500 ¹	300	200	19.69	11.81	7.87	SRN5320K
	400	15.75		SRN5420K		
	400	250		15.75	9.84	SRN5425K
600	400	200	23.62	15.75	7.87	SRN6420K
	400	250		15.75	9.84	SRN6425K
	600	23.62		9.84	SRN6625K	
700	500	200	27.56	19.69	7.87	SRN7520K
	500	250		19.69	9.84	SRN7525K
800	600	250	31.50	23.62	9.84	SRN8625K
	600	300		23.62	11.81	SRN8630K
	800			31.50		SRN8830K
1000 ²	600	250	39.37	23.62	9.84	SRN10625K
	600	300		23.62	11.81	SRN10630K
	800	31.50		11.81	SRN10830K	
1200 ²	600	300	47.24	23.62	11.81	SRN12630K
	800			31.50		SRN12830K

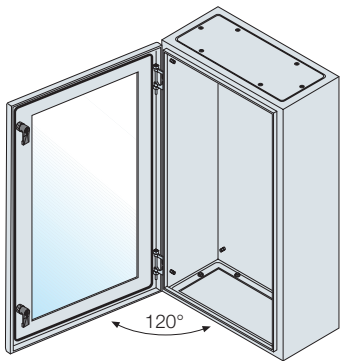
¹ Enclosures with a height of 19.69" (500 mm) or below come with a single lock.

² Back plates for these sizes have six mounting points.

SR2 Enclosures

Ordering information

1



Enclosures with tempered glass door

The enclosures with tempered glass doors are also used for distribution configurations. These units do not come with back plates. The internal equipment is made, alternatively, by selecting kits:

- Kit for Distribution (KD) – consisting of a pair of functional uprights for assembly of the modular panels (to be ordered separately) and of any compensation panels (see page 1/15).

The modular panels, which can also be installed on enclosures with a solid door, are all hinged and have vertical modularity of 7.28" (185 mm).

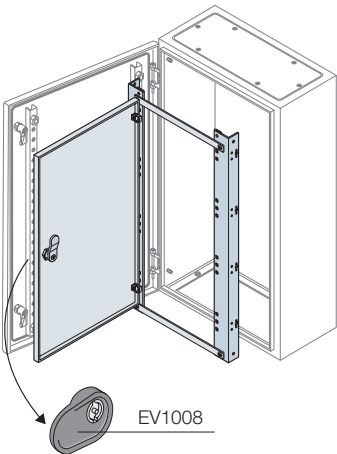
Enclosures with tempered glass door

Overall dimensions						Catalog number
H mm	W mm	D mm	H Inches	W Inches	D Inches	
500 ¹	400	200	19.69	15.75	7.87	SRN5420VK
	400	250		15.75	9.84	SRN5425VK
600	400	200	23.62	15.75	7.87	SRN6420VK
	400	250		15.75	9.84	SRN6425VK
700	500	200	27.56	19.69	7.87	SRN7520VK
	500	250		19.69	9.84	SRN7525VK
800	600	250	31.50	23.62	9.84	SRN8625VK
	600	300		23.62	11.81	SRN8630VK
1000	600	250	39.37	23.62	9.84	SRN10625VK
	600	300		23.62	11.81	SRN10630VK
	800	300		31.50	11.81	SRN10830VK
1200	600	300	47.24	23.62	11.81	SRN12630VK
	800	300		31.50	11.81	SRN12830VK

¹ Enclosures with a height of 19.69" (500 mm) or below come with a single lock.

SR2 Enclosures

Ordering information

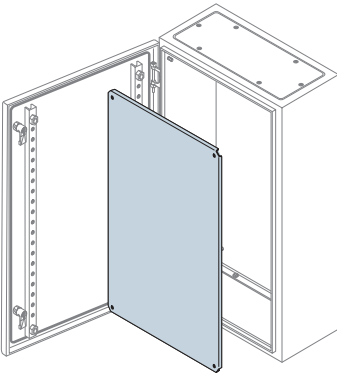


Blind counterdoor

The internal counterdoor offers IP20 degree of protection. Made of steel sheet 0.059" (15/10 mm) thick, galvanized and painted orange peel RAL 7035 color, complete with the EV1008 locking insert with double tongue.

Solid counterdoor

Dimensions				
H mm	W mm	H Inches	W Inches	Catalog number
500	400	19.69	15.75	KC5040K
600	400	23.62	15.75	KC6040K
700	500	27.56	19.69	KC7050K
800	600	31.50	23.62	KC8060K
1000	600	39.37	23.62	KC1060K
1000	800	39.37	31.50	KC1080K
1200	600	47.24	23.62	KC1260K
1200	800	47.24	31.50	KC1280K



Solid internal back plate

Galvanized back plate, 0.079" (20/10 mm) thick, complete with mounting nuts and washers. Adjustments to the depth of the back plate is possible with the help of a special spacer kit (to be ordered separately).

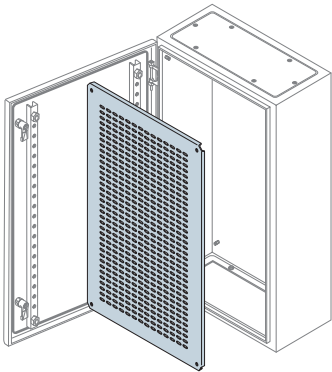
Solid back plate for enclosure

Dimensions				
H mm	W mm	H Inches	W Inches	Catalog number
300	200	11.81	7.87	PF3020
300	300	11.81	11.81	PF3030
300	400	11.81	15.75	PF3040
400	300	15.75	11.81	PF4030
400	400	15.75	15.75	PF4040
400	600	15.75	23.62	PF4060
500	300	19.69	11.81	PF5030
500	400	19.69	15.75	PF5040
600	400	23.62	15.75	PF6040
600	600	23.62	23.62	PF6060
700	500	27.56	19.69	PF7050
800	600	31.50	23.62	PF8060
800	800	31.50	31.50	PF8080
1000	600	39.37	23.62	PF1060
1000	800	39.37	31.50	PF1080
1200	600	47.24	23.62	PF1260
1200	800	47.24	31.50	PF1280

SR2 Enclosures

Ordering information

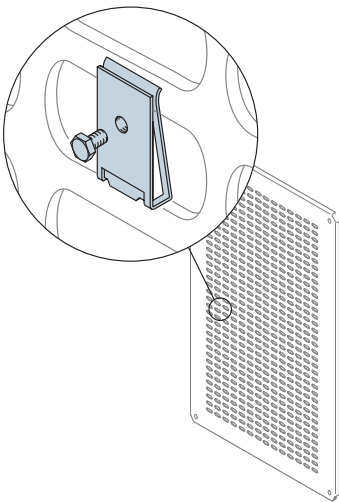
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Slotted internal back plate

Galvanized back plate with slots, complete with mounting nuts and washers. Adjustments to the depth of the back plate is possible with the help of a special spacer kit (to be ordered separately).

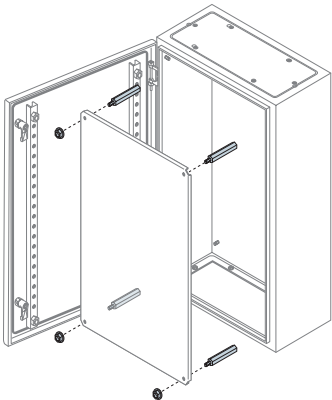
Back plate for enclosure				
Dimensions				
W mm	H mm	W Inches	H Inches	Catalog number
200	300	7.87	11.81	TQ3020
300	300	11.81	11.81	TQ3030
400	300	15.75	11.81	TQ3040
300	400	11.81	15.75	TQ4030
400	400	15.75	15.75	TQ4040
600	400	23.62	15.75	TQ4060
300	500	11.81	19.69	TQ5030
400	500	15.75	19.69	TQ5040
400	600	15.75	23.62	TQ6040
600	600	23.62	23.62	TQ6060
500	700	19.69	27.56	TQ7050
600	800	23.62	31.50	TQ8060
800	800	31.50	31.50	TQ8080
600	1000	23.62	39.37	TQ1060
800	1000	31.50	39.37	TQ1080
600	1200	23.62	47.24	TQ1260
800	1200	31.50	47.24	TQ1280



Clip nuts

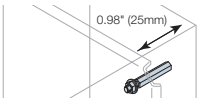
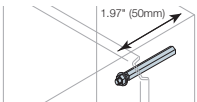
For slotted back plates with M6x0.39"(10 mm) hexagonal head screws.

Description	Package/No. of pieces	Catalog number
Clip nuts	1/20	TQ6610



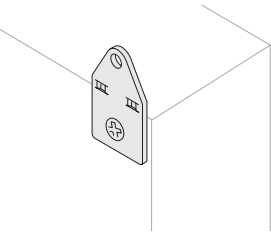
Spacer Kit for adjusting the depth of the back plates

Kit consisting of 12 spacers for mounting the back plate with the depth adjustment in increments of 0.98"(25 mm).

Description	Package/No. of pieces	Catalog number
Spacers 0.98" (25 mm) long	1/12	AA8025
		
Spacers 1.97" (50 mm) long	1/12	AA8050
		

SR2 Enclosures

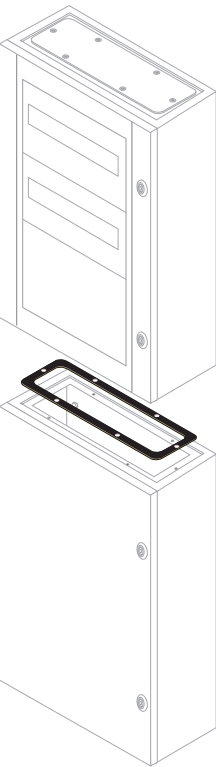
Ordering information



Brackets for wall mounting

These allow wall installation of the enclosures and are mounted by using the special holes positioned on the rear of the enclosures.

Description	Package/No. of pieces	Catalog number
Brackets for wall mounting	1/4	AA1206



Accessories for stacking

Dimensions				Catalog number
W mm	D mm	W Inches	D Inches	
IP65 gasket included				
400	200	15.75	7.87	GZ4020
	250		9.84	GZ4025
600	200	23.62	7.87	GZ6020
	250		9.84	GZ6025
	300		11.81	GZ6030
800	300	31.50	11.81	GZ8030



Plinth

Steel plinth 0.098" (25/10 mm) thick gray RAL7012 color.

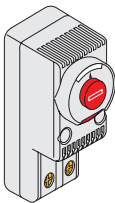
Plinth

Dimension						Catalog number
W mm	D mm	H mm	W Inches	D Inches	H Inches	
400	200	100	15.75	7.87	3.94	ZA4020
	250	100		9.84	3.94	ZA4025
600	250	100	23.62	9.84	3.94	ZA6025
	300	100		11.81	3.94	ZA6030
800	300	100	31.50	11.81	3.94	ZA8030
	300	100		11.81	3.94	ZA8030

SR2 Enclosures

Ordering information



1



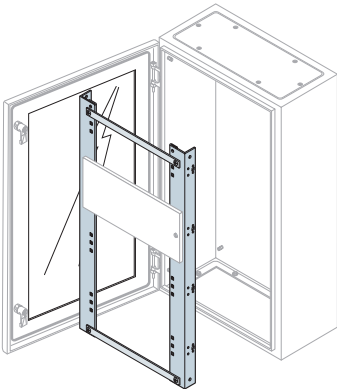
Temperature management

Thermostat

Conforms to cURus, CE and EN 60730-1 standards with IP20 degree of protection. Gray RAL 7035 color with an electrical life 100,000 cycles. Dimensions: HxWxD 2.68"x1.14"x1.77" (68x29x45mm), can be mounted on DIN rail. The version with N.O. (normally open) contact allows closure of a circuit activating ventilation, air conditioning, or alarms. The version with N.C. (normally closed) contact allows opening of a circuit, disconnecting any anti-condensation or heating devices.

Description	Standard power supply V~/50-60Hz		Catalog number
NO ventilation thermostat	12-60 V DC; 110-250 V AC		EN0101K
NC heating thermostat	12-60 V DC; 110-250 V AC		EN0102K

Standard power supply V~/50-60Hz	Contact capacity		Temperature range	Type of contact	Weight	Catalog number
	Resistive load	Inductive load				
12-60 V DC; 110-250 V AC	10 A	2 A	14 °F to +176 °F (-10 °C to +80 °C)	NO	2.47 Oz (70g)	EN0101K
12-60 V DC; 110-250 V AC	10 A	2 A	14 °F to +176 °F (-10 °C to +80 °C)	NC	2.47 Oz (70g)	EN0102K



Frame for DIN rail

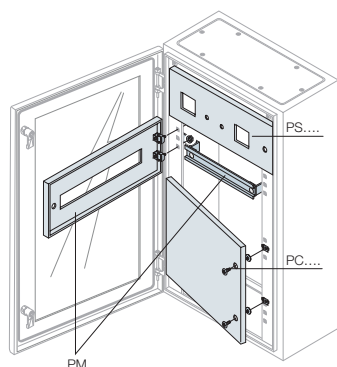
Internal supports for mounting modular DIN panels and DIN rails, RAL 7035 color with orange peel finish.

Description	Dimensions				Catalog number
	H mm	W mm	H Inches	W Inches	
Supports 14 mod. DIN x 2 rows	500	400	19.69	15.75	KD5040K
Supports 14 mod. DIN x 3 rows	600	400	23.62	15.75	KD6040K
Supports 25 mod. DIN x 4 rows	800	600	31.50	23.62	KD8060K
Supports 25 mod. DIN x 5 rows	1000	600	39.37	23.62	KD1060K
Supports 36 mod. DIN x 5 rows	1000	800	39.37	31.50	KD1080K
Supports 25 mod. DIN x 6 rows	1200	600	47.24	23.62	KD1260K
Supports 36 mod. DIN x 6 rows	1200	800	47.24	31.50	KD1280K

SR2 Enclosures

Ordering information

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Modular panels

Modular panels are made of 0.047" (12/10 mm) thick sheet steel and painted RAL 7035 color with orange peel finish. The modular hinged panels can be mounted on the enclosures by using the special Kit for Distribution (KD...) consisting of functional uprights and cross members. The special hinges (patented by ABB) provide automatic grounding for each panel when it is closed and are also prepared for conventional grounding (with a cable). Each modular panel (PM...) has a DIN rail provided (adjustable in depth) and mounting brackets. Modular circuit-breakers and Tmax molded-case circuit-breakers up to T3 can be placed side by side on the same DIN rail using the special depth adapter AP6001. To install molded-case circuit-breakers, it is necessary to fix the DIN rail in a position towards the back. The mounting brackets of the DIN rail allow the wiring duct to be mounted up to a maximum size of 2.23" x 2.23" (60 x 60 mm).

Modular hinged panels for modular apparatus (DIN rail and mounting brackets included)

Description	Dimensions				Catalog number
	H mm	W mm	H Inches	W Inches	
14 mod. DIN + mounting bracket	185	400	7.28	15.75	PM1414K
25 mod. DIN + mounting bracket	185	600	7.28	23.62	PM1625K
36 mod. DIN + mounting bracket	185	800	7.28	31.50	PM1836K

Modular hinged panels for measuring instruments

Description	Dimensions				Catalog number
	H mm	W mm	H Inches	W Inches	
2 instruments 2.83" x 2.83" (72 x 72 mm)	185	400	7.28	15.75	PS2476K
2 instruments 2.83" x 2.83" (72 x 72 mm)	185	600	7.28	23.62	PS2676K
2 instruments 2.83" x 2.83" (72 x 72 mm)	185	800	7.28	31.50	PS2876K

Modular hinged solid panels

Description	Dimensions				Catalog number
	H mm	W mm	H Inches	W Inches	
Solid panel	185	400	7.28	15.75	PC1406K
Solid panel	185	600	7.28	23.62	PC1606K
Solid panel	185	800	7.28	31.50	PC1806K
Solid panel	370	600	14.57	23.62	PC2606K
Solid panel	370	800	14.57	31.50	PC2806K

DIN rail and mounting brackets

Description	No. of modules	W	Catalog number
DIN rail and mounting brackets	14	15.75" (400 mm)	GD4006
DIN rail and mounting brackets	25	23.62" (600 mm)	GD6006
DIN rail and mounting brackets	36	31.50" (800 mm)	GD8006

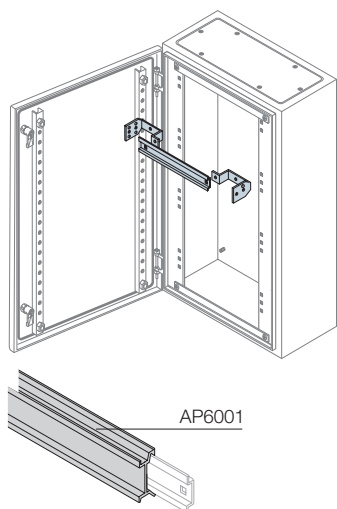
Depth adapter

Depth adapter for Tmax T1-T2-T3-XT1-XT3 W=23.62" (600 mm)	AP6001
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Polished flange for DIN-Rail mounting

Description	Catalog number
Polished flange for XT1 3P mounted on DIN rail	AD3301
Polished flange for XT1 4P mounted on DIN rail	AD3302
Polished flange for XT3 3P mounted on DIN rail	AD3303
Polished flange for XT3 4P mounted on DIN rail	AD3304

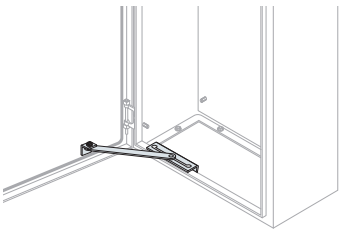
Already supplied in the DIN-Rail mounting kit for breakers in MCCBs catalog.



SR2 Enclosures

Ordering information

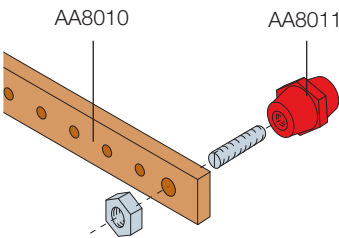
1



Door anti-closure device

Cannot be mounted with the use of an inner-door or with modular/blind panels mounted in the lower KD structure and hinged.

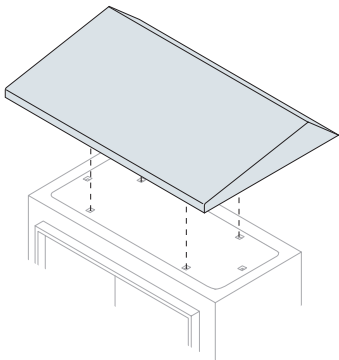
Description	Package/No. of pieces	Catalog number
Door anti-closure device	1/4	EV0015



Neutral or ground busbars

The busbars, made of electrolytic copper with M6 threaded holes with 0.98" (25 mm) pitch, can be mounted on the back plates by means of the special busbar supports. They must be sized according to the enclosure and the position they are installed in.

Description	W	Package/No. of pieces	Catalog number
Busbars sect. 0.79"x0.20" (20x5 mm)	39.37" (1000 mm)	1/4	AA8010
Support for busbar		1/5	AA8011



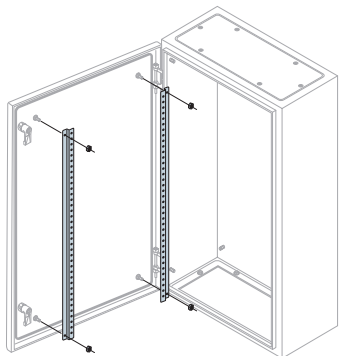
Spray protection roofs

To improve protection against entry of liquids and rain. Made of 0.059" (15/10 mm) thick sheet steel, painted RAL 7035 color orange peel finish.

Spray protection roof

Dimensions

W mm	D mm	H Inches	W Inches	Catalog number
200	150	7.87	5.91	TT2015K
300	150	11.81	5.91	TT3015K
400	150	15.75	5.91	TT4015K
300	200	11.81	7.87	TT3020K
400	200	15.75	7.87	TT4020K
500	200	19.69	7.87	TT5020K
600	200	23.62	7.87	TT6020K
400	250	15.75	9.84	TT4025K
500	250	19.69	9.84	TT5025K
600	250	23.62	9.84	TT6025K
600	300	23.62	11.81	TT6030K
800	300	31.50	11.81	TT8030K



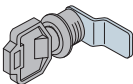
Door rails

These rails allow mounting of accessories (e.g. wiring ducts) inside the solid doors. They consist of a pair of vertical rails made of 0.059" (15/10 mm) thick white galvanized steel, pre-drilled with 0.98" (25 mm) pitch. These rails are already included in enclosures with 39.37" and 47.24" (1000 and 1200 mm) high solid doors.

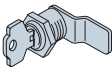
Description	Dimensions H	Package/No. of pieces	Catalog number
Rails for door	23.62" (600 mm)	1/2	TS6009
Rails for door	27.56" (700 mm)	1/2	TS7009
Rails for door	31.50" (800 mm)	1/2	TS8009

SR2 Enclosures

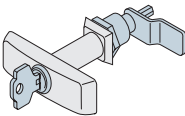
Ordering information



AA8001



AA8002



AA8003

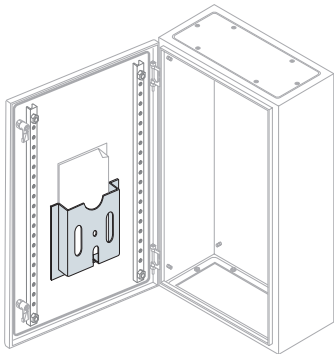


EV1008

Locking systems

These can replace the standard locks of the external doors. The inserts are interchangeable and easily replaced by the loosening of a single screw.

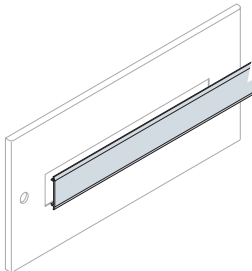
Description	Catalog number
Box Ø 0.75" (19 mm) double tongue and plastic key (spare part)	AA8001
Box Ø 0.75" (19 mm) cylinder lock with key	AA8002
Box Ø 0.75" (19 mm) with handle and cylinder lock with key	AA8003
Box Ø 0.75" (19 mm) with triangular insert	AA5200
Plastic key for triangular insert AA5200	AA5190
Ergonomic box complete with double tongue insert	EV1008
Single code cylinder lock	EV1036
Ronis 455 insert	EV1037
0.12" (3 mm) Double tongue insert	EV1039



Document pocket

The pocket can be attached inside the blind door with a width of more than 400 mm, using the adhesive strips provided. Made of plastic, RAL 7035 color, A4 size.

Description	Catalog number
Plastic document pocket for A4	EV1075K



Accessories for DIN panel

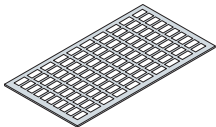
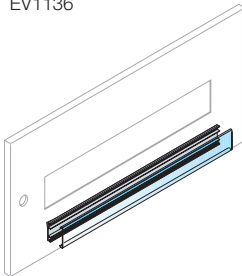
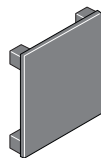
Hole covering strip RAL7035 color

Description	Package/No. of pieces	Catalog number
Hole covers W=78.74" (2000 mm), gray	1/10	AD1086
Hole covers 24 DIN modules W=23.62" (600 mm)	1/3	AD1088
Hole covers 36 DIN modules W=31.50" (800 mm)	1/3	AD1089

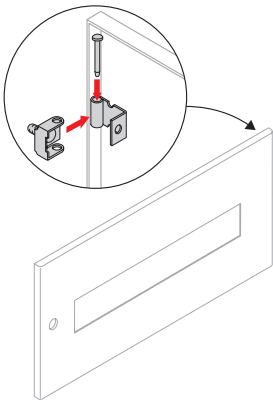
SR2 Enclosures

Ordering information

1



EH2118-EH2129
AD1600-AD1800



Plugs for instrument holder panels

Description	Package/No. of pieces	Catalog number
Plug for instrument holder panels 2.83" x 2.83" (72x72 mm)	1/10	EV1135
Plug for instrument holder panels 3.78" x 3.78" (96x96 mm)	1/5	EV1136
Plug for 0.87" (22 mm) diameter holes.	1/50	EV1137

Adhesive name label holders

Description	Dimensions W	Package/No. of pieces	Catalog number
Label holders 18 DIN mod.	12.80" (325 mm)	1/20	EH2118
Label holders 29 DIN mod.	20.67" (525 mm)	1/20	EH2129
Label holders 24 DIN mod.	17.01" (432 mm)	1/20	AD1600
Label holders 36 DIN mod.	24.96" (634 mm)	1/20	AD1800

Labels (Grafoplast compatible)

Description	No. of DIN mod.	Package/No. of pieces	Catalog number
Labels 1 DIN mod.	1	1/288	AD1101
Labels 2 DIN mod.	2	1/192	AD1102
Labels 3 DIN mod.	3	1/96	AD1103
Labels 4 DIN mod.	4	1/96	AD1104

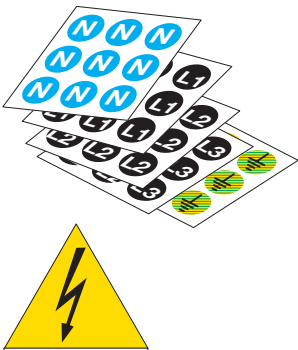
Hinges and rapid closures for panels

Description	Package/No. of pieces	Catalog number
Hinges for panels	1/10	EH1889 ¹
Rapid closures for front panels	1/5	EH1890

¹ Use 2 hinges for panels with H=5.91"/7.87"/11.81"/15.75" (150/200/300/400 mm), 3 hinges for panels with H= 19.69"/23.62" (500/600 mm).

SR2 Enclosures

Ordering information

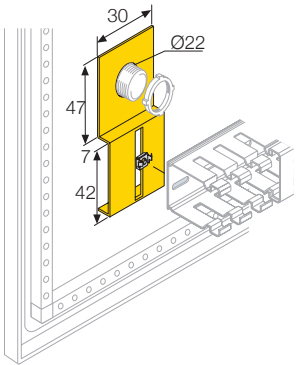


Marketing

Description	Package/No. of pieces	Catalog number
Adhesive labels ABB-IS2 W=39.37" (1000 mm)	1/5	EV1157
Adhesive labels Ø 0.47" (12 mm) N symbol	1/490	EV1150
Adhesive labels Ø 0.47" (12 mm) L1 symbol	1/490	EV1151
Adhesive labels Ø 0.47" (12 mm) L2 symbol	1/490	EV1152
Adhesive labels Ø 0.47" (12 mm) L3 symbol	1/490	EV1153
Adhesive labels Ø 0.47" (12 mm) T symbol	1/490	EV1154
Triangular adhesive labels 1.97" (50 mm) with lightning arrow symbol	1/100	EV1156

Screws for apparatus

Description	Package/No. of pieces	Catalog number
Perforating screws 0.17"x0.51" (4.2x13 mm) cross slotted head	1/1000	EV1100
Perforating screws 0.17"x0.75" (4.2x19 mm) cross slotted head	1/1000	EV1101
Trilobed screws M6 L=0.39" (10 mm)	1/50	AD1033



Wiring duct support brackets

Description	Package/No. of pieces	Catalog number
Wiring duct support brackets on upright structure	1/100	EV1131

SR2 Enclosures

Ordering information

1

Spare parts

Description	Package/No. of pieces	Catalog number
Ergonomic box complete with double tongue insert (without tongue)	1/1	EV1008
Hinges for SR2 enclosures + countersunk rivets	1/1	AA1204
Screws and nuts M6x14 for flange	1/2	AA1203
Fairlead plates for SRN3215K	1/2	FLN3215K
Fairlead plates for SRN3315K-SRN4315K	1/2	FLN3315K
Fairlead plates for SRN3415K	1/2	FLN3415K
Fairlead plates for SRN4320K-SRN5320K	1/2	FLN4320K
Fairlead plates for SRN4420K-SRN5420K-SRN6420K	1/2	FLN4420K
Fairlead plates for SRN5425K-SRN6425K	1/2	FLN4425K
Fairlead plates for SRN4620K	1/2	FLN4620K
Fairlead plates for SRN6625K-SRN8625K-SRN10625K	1/2	FLN6625K
Fairlead plates for SRN7520K	1/2	FLN7520K
Fairlead plates for SRN7525K	1/2	FLN7525K
Fairlead plates for SRN8630K-SRN10630K-SRN12630K	1/2	FLN8630K
Fairlead plates for SRN8830K-SRN10830-SRN12830K	1/2	FLN8830K
Blind door 39.37" x 23.62" (1000 x 600 mm) (HxW)	1/1	PRN1066K
Blind door 39.37" x 31.50" (1000 x 800 mm) (HxW)	1/1	PRN1086K
Blind door 47.24" x 23.62" (1200 x 600 mm) (HxW)	1/1	PRN1266K
Blind door 47.24" x 31.50" (1200 x 800 mm) (HxW)	1/1	PRN1286K
Blind door 11.81" x 7.87" (300 x 200 mm) (HxW)	1/1	PRN3026K
Blind door 11.81" x 11.81" (300 x 300 mm) (HxW)	1/1	PRN3006K
Blind door 11.81" x 15.75" (300 x 400 mm) (HxW)	1/1	PRN3046K
Blind door 15.75" x 11.81" (400 x 300 mm) (HxW)	1/1	PRN4036K
Blind door 15.75" x 15.75" (400 x 400 mm) (HxW)	1/1	PRN4046K
Blind door 15.75" x 23.62" (400 x 600 mm) (HxW)	1/1	PRN4066K
Blind door 19.69" x 11.81" (500 x 300 mm) (HxW)	1/1	PRN5036K
Blind door 19.69" x 15.75" (500 x 400 mm) (HxW)	1/1	PRN5046K
Blind door 23.62" x 15.75" (600 x 400 mm) (HxW)	1/1	PRN6046K
Blind door 23.62" x 23.62" (600 x 600 mm) (HxW)	1/1	PRN6066K
Blind door 27.56" x 19.69" (700 x 500 mm) (HxW)	1/1	PRN7056K
Blind door 31.50" x 23.62" (800 x 600 mm) (HxW)	1/1	PRN8066K
Blind door 31.50" x 31.50" (800 x 800 mm) (HxW)	1/1	PRN8086K
Glazed door 39.37" x 23.62" (1000 x 600 mm) (HxW)	1/1	PTN1066K
Glazed door 39.37" x 31.50" (1000 x 800 mm) (HxW)	1/1	PTN1086K
Glazed door 47.24" x 23.62" (1200 x 600 mm) (HxW)	1/1	PTN1266K
Glazed door 47.24" x 31.50" (1200 x 800 mm) (HxW)	1/1	PTN1286K
Glazed door 19.69" x 15.75" (500 x 400 mm) (HxW)	1/1	PTN5046K
Glazed door 23.62" x 15.75" (600 x 400 mm) (HxW)	1/1	PTN6046K
Glazed door 27.56" x 19.69" (700 x 500 mm) (HxW)	1/1	PTN7056K
Glazed door 31.50" x 23.62" (800 x 600 mm) (HxW)	1/1	PTN8066K

Mechanical characteristics

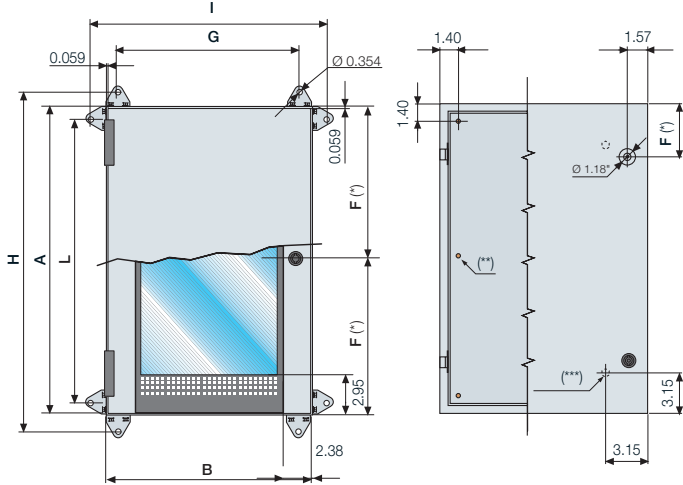
Material	Structure	Kit panels	Doors		Plates
	Galvanized Steel sheet	Pickled steel sheet	Pickled steel sheet	Safety glass external thickness	Galvanized steel sheet
SR2 enclosures	0.047" (12/10 mm)	0.047" (12/10 mm)	0.047" (12/10 mm)	0.16" (4 mm)	0.079" (20/10 mm)

Approximate dimensions

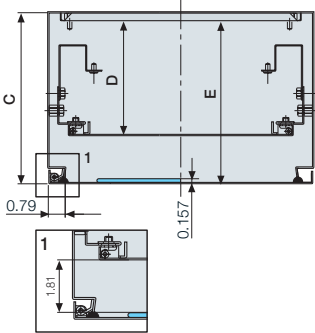
SR2

1

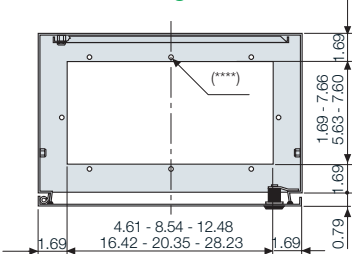
Front view



Modular panels and internal counter door



Fairlead flange



(*) Locks (F)

1 central for enclosures from 11.93" to 19.80" tall (A)
2 for enclosures from 23.74" to 27.68" tall (A)
2 for enclosures from 31.61" to 47.36" tall (A)

(**) Copper plated stud on rear

Only for enclosures from 39.49" to 47.36" tall (A)

(***) M6 Copper plated stud on door

1 for enclosures from 11.93" to 19.80" tall (A)
4 for enclosures from 23.74" to 31.61" tall (A)
6 for enclosures from 39.49" to 47.36" tall (A)

(****) Flange mounting holes

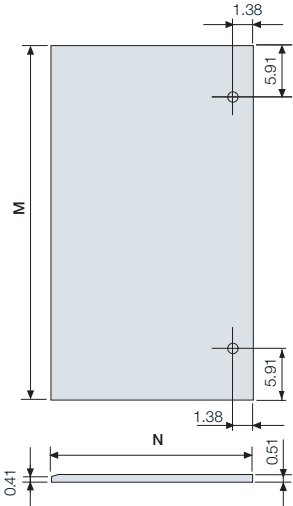
4 for enclosures 7.99" wide (B)
6 for enclosures from 11.93" to 15.87" wide (B)
8 for enclosures from 19.80" to 47.36" wide (B)

A	B	C	D	E	F(*)	G	H	I	L	Catalog number
11.93	7.99	5.79	3.23	5.26	5.96	6.42	13.27	9.33	10.35	SRN3215K
11.93	11.93	5.79	3.23	5.26	5.96	10.35	13.27	13.27	10.35	SRN3315K
11.93	15.87	5.79	3.23	5.26	5.96	14.29	13.27	17.20	10.35	SRN3415K
15.87	11.93	5.79	3.23	5.26	7.93	10.35	17.20	13.27	14.29	SRN4315K
15.87	11.93	7.76	5.20	7.22	7.93	10.35	17.20	13.27	14.29	SRN4320K
15.87	15.87	7.76	5.20	7.22	7.93	14.29	17.20	17.20	14.29	SRN4420K
15.87	23.74	7.76	5.20	7.22	7.93	22.17	17.20	25.08	14.29	SRN4620K
19.80	11.93	7.76	5.20	7.22	9.90	10.35	21.14	13.27	18.23	SRN5320K
19.80	15.87	7.76	5.20	7.22	9.90	14.29	21.14	17.20	18.23	SRN5420K
19.80	15.87	9.72	7.17	9.19	9.90	14.29	21.14	17.20	18.23	SRN5425K
23.74	15.87	7.76	5.20	7.22	3.94	14.29	25.08	17.20	22.17	SRN6420K
23.74	15.87	9.72	7.17	9.19	3.94	14.29	25.08	17.20	22.17	SRN6425K
23.74	23.74	9.72	7.17	9.19	3.94	22.17	25.08	25.08	22.17	SRN6625K
27.68	19.80	7.76	5.20	7.22	3.94	18.23	29.02	21.14	26.10	SRN7520K
27.68	19.80	9.72	7.17	9.19	3.94	18.23	29.02	21.14	26.10	SRN7525K
31.61	23.74	9.72	7.17	9.19	5.91	22.17	32.95	25.08	30.04	SRN8625K
31.61	23.74	11.69	9.13	11.16	5.91	22.17	32.95	25.08	30.04	SRN8630K
31.61	31.61	11.69	9.13	11.16	5.91	30.04	32.95	32.95	30.04	SRN8830K

A	B	C	D	E	F(*)	G	H	I	L	Catalog number
39.49	23.74	9.72	7.17	9.19	5.91	22.17	40.83	25.08	37.91	SRN10625K
39.49	23.74	11.69	9.13	11.16	5.91	22.17	40.83	25.08	37.91	SRN10630K
39.49	31.61	11.69	9.13	11.16	5.91	30.04	40.83	32.95	37.91	SRN10830K
47.36	23.74	11.69	9.13	11.16	5.91	22.17	48.70	25.08	45.79	SRN12630K
47.36	31.61	11.69	9.13	11.16	5.91	30.04	48.70	32.95	45.79	SRN12830K
19.80	15.87	7.76	5.20	7.22	5.91	14.29	21.14	17.20	18.23	SRN5420VK
19.80	15.87	9.72	7.17	9.19	5.91	14.29	21.14	17.20	18.23	SRN5425VK
23.74	15.87	7.76	5.20	7.22	5.91	14.29	25.08	17.20	22.17	SRN6420VK
23.74	15.87	9.72	7.17	9.19	5.91	14.29	25.08	17.20	22.17	SRN6425VK
27.68	19.80	9.72	5.20	7.22	5.91	18.23	29.02	21.14	26.10	SRN7520VK
27.68	19.80	11.69	7.17	9.19	5.91	18.23	29.02	21.14	26.10	SRN7525VK
31.61	23.74	9.72	7.17	9.19	5.91	22.17	32.95	25.08	30.04	SRN8625VK
31.61	23.74	11.69	9.13	11.16	5.91	22.17	32.95	25.08	30.04	SRN8630VK
39.49	23.74	9.72	7.17	9.19	5.91	22.17	40.83	25.08	37.91	SRN10625VK
39.49	23.74	11.69	9.13	11.16	5.91	22.17	40.83	25.08	37.91	SRN10630VK
39.49	31.61	11.69	9.13	11.16	5.91	30.04	40.83	32.95	37.91	SRN10830VK
47.36	23.74	11.69	9.13	11.16	5.91	22.17	48.70	25.08	45.79	SRN12630VK
47.36	31.61	11.69	9.13	11.16	5.91	30.04	48.70	32.95	45.79	SRN12830VK

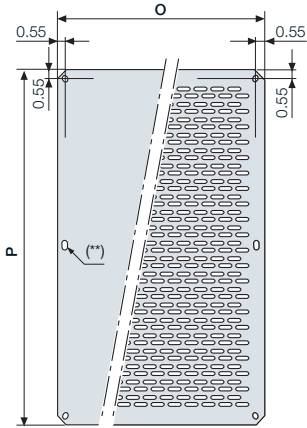
Interior counterdoors

M	N	Catalog number
17.95	14.17	KC5040K*
21.89	14.17	KC6040K*
25.83	18.11	KC7050K*
29.76	22.05	KC8060K
37.64	22.05	KC1060K
37.64	29.92	KC1080K
45.51	22.05	KC1260K
45.51	29.92	KC1280K



Internal plates

O	P	Catalog number
6.30	10.24	PF3020
10.24	10.24	PF3030
14.17	10.24	PF3040 PF4030
14.17	14.17	PF4040
10.24	18.11	PF5030
14.17	18.11	PF5040
14.17	22.05	PF6040 PF4060
22.05	22.05	PF6060
18.11	25.98	PF7050
22.05	29.92	PF8060
29.92	29.92	PF8080
22.05	37.80	PF1060
29.92	37.80	PF1080
22.05	45.67	PF1260
29.92	45.67	PF1280



> Measurements are in inches.

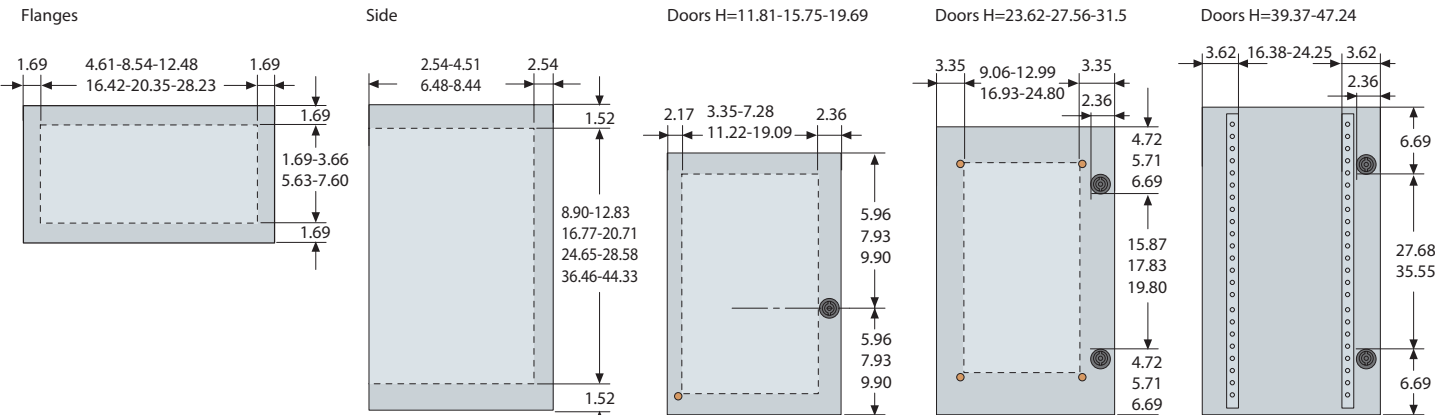
** Only for enclosures 39.49" to 47.36" tall.

Approximate dimensions

Drillings

Drillings SR2

Maximum useful overall dimensions for the drillings



> Measurements are in inches.

SRX enclosures

General characteristics and applications	2/2-2/3
Selection table	2/4
Ordering information	2/5-2/15
Technical information	2/16-2/18
Approximate dimensions	2/19-2/21

SRX enclosures

General characteristics and applications

2

AISI 304 stainless steel allows enclosures to be installed either indoors or outdoors, mounted to the wall or the floor. The AISI 304 stainless steel enclosures with a solid door are supplied with a galvanized sheet metal back plate without cable entry flanges.

The SRX enclosures offer NEMA 4X (UL standard) and IP66 (IEC EN 60529) protection and conform to IEC EN 62208 and IEC 61439-1-2 standards. They also offer protection against external mechanical impact of IK10 for the version with the solid door and IK09 for the version with the tempered glass door (IEC 62262). The SRX enclosures with tempered glass doors can also be used for distribution configurations. These units do not come with back plates. The internal equipment is made, alternatively, by selecting kits:

- Kit for Distribution (KD) – consisting of a pair of functional uprights for assembly of the modular panels (to be ordered separately) and of any compensation panels (see page 2/10).

The modular panels, which can also be installed on the enclosures with blind door with the help of the KD itself, are all hinged and have vertical modularity of 7.28" (185 mm).



SRX enclosures

General characteristics and applications

SRX enclosures can be equipped with: standard plates, clip nuts, spacers, slotted internal back plates, accessories for stacking units, DIN rails and mounting brackets, mounting sections for accessories on doors, and various locking methods.



A spray protection roof provides protection against infiltration by liquids and accidental sprays. Made of AISI 304 stainless steel.



A distribution kit allows all devices and modular circuit breakers to be installed on a DIN rail combined with a modular front panel.





The SRX enclosures can be stacked using the special plinth kit with removable flanges. The plinth kit along with the flanges are made of 0.098" thick AISI 304 stainless steel.



Various locking methods are available that can replace the standard method of the external doors. The locks are interchangeable and easily replaced by loosening a screw.

Technical characteristics

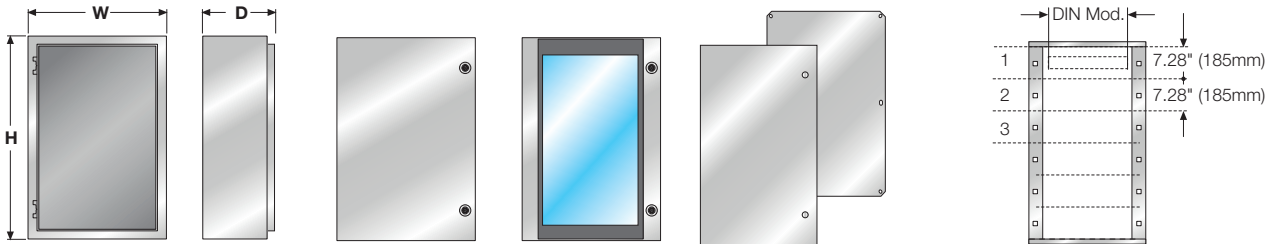
Conforms to	CEI EN 62208, IEC 61439-1-2
Degree of protection	IP66 (CEI EN 60529) NEMA 1, 3R, 4, 4X, 12 (UL standard 508A/50E)
Degree of mechanical protection	IK10 solid door IK09 tempered glass door (IEC 62262)
Certifications	 
Type of material	AISI 304 stainless steel
Installation location	indoors/outdoors
Mounting method	floor/wall
Normal operating conditions – ambient temperature	23°F to 131°F (-5°C to 55°C)

SRX enclosures

Selection table

Rapid selection table

2

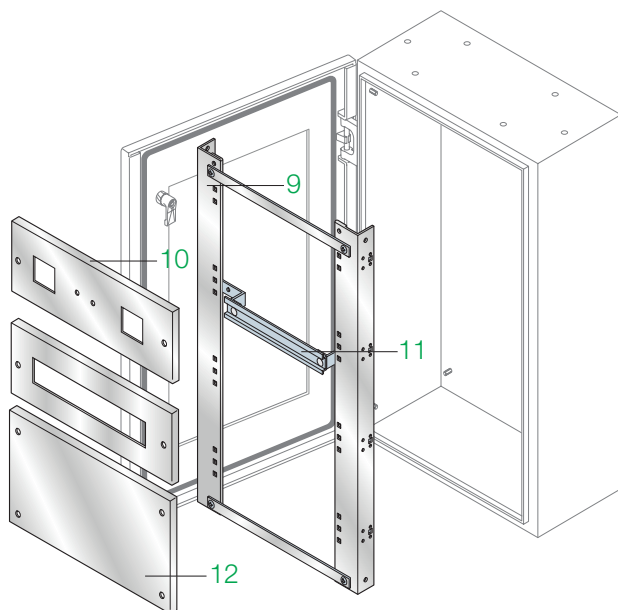
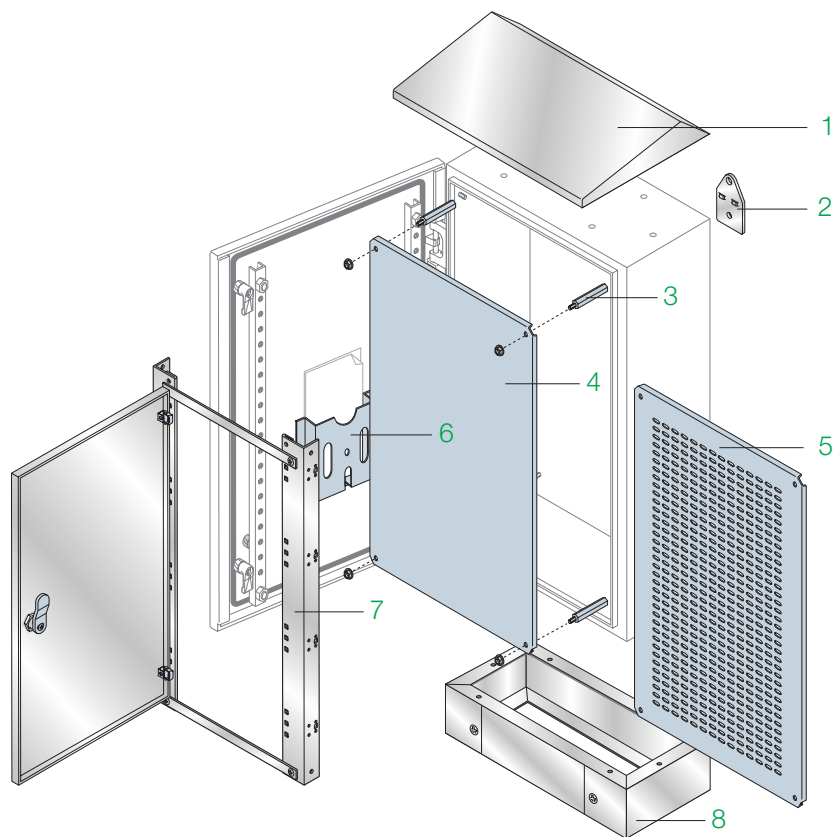


Overall dimensions						Enclosures		Automation kit		Distribution kit Supports for mounting modular panels			
H mm	W mm	D mm	H Inches	W Inches	D Inches	with solid door + back plate catalog number	with tempered glass door ¹ without back plate catalog number ¹	Solid inner door catalog number	Opaque plate	No. of vertical mod. H=7.28" (185mm)	No. of DIN mod. per row	Total modules	DIN supports
300	200	150	11.81	7.87	5.91	SRN3215X							
	400	150		15.75	5.91	SRN3415X							
400	300	150	15.75	11.81	5.91	SRN4315X		KC4030X					
	200				7.87	SRN4320X							
	400	200		15.75	7.87	SRN4420X							
	600	200		23.62	7.87	SRN4620X							
500	400	200	19.69	15.75	7.87	SRN5420X	SRN5420VX ¹	KC5040X	PF5040	2	14	28	KD5040X
	500	200		19.69	7.87	SRN5520X							
600	400	200	23.62	15.75	7.87	SRN6420X	SRN6420VX ¹	KC6040X	PF6040	3	14	42	KD6040X
	600	200		23.62	7.87	SRN6620X							
		300			11.81	SRN6630X							
700	500	250	27.56	19.69	9.84	SRN7525X	SRN7525VX ¹	KC7050X	PF7050				
800		200	31.50		7.87	SRN8620X		KC8060X	PF8060	4	25	100	KD8060X
	600	250		23.62	9.84		SRN8625VX ¹				25	100	
		300			11.81	SRN8630X					25	100	
	800	300		31.50	11.81	SRN8830X							
1000	800	300	39.37	31.50	11.81	SRN10830X	SRN10830VX ¹	KC1080X	PF1080	5	36	180	KD1080X
1200	600	300	47.24	23.62	11.81	SRN12630X							
	800	300		31.50	11.81	SRN12830X							

¹ The back plate must be ordered separately.

SRX enclosures

Ordering information

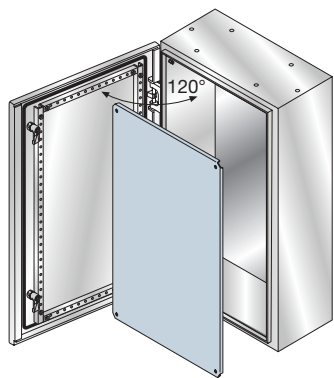


- 1 Spray protection roof
- 2 Wall-mounting brackets
- 3 Spacers for back plates
- 4 Opaque internal plate
- 5 Slotted internal plate
- 6 Document pocket
- 7 Opaque inner door
- 8 Plinth
- 9 Frame for DIN rail
- 10 Modular panels for apparatuses
- 11 DIN rail
- 12 Opaque modular panels

SRX enclosures

Ordering information

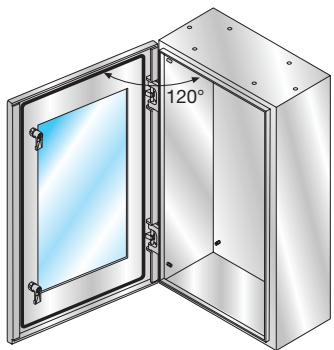
2



SRX series enclosures with solid door (back plate included)

SRX enclosures with a solid door, are supplied with a galvanized sheet metal back plate without cable entry flanges.

Enclosures with solid door complete with internal mounting back plate						
Dimensions						
H mm	W mm	D mm	H Inches	W Inches	D Inches	Catalog number
300	200	150	11.81	7.87	5.91	SRN3215X
	400			15.75		SRN3415X
400	300	150	15.75	11.81	5.91	SRN4315X
	300					SRN4320X
	400	200		15.75	7.87	SRN4420X
	600			23.62		SRN4620X
500	400	200	19.69	15.75	7.87	SRN5420X
	500			19.69		SRN5520X
600	400	200	23.62	15.75	7.87	SRN6420X
	600			23.62		SRN6620X
	600	300		11.81	SRN6630X	
700	500	250	27.56	19.69	9.84	SRN7525X
800	600	200	31.5	23.62	7.87	SRN8620X
	600	300			11.81	SRN8630X
	800			31.50		SRN8830X
1000	800	300	39.37	31.50	11.81	SRN10830X
1200	600	300	47.24	23.62	11.81	SRN12630X
	800			31.50		SRN12830X



SRX series stainless steel enclosures with glass door

The enclosures with tempered glass doors are also used for distribution configurations. These units do not come with back plates. The internal equipment is made, alternatively, by selecting kits:

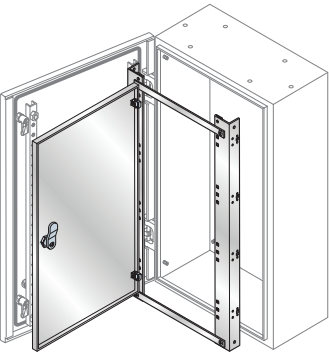
- Kit for Distribution (KD) - consisting of a pair of AISI 304 stainless steel functional uprights for assembly of the modular panels (ordered separately) and of any compensation panels (see page 2/10).

The modular panels, which can also be installed on the enclosures with solid door with the help of the KD itself, are all hinged and have vertical modularity of 7.28" (185 mm).

Enclosures with tempered glass door						
Dimensions						
H mm	W mm	D mm	H Inches	W Inches	D Inches	Catalog number
500	400	200	19.69	15.75	7.87	SRN5420VX
600			23.62			SRN6420VX
700	500	250	27.56	19.69	9.85	SRN7525VX
800	600		31.50	23.62		SRN8625VX
1000	800	300	39.37	31.50	11.81	SRN10830VX

SRX enclosures

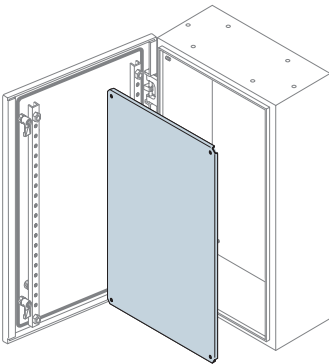
Ordering information



Solid inner door

The internal counterdoor offers IP20 degree of protection. Made of 0.059" (15/10 mm) thick AISI 304 stainless steel, complete with double tongue locking insert.

Solid inner door				
Dimensions				
H mm	W mm	H Inches	W Inches	Catalog number
400	300	15.75	11.81	KC4030X
500	400	19.69	15.75	KC5040X
600		23.62		KC6040X
700	500	27.56	19.69	KC7050X
800	600	31.50	23.62	KC8060X
1000	800	39.37	31.50	KC1080X



Solid internal back plate

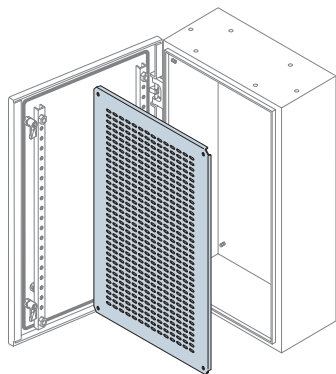
Galvanized back plate, 0.079" (20/10 mm) thick, complete with mounting nuts and washers. Adjustments to the depth of the back plate is possible with the help of a special spacer kit (to be ordered separately).

Opaque internal mounting plate				
Dimensions				
H mm	W mm	H Inches	W Inches	Catalog number
300	200	11.81	7.87	PF3020
300	400	11.81	15.75	PF3040
400	300	15.75	11.81	PF4030
400	400	15.75	15.75	PF4040
400	600	15.75	23.62	PF4060
500	400	19.69	15.75	PF5040
500	500	19.69	19.69	PF5050
600	400	23.62	15.75	PF6040
600	600	23.62	23.62	PF6060
700	500	27.56	19.69	PF7050
800	600	31.5	23.62	PF8060
800	800	31.5	31.5	PF8080
1000	800	39.37	31.5	PF1080
1200	600	47.24	23.62	PF1260
1200	800	47.24	31.5	PF1280

SRX enclosures

Ordering information

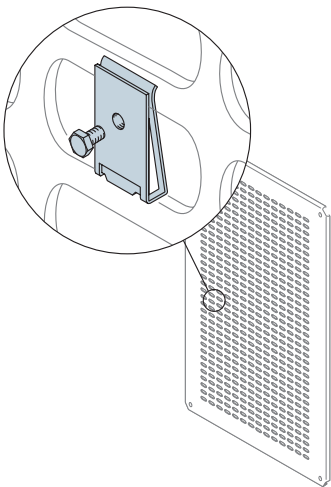
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Slotted internal back plate

Galvanized back plate with slots, complete with mounting nuts and washers. Adjustments to the depth of the back plate is possible with the help of a special spacer kit (to be ordered separately).

Back plate for enclosure				
Dimensions				
H mm	W mm	H Inches	W Inches	Catalog number
300	200	11.81	7.87	TQ3020
300	400	11.81	15.75	TQ3040
400	300	15.75	11.81	TQ4030
400	400	15.75	15.75	TQ4040
400	600	15.75	23.62	TQ4060
500	400	19.69	15.75	TQ5040
600	400	23.62	15.75	TQ6040
600	600	23.62	23.62	TQ6060
700	500	27.56	19.69	TQ7050
800	600	31.50	23.62	TQ8060
800	800	31.50	31.5	TQ8080
1000	800	39.37	31.5	TQ1080
1200	600	47.24	23.62	TQ1260
1200	800	47.24	31.5	TQ1280



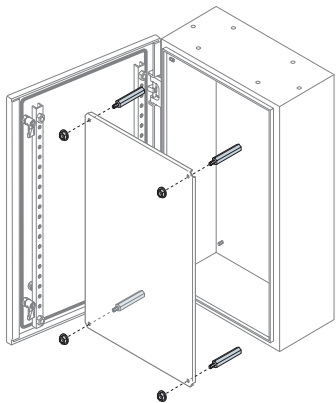
Clip nuts

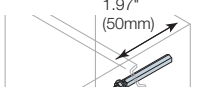
For slotted back plates with M6x0.39" (10 mm) hexagonal head screws.

Description	Package/ No. of pieces	Catalog number
Clip nuts	1/20	TQ6610

Spacer kit for adjusting back plate depth

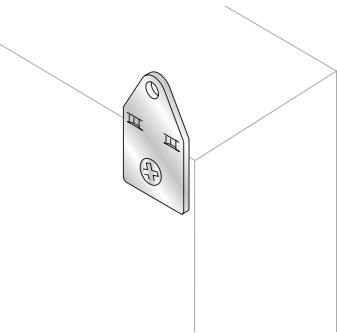
Kit made up of 12 spacers for mounting the back plate. Allows depth adjustment in increments of 0.98" (25 mm).



Description	Package/ No. of pieces	Catalog number
Spacers, length 0.98" (25 mm) 	1/12	AA8025
Spacers, length 1.97" (50 mm) 	1/12	AA8050

SRX enclosures

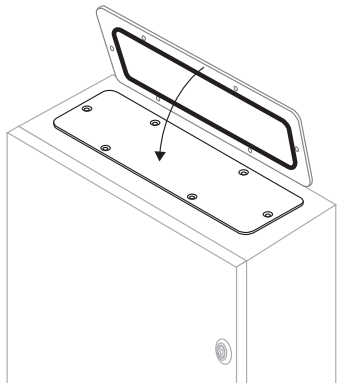
Ordering information



Wall-mounting brackets

These allow wall installation of the enclosures and are mounted by using the special holes positioned on the rear of the enclosures. Made of 0.118" (30/10 mm) AISI 304 stainless steel.

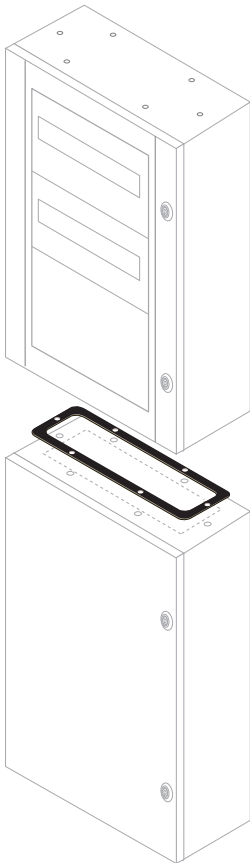
Description	Package/ No. of pieces	Catalog number
Wall-mounting brackets	1/4	AA1206X



Fairlead plates

Fairlead plates are made of 0.098" (25/10 mm) AISI 304 stainless steel with polyurethane gasket.

Description	Dimensions				Catalog number
	W mm	D mm	W Inches	D Inches	
Fairlead plate) for SRN3215X	200	150	7.87	5.91	FLN3215X
Fairlead plate for SRN4315X	300	150	11.81	5.91	FLN4315X
Fairlead plate for SRN3415X	400	150	15.75	5.91	FLN3415X
Fairlead plate for SRN4320X, SRN4320VX	300	200	11.81	7.87	FLN4320X
Fairlead plate for SRN4420X, SRN5420X, SRN6420X, SRN5420VX, SRN6420VX	400	200	15.75	7.87	FLN4420X
Fairlead plate for SRN5520X	500	200	19.69	7.87	FLN5520X
Fairlead plate for SRN4620X, SRN6620X, SRN8620X	600	200	23.62	7.87	FLN4620X
Fairlead plate for SRN7525X, SRN7525VX	500	250	19.69	9.85	FLN7525X
Fairlead plate for SRN8625VX	600	250	23.62	9.85	FLN8625X
Fairlead plate for SRN6630X, SRN8630X, SRN12630X	600	300	23.62	11.81	FLN6630X
Fairlead plate for SRN6830X, SRN8830X, SRN10830X, SRN12830X, SRN10830VX	800	300	31.5	11.81	FLN6830X



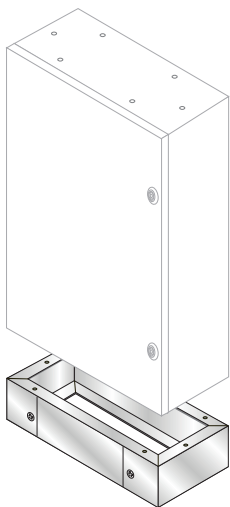
Accessories for stacking

Dimensions				
W mm	D mm	W Inches	D Inches	Catalog number
IP65 gasket				
400	200	15.75	7.87	GZ4020
500	200	19.69	7.87	GZ5020
	250		9.84	GZ5025
600	200	23.62	7.87	GZ6020
	250		9.84	GZ6025
	300		11.81	GZ6030
800	300	31.50	11.81	GZ8030

SRX enclosures

Ordering information

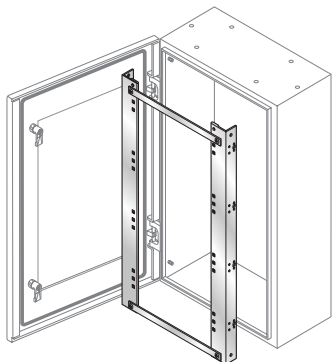
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Plinth

AISI 304, 0.098" (25/10 mm) AISI 304 stainless steel plinth.

Plinth						
Dimensions						
H mm	W mm	D mm	H Inches	W Inches	D Inches	Catalog number
100	400	200	3.94	15.75	7.87	ZA4020X
100	500	200	3.94	19.69	7.87	ZA5020X
100		250	3.94		9.85	ZA5025X
100	600	200	3.94	23.62	7.87	ZA6020X
100		300	3.94		11.81	ZA6030X
100	800	300	3.94	31.50	11.81	ZA8030X



Frame for DIN rail

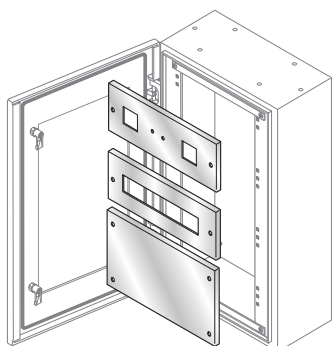
Internal supports for mounting modular panels and DIN rails, with compensation panels, made of AISI 304 stainless steel.

Description	Dimensions				Catalog number
	H mm	W mm	H Inches	W Inches	
Supports for 14 DIN mod. x 2 rows	500	400	19.69	15.75	KD5040X
Supports for 14 DIN mod. x 3 rows	600	400	23.62	15.75	KD6040X
Supports for 25 DIN mod. x 4 rows	800	600	31.50	23.62	KD8060X
Supports for 36 DIN mod. x 5 rows	1000	800	39.37	31.50	KD1080X

SRX enclosures

Ordering information

2



Modular panels

0.047" (12/10 mm) AISI 304 stainless modular panel. The modular panels can be fitted on the enclosures using the special kit (KD...) consisting of functional uprights and a compensation panel.

Each modular panel (PM) comes equipped with a DIN rail (depth-adjustable), mounting brackets and the relative small parts. Tmax modular and moulded-case circuit breakers up to T3 can be positioned side by side on the same DIN rail using the special depth adapter AP 6001. To install MCCBs, mount the DIN rail in the recessed position. The DIN rail mounting brackets allow mounting of the wiring duct up to a maximum size of 60 x 60 mm.

Stainless steel modular panels for DIN rail (including DIN rail and mounting brackets)

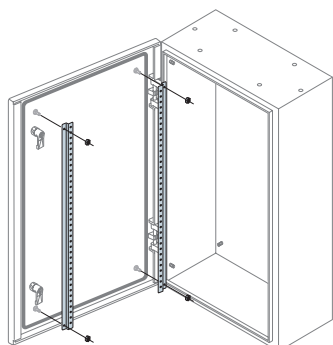
Description	Dimensions		H Inches	W Inches	Catalog number
	H mm	W mm			
14 DIN mod. + fixing bracket	185	400	7.28	15.75	PM1414X
25 DIN mod. + fixing bracket	185	600	7.28	23.62	PM1625X
36 DIN mod. + fixing bracket	185	800	7.28	31.50	PM1836X

Stainless steel modular panels for measuring instruments

Description	Dimensions		H Inches	W Inches	Catalog number
	H mm	W mm			
2 instruments 72 x 72 mm	185	400	7.28	15.75	PS2476X
2 instruments 72 x 72 mm	185	600	7.28	23.62	PS2676X
2 instruments 72 x 72 mm	185	800	7.28	31.50	PS2876X

Stainless steel solid modular panels

Description	Dimensions		H Inches	W Inches	Catalog number
	H mm	W mm			
Solid panel	185	400	7.28	15.75	PC1406X
Solid panel	185	600	7.28	23.62	PC1606X
Solid panel	185	800	7.28	31.50	PC1806X
Solid panel	370	600	14.57	23.62	PC2606X
Solid panel	370	800	14.57	31.50	PC2806X



Shaped sections for accessories

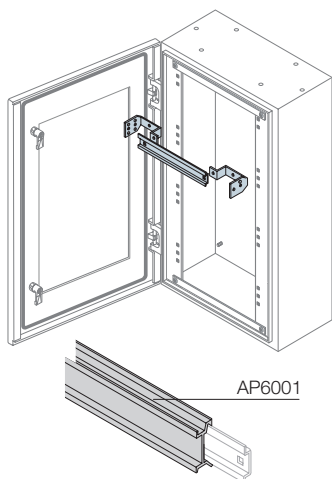
Allows mounting of accessories (e.g.: wiring ducts) inside the solid doors. Consists of a pair of vertical crosspieces made of 0.059" (15/10 mm) thick white galvanized sheet metal, pre-drilled with 0.98" (25 mm) pitch. The 39.37" (1000 mm) and 47.24" (1200 mm) tall enclosures with a solid door are supplied with these sections.

Description	Dimensions		Package/ No. of pieces	Catalog number
	H mm	H Inches		
Shaped sections for door	600	23.62	1/2	TS6009
Shaped sections for door	700	27.56	1/2	TS7009
Shaped sections for door	800	31.50	1/2	TS8009

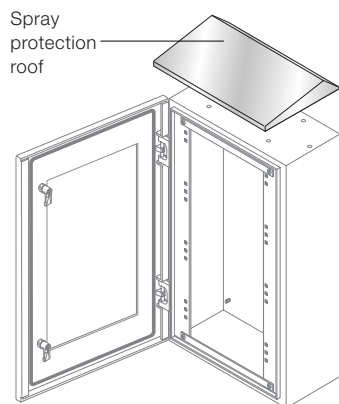
SRX enclosures

Ordering information

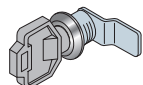
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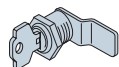
AP6001



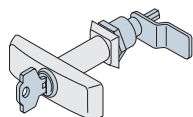
Spray protection roof



AA8001X



AA8002



AA8003



EV1008

DIN rail and mounting brackets

Description	No. modules	W mm	W Inches	Package/ No. of pieces	Catalog number
DIN rail and mounting brackets	14	400	15.75	1/1	GD4006
DIN rail and mounting brackets	25	600	23.62		GD6006
DIN rail and mounting brackets	36	800	31.50		GD8006
Depth adapter					
Depth adapter for Tmax T1-T2-T3-XT1-XT3 W=23.62" (600 mm)				1/4	AP6001

Spray protection roof

Improves protection against infiltration by liquids and accidental sprays.
Made of 0.059" (15/10 mm) thick AISI 304 stainless steel.

Spray protection roof

Dimensions				
H mm	W mm	H Inches	W Inches	Catalog number
200	150	7.87	5.91	TT2015X
300	150	11.81	5.91	TT3015X
400	150	15.75	5.91	TT4015X
300	200	11.81	7.87	TT3020X
400	200	15.75	7.87	TT4020X
500	200	19.69	7.87	TT5020X
600	200	23.62	7.87	TT6020X
500	250	19.69	9.84	TT5025X
600	250	23.62	9.84	TT6025X
600	300	23.62	11.81	TT6030X
800	300	31.50	11.81	TT8030X

Locks

These can replace the standard locks of the external doors. The inserts are interchangeable and easily replaced by the loosening of a single screw.

Description	Catalog number
Box Ø 0.75" (19 mm) double tongue made of chrome-finished plastic and plastic key (spare part)	AA8001X
Box Ø 0.75" (19 mm) cylinder lock with key	AA8002 ¹
Box Ø 0.75" (19 mm) with handle and cylinder lock with key	AA8003 ¹
Box Ø 0.75" (19 mm) with triangular insert	AA5200 ¹
Plastic key for triangular insert AA5200	AA5190
Ergonomic box complete with double tongue insert	EV1008
Single code cylinder lock	EV1036
Ronis 455 insert	EV1037
0.12" (3 mm) Double tongue insert	EV1039

¹ Only for external door

SRX enclosures

Ordering information

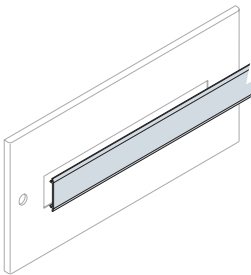
Spare parts

Description	Catalog number
Stainless steel screws (No. 16 screws, flanged nuts and nylon washers M6)	AA1203X
Opaque door 11.81" x 7.87" (300 x 200 mm) (HxW)	PRN3026X
Opaque door 11.81" x 15.75" (300 x 400 mm) (HxW)	PRN3046X
Opaque door 15.75" x 11.81" (400 x 300 mm) (HxW)	PRN4036X
Opaque door 15.75" x 15.75" (400 x 400 mm) (HxW)	PRN4046X
Opaque door 15.75" x 23.62" (400 x 600 mm) (HxW)	PRN4066X
Opaque door 19.69" x 15.75" (500 x 400 mm) (HxW)	PRN5046X
Opaque door 19.69" x 19.69" (500 x 500 mm) (HxW)	PRN5056X
Opaque door 23.62" x 15.75" (600 x 400 mm) (HxW)	PRN6046X
Opaque door 23.62" x 23.62" (600 x 600 mm) (HxW)	PRN6066X
Opaque door 27.56" x 19.69" (700 x 500 mm) (HxW)	PRN7056X
Opaque door 31.50" x 23.62" (800 x 600 mm) (HxW)	PRN8066X
Opaque door 31.50" x 31.50" (800 x 800 mm) (HxW)	PRN8086X
Opaque door 39.37" x 31.50" (1000 x 800 mm) (HxW)	PRN1086X
Opaque door 47.24" x 23.62" (1200 x 600 mm) (HxW)	PRN1266X
Opaque door 47.24" x 31.50" (1200 x 800 mm) (HxW)	PRN1286X
Glass door 19.69" x 15.75" (500 x 400 mm) (HxW)	PTN5046X
Glass door 23.62" x 15.75" (600 x 400 mm) (HxW)	PTN6046X
Glass door 27.56" x 19.69" (700 x 500 mm) (HxW)	PTN7056X
Glass door 31.50" x 23.62" (800 x 600 mm) (HxW)	PTN8066X
Glass door 39.37" x 31.50" (1000 x 800 mm) (HxW)	PTN1086X

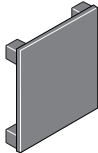
Accessories

Ordering information

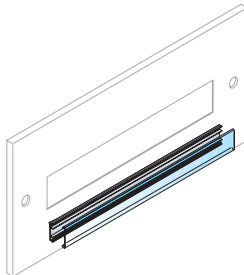
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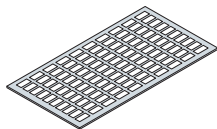
EV1137



EV1135
EV1136



AD1101-AD1102
AD1103-AD1104



EH2118-EH2129
AD1600-AD1800

SRX enclosures

Accessories for modular panels

RAL7035 colored hole covering strip

Description	Package/ No. of pieces	Catalog number
10 hole covers W= 78.74" (2000 mm)	1/10	AD1086
3 hole covers 24 DIN modules W=23.62" (600 mm)	1/3	AD1088
3 hole covers 36 DIN modules W=31.50" (800 mm)	1/3	AD1089

Closing plugs for instrument holder panels

Description	Package/ No. of pieces	Catalog number
10 closing plugs for instrument holder panel 2.83" x 2.83" (72 x 72 mm)	1/10	EV1135
5 closing plugs for instrument holder panel 3.78" x 3.78" (96 x 96 mm)	1/5	EV1136
50 closing plugs for pushbuttons Ø 0.87" (22 mm)	1/50	EV1137

Adhesive label holder

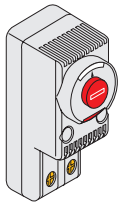
Description	Dimensions		Package/ No. of pieces	Catalog number
	W mm	W Inches		
20 label holders 18 DIN mod.	325	12.80	1/20	EH2118
20 label holders 29 DIN mod.	525	20.67	1/20	EH2129
20 label holders 24 DIN mod.	432	17.01	1/20	AD1600
20 label holders 36 DIN mod.	634	24.96	1/20	AD1800

Labels can be written using a Grafoplast compatible system

Description	No. of DIN mod.	Package/ No. of pieces	Catalog number
288 labels 1 DIN mod.	1	1/288	AD1101
192 labels 2 DIN mod.	2	1/192	AD1102
96 labels 3 DIN mod.	3	1/96	AD1103
96 labels 4 DIN mod.	4	1/96	AD1104

Accessories

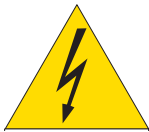
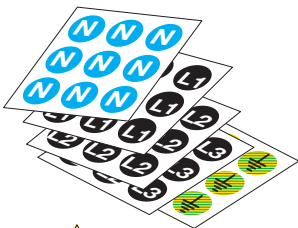
Ordering information



SRX enclosures

IP20 thermostat

The thermostat is UL and cURus approved and conforms to EN 60730-1, EN 60730-2-9 with an IP20 degree of protection. Gray RAL 7035 color; electrical life 100,000 cycles. Dimensions (h x w x d) 2.68" x 1.14" x 1.73" (68 x 29 x 44 mm), can be mounted on all types of DIN rails. The version with NO (normally open) contact allows a circuit to be made, activating ventilation, air conditioning, or alarms. The version with NC (normally closed) contact allows a circuit to be broken, disconnecting any anticondensation heating elements.

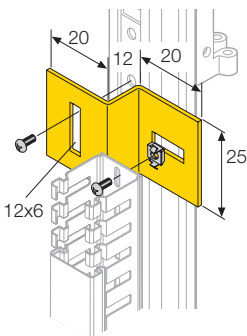


Description	Standard power supply AC 50-60 Hz	Package/ No. of pieces	Catalog number
NO ventilation thermostat	110/250	1/1	EN0101K
NC heating thermostat	110/250	1/1	EN0102K

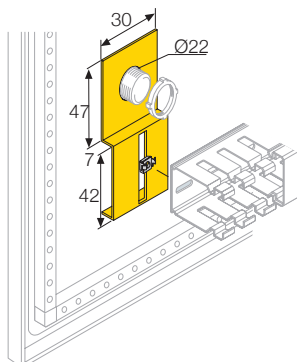
Code	Power supply	Contact capacity		Temperature scale	Type of contact
		Resistive load	Capacitive load		
EN0101K	110/250 AC	10 A	2 A	14 °F to 176 °F (-10 °C to 80 °C)	NO
EN0102K	110/250 AC	10 A	2 A	14 °F to 176 °F (-10 °C to 80 °C)	NC

Markings

Description	Package/ No. of pieces	Catalog number
Adhesive labels Ø 0.47" (12 mm) N symbol	1/490	EV1150
Adhesive labels Ø 0.47" (12 mm) L1 symbol	1/490	EV1151
Adhesive labels Ø 0.47" (12 mm) L2 symbol	1/490	EV1152
Adhesive labels Ø 0.47" (12 mm) L3 symbol	1/490	EV1153
Adhesive labels Ø 0.47" (12 mm) T symbol	1/490	EV1154
Triangular adhesive labels 0.79" (20 mm) with arrow symbol	1/300	EV1156



EV1130



EV1131

Apparatus screws

Description	Package/ No. of pieces	Catalog number
Phillips (cross head slot) piercing screws 0.17" x 0.51" (4.2 x 13 mm)	1/1100	EV1100
Cross head slot piercing screws 0.17" x 0.75" (4.2 x 19 mm)	1/1000	EV1101
M6 cage nuts with front insertion	1/20	AD1036
M6 three-lobe spare screws L=0.63" (16 mm)	1/50	AD1033

Wiring duct support brackets

Description	Package/ No. of pieces	Catalog number
Wiring duct support brackets on structure uprights	1/100	EV1130
Wiring duct support brackets on pushbuttons Ø22	1/100	EV1131

Technical information

SRX enclosures

Mechanical characteristics

2

Material

	Structure	Kit panels	Doors		Back plates
	Stainless steel sheet AISI 304	Stainless steel sheet AISI 304	Stainless steel sheet AISI 304	Safety glass external thickness	Galvanized steel sheet
SRX Enclosures	0.047" (12/10 mm)	0.047" (12/10 mm)	0.047" (12/10 mm)	4	0.079" (20/10 mm)

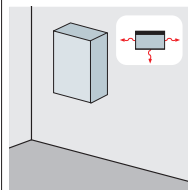
Technical information

SRX enclosures

SRX enclosures

Maximum dissipation power (W)

Dissipating power inside the SRX enclosures according to the permissible overtemperature (external temperature plus overtemperature = 60 °C max).



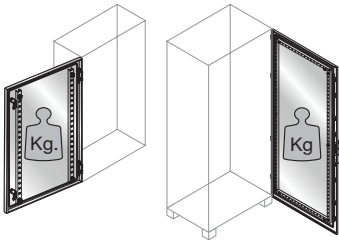
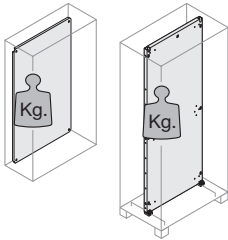
Wall-mounted single enclosure

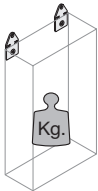
Code	Dimensions			Overtemperature values ΔT			
	H	W	D	77 °F/25 °C	86 °F/30 °C	95 °F/35 °C	104 °F/40 °C
SRN3215X	11.81" (300 mm)	7.87" (200 mm)	5.91" (150 mm)	29	35	42	50
SRN3415X	11.81" (300 mm)	15.75" (400 mm)	5.91" (150 mm)	55	68	82	97
SRN4315X	15.75" (400 mm)	11.81" (300 mm)	5.91" (150 mm)	48	60	72	85
SRN4320X	15.75" (400 mm)	11.81" (300 mm)	7.87" (200 mm)	53	68	82	97
SRN4420X	15.75" (400 mm)	15.75" (400 mm)	7.87" (200 mm)	68	84	101	119
SRN4620X	15.75" (400 mm)	23.62" (600 mm)	7.87" (200 mm)	95	119	143	169
SRN5420X	19.69" (500 mm)	15.75" (400 mm)	7.87" (200 mm)	76	95	116	137
SRN5420VX	19.69" (500 mm)	15.75" (400 mm)	7.87" (200 mm)	76	95	116	137
SRN5520X	19.69" (500 mm)	19.69" (500 mm)	7.87" (200 mm)				
SRN6420X	23.62" (600 mm)	15.75" (400 mm)	7.87" (200 mm)	87	108	132	154
SRN6420VX	23.62" (600 mm)	15.75" (400 mm)	7.87" (200 mm)	87	108	132	154
SRN6620X	23.62" (600 mm)	23.62" (600 mm)	7.87" (200 mm)				
SRN6630X	23.62" (600 mm)	23.62" (600 mm)	11.81" (300 mm)				
SRN7525X	27.56" (700 mm)	19.69" (500 mm)	9.85" (250 mm)	119	150	182	214
SRN7525VX	27.56" (700 mm)	19.69" (500 mm)	9.85" (250 mm)	119	150	182	214
SRN8620X	31.50" (800 mm)	23.62" (600 mm)	7.87" (200 mm)				
SRN8625VX	31.50" (800 mm)	23.62" (600 mm)	9.85" (250 mm)	151	190	230	272
SRN8630X	31.50" (800 mm)	23.62" (600 mm)	11.81" (300 mm)	172	216	261	307
SRN8830X	31.50" (800 mm)	31.50" (800 mm)	11.81" (300 mm)	183	228	278	328
SRN10830X	39.37" (1000 mm)	31.50" (800 mm)	11.81" (300 mm)	228	286	346	409
SRN10830VX	39.37" (1000 mm)	31.50" (800 mm)	11.81" (300 mm)	228	286	346	409
SRN12630X	47.24" (1200 mm)	23.62" (600 mm)	11.81" (300 mm)	198	249	301	354
SRN12830X	47.24" (1200 mm)	31.50" (800 mm)	11.81" (300 mm)	270	338	410	483

Technical information

2

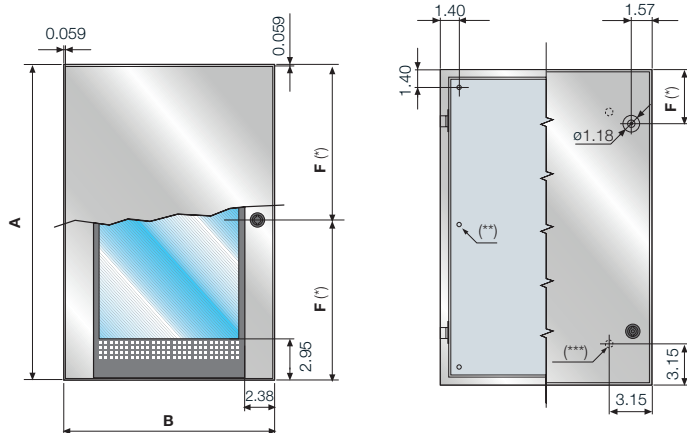
Maximum capacities
(in accordance with the CEI EN 62208 Standard)

	Door	Standard back plates
		
	lbs. / Kg	lbs. / Kg
SRX	44.08 / 20	110.20 / 50

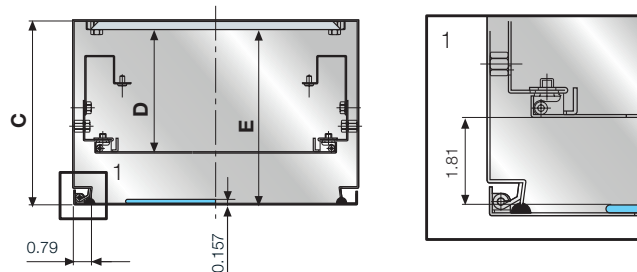
	Brackets for wall fixing	
		
	Catalog number	lbs. / Kg
SRX	AA1206X	440.8 / 200

Approximate dimensions SRX enclosures

Basic version



Modular panels and inner door



(*) Locks (F)

- 1 central for enclosures from 11.93" to 19.80" tall (A)
- 2 for enclosures from 23.74" to 27.68" tall (A) (F=3.94")
- 2 for enclosures from 31.61" to 47.36" tall (A) (F=5.91")

(**) Stud on rear

- Only for enclosures from 39.49" to 47.36" tall (A)

(***) M6 stud on door

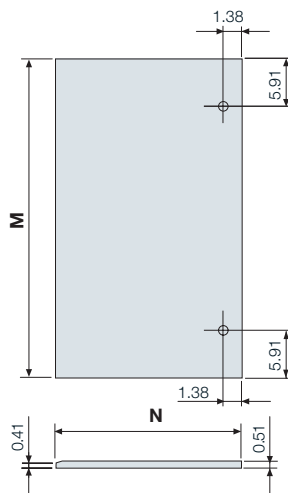
- 1 for enclosures from 11.93" to 19.80" tall (A)
- 4 for enclosures from 23.74" to 31.61" tall (A)
- 6 for enclosures from 39.49" to 47.36" tall (A)

A	B	C	D	E	F (*)	G	H	I	L	Catalog number
11.93	7.99	5.79	3.23	5.26	5.96	6.42	13.27	9.33	10.35	SRN3215X
11.93	15.87	5.79	3.23	5.26	5.96	14.29	13.27	17.20	10.35	SRN3415X
15.87	11.93	5.79	3.23	5.26	7.93	10.35	17.20	13.27	14.29	SRN4315X
15.87	11.93	7.76	5.20	7.22	7.93	10.35	17.20	13.27	14.29	SRN4320X
15.87	15.87	7.76	5.20	7.22	7.93	14.29	17.20	17.20	14.29	SRN4420X
15.87	23.74	7.76	5.20	7.22	7.93	22.17	17.20	25.08	14.29	SRN4620X
19.80	15.87	7.76	5.20	7.22	9.90	14.29	21.14	17.20	18.23	SRN5420X - SRN5420VX
19.80	19.80	7.76	5.20	7.22	9.90	18.23	21.14	21.14	18.23	SRN5520X
23.74	15.87	7.76	5.20	7.22	3.94	14.29	25.08	17.20	22.17	SRN6420X - SRN6420VX
23.74	23.74	7.76	5.20	7.22	3.94	22.17	25.08	25.08	22.17	SRN6620X
23.74	23.74	11.69	9.13	11.16	3.94	22.17	25.08	25.08	22.17	SRN6630X
27.68	19.80	9.72	7.17	9.19	3.94	18.23	29.02	21.14	26.10	SRN7525X - SRN7525VX
31.61	23.74	7.76	5.20	7.22	5.91	22.17	32.95	25.08	30.04	SRN8620X
31.61	23.74	9.72	7.17	9.19	5.91	22.17	32.95	25.08	30.04	SRN8625VX
31.61	31.61	11.69	9.13	11.16	5.91	22.17	32.95	25.08	30.04	SRN8630X
31.61	31.61	11.69	9.13	11.16	5.91	30.04	32.95	32.95	30.04	SRN8830X
39.49	31.61	11.69	9.13	11.16	5.91	30.04	40.83	32.95	37.91	SRN10830X - SRN10830VX
47.36	31.61	11.69	9.13	11.16	5.91	22.17	48.70	25.08	45.79	SRN12630X
47.36	31.61	11.69	9.13	11.16	5.91	30.04	48.70	32.95	45.79	SRN12830X

Interior counterdoors

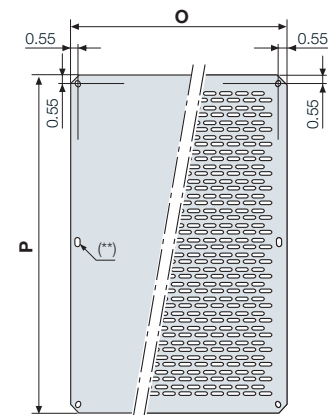
M	N	Catalog number
17.95	14.17	KC5040X*
21.89	14.17	KC6040X*
25.83	18.11	KC7050X*
29.76	22.05	KC8060X
37.64	29.92	KC1080X

* These counterdoors only have one hole in the center for the lock.



Internal plates

O	P	Catalog number
6.30	10.24	PF3020
10.24	10.24	PF3030
14.17	10.24	PF3040 PF4030
14.17	14.17	PF4040
10.24	18.11	PF5030
14.17	18.11	PF5040
18.11	18.11	PF5050
14.17	22.05	PF6040 PF4050
22.05	22.05	PF6060
18.11	25.98	PF7050
22.05	29.92	PF8060
29.92	29.92	PF8080
22.05	37.80	PF1060
29.92	37.80	PF1080
22.05	45.67	PF1260
29.92	45.67	PF1280



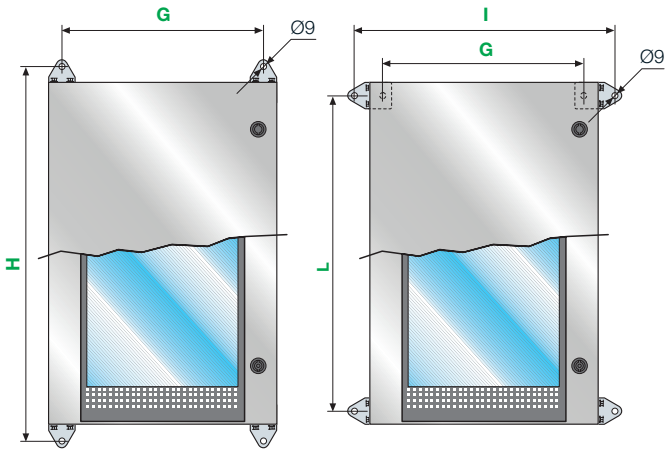
** Only for enclosures 39.49" to 47.36" tall.

Measurements are expressed in inches.

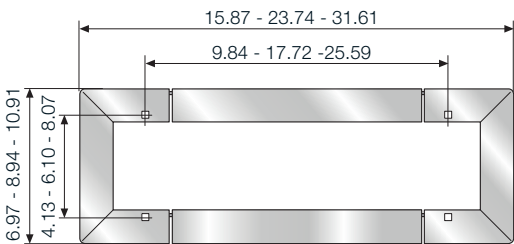
Approximate dimensions SRX enclosures

2

Center distances for wall-mounting



Center distances for plinth mounting



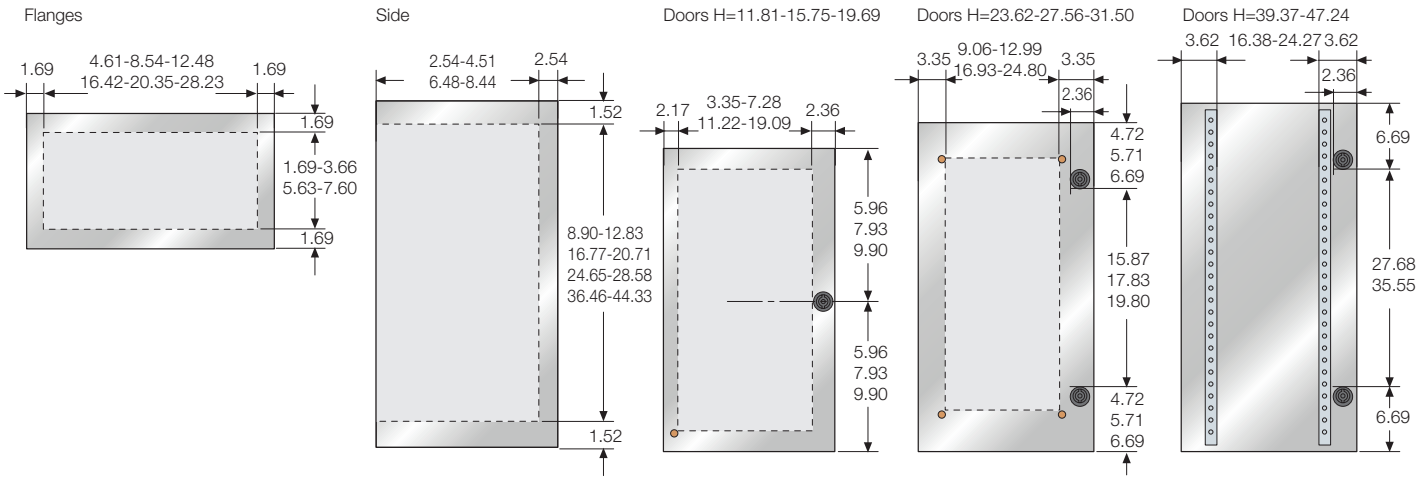
Measurements are expressed in inches.

Approximate dimensions

Drilling

SRX enclosure drilling

Maximum working dimensions for drilling



Measurements are expressed in inches.

GEMINI UL

Ordering information

General characteristics	3/2-3/3
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Ordering information—accessories	3/16-3/18
Fast selection table	3/19-3/21
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Approximate dimensions	3/30-3/40

GEMINI UL

General characteristics

Suitable both for indoor and outdoor installations, the new GEMINI UL enclosures by ABB are easy to install using its wide range of snap-on tool-free accessories.

3

Flexibility and ease of use make the GEMINI UL enclosure highly versatile. Its wide range of accessories give the user different configuration options for installing electrical components and mounting the enclosure. The GEMINI UL enclosure can be easily used for automation and secondary power distribution with its optional variable-depth DIN Rail and internal back plate mounting, inner doors and other accessories, as a standalone enclosure or an on-machine enclosure.

Available in 6 different sizes, from the smallest GEMINI UL Size 1 which is 15.75" x 13.19" x 8.27" (HxWxD) up to the largest GEMINI UL Size 6, 39.57" x 33.07" x 14.17" (HxWxD), it's able to accommodate up to 216 DIN Rail modules.

The GEMINI UL enclosure is designed for strength thanks to an innovative co-injection molding technology, giving it a highly significant impact resistance and light weight.

GEMINI UL is UL listed (UL508A, UL50, and UL50E) and CSA Certified (C22.2 Nr14) NEMA Type 4X. Excellent UV protection and chemical resistance make the GEMINI UL enclosure the perfect enclosure for harsh industrial environments and in solar farm applications.

Unlike enclosures containing polyester, the GEMINI UL enclosure is made of a thermoplastic material that is environmentally friendly (100% recyclable and RoHS compliant).

All GEMINI UL enclosures have a door that opens over 180° for convenient access into the enclosure. The door hinges can be easily reversed from left-hand opening to right-hand opening.



GEMINI UL

General characteristics

	Internal - external dimensions (inches)					
Height	11.81 - 15.75	17.72 - 21.65	23.62 - 27.56	23.62 - 27.56	29.53 - 33.66	35.43 - 39.57
Width	9.84 - 13.19	14.76 - 18.11	14.76 - 18.11	19.69 - 23.23	19.69 - 23.23	29.53 - 33.07
Depth	7.09 - 8.27	9.06 - 10.24	9.06 - 10.24	9.06 - 10.24	12.99 - 14.17	12.99 - 14.17
DIN Modules	24 (12x2)	54 (18x3)	72 (18x4)	96 (24x4)	120 (24x5)	216 (36x6)
Size	1	2	3	4	5	6

3

Healthy materials and innovative processes

The GEMINI UL enclosure is made with a thermoplastic material with high self-extinguishing properties made possible by using the co-injection molding technique: an innovative process developed by ABB which results in a finished product that keeps its excellent mechanical characteristics and high performance over time.

Since the GEMINI UL enclosure is made of a thermoplastic material, it has no health issues like the ones you could have with fiberglass reinforced polyester enclosures, e.g. fiberglass dust entering your eyes and lungs when drilling or cutting the enclosure, or fiberglass fibers emerging on the surface after just a few years in the field, especially if exposed to harsh weather.

Practical, easy and fast

In applications using DIN rails, the patented GEMINI UL uprights integrate perfectly with all the accessories that can be mounted without using any tools (snap-on technology).

- The innovative GEMINI UL uprights come with the following important characteristics and strengths:
- an ergonomic structure that makes work easier;
 - the ability to adjust the inter-axis and the depth of the DIN Rails (tool-free operations);
 - a dual functionality: support the DIN rail and cable holders (integrated wiring duct);
 - various types of DIN Front Panels, blank or pre-cut for modular devices and molded case circuit breakers (MCCBs), are hinged on both sides for fast access and inspection inside of the enclosure.

For typical automation applications, the back plate can be installed inside the GEMINI UL and adjusted to various depths without using any tools. Dedicated kits are available for the installation of ABB Tmax XT MCCBs.

Aesthetics

GEMINI UL comes in gray color RAL 7035 and it integrates perfectly with the coordinate design of ABB products.

Versatility

GEMINI UL can be used in almost any kind of environment, even with extreme weather conditions.

The NEMA 4X rating along with its sturdy construction and resistance to adverse weather conditions and aggressive chemical agents, allows GEMINI UL to be installed in particularly harsh conditions.

Ordering information

3

In the basic configuration, GEMINI UL enclosures are composed of boxes in six different sizes ranging from 15.75" x 13.19" x 8.27" to 39.57" x 33.07" x 14.17" (H x W x D, external measurements). The doors are reversible and clip onto the hinges without the need to use tools; the fact that they open at an angle of more than 180° means that it is easy to work on the components installed inside the enclosure. The seal applied along the sides of the doors ensures NEMA 4X and IP66 degree of protection.

Access to the inside of the enclosure is protected by a standard double bit lock with other types available as an option. Enclosures and doors are shipped together in two separate boxes. Keeping the door separate protects it from accidental damage until wiring is completed and or the enclosure is installed. The included hole-cover plugs used with the optional wall mounting brackets ensure NEMA 4X and IP66 protection and double insulation.

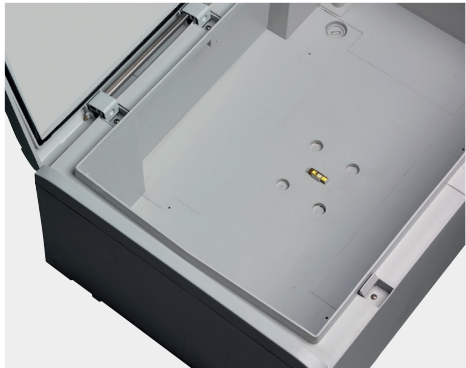
Specifications	
Durability	Thermoplastic material molded in co-injection
	Resistance to abnormal heat and fire up to a temperature of 960°C (IEC EN62208) - IK 10 (IEC EN62208) degree of resistance to impacts
	Protection against chemical and atmospheric agents (water, saline solutions, acids, basic agents, mineral oils, UV rays)
	Operating temperature -4 °F to 158 °F (-20 °C to 70 °C)
Performances	Rated operational voltage up to 690 V
Flexibility of use	6 sizes from 15.75" x 13.19" x 8.27" to 39.57" x 33.07" x 14.17" (H x W x D, external dimensions)
	DIN 24 to 216 modules
Installation	Indoor and outdoor
NEMA Type	1, 3R, 4, 4X
Quality and environment	100% recyclable
Color	Light gray RAL 7035
UL Listed	UL508A, UL50, UL50E
CSA Listed	C22.2 Nr14



GEMINI UL doors open at an angle of more than 180° giving easy access to the devices installed inside the enclosure.



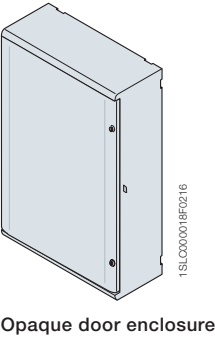
No tools are needed for installation. The doors hook onto the hinges with special hinge pins and are reversible.



The special structure of the inner perimeter of the box ensures further protection against the penetration of water. The box is supplied with a spirit level.

Boxes and doors

- Available in 6 sizes.
- Door designed so that it can be mounted on both vertical sides and mounted without the use of tools.
- Can be mounted to the wall using internal holes or mounting brackets supplied as accessories.
- Door opening at an angle of more than 180°.
- RAL 7035 gray color.
- Doors supplied with 2 standard double bit locks (3 for sizes 5 and 6) that can be replaced with an optional cylinder-lock and key or with square/triangular impression



Size	Dimensions		Modules		Unit/ pack	Catalog number
	External H x W x D (in)	Internal H x W x D (in)	Max no. DIN mod.	No. of horizontal DIN rail panels		
1	15.75 x 13.19 x 8.27	11.81 x 9.84 x 7.09	24 (12 x 2)	2	1/1	1SLM006600A0201
2	21.65 x 18.11 x 10.24	17.72 x 14.76 x 9.06	54 (18 x 3)	3	1/1	1SLM006600A0202
3	27.56 x 18.11 x 10.24	23.62 x 14.76 x 9.06	72 (18 x 4)	4	1/1	1SLM006600A0203
4	27.56 x 23.23 x 10.24	23.62 x 19.69 x 9.06	96 (24 x 4)	4	1/1	1SLM006600A0204
5	33.66 x 23.23 x 14.17	29.53 x 19.69 x 12.99	120 (24 x 5)	5	1/1	1SLM006600A0205
6	39.57 x 33.07 x 14.17	35.43 x 29.53 x 12.99	216 (36 x 6)	6	1/1	1SLM006600A0206

Ordering information

3

GEMINI UL enclosures are designed to be perfectly compatible with ABB components for low voltage control and monitoring. For these applications they can be equipped with modular devices belonging to the System pro M range, with Tmax molded-case circuit-breakers and control and signaling devices, creating a truly integrated automation system. When deciding the GEMINI UL layout for control and monitoring applications, there are two types of back plates available.

After wiring the panel using the wiring ducts and the Fix-O-Rapid feature, the special standard adjustable feet and hooks must be fitted onto the base plate, allowing it to be inserted inside the box at up to seven different depths and three further levels of adjustment: no tools are needed to carry out these operations. An optional the inner door, with reversible opening and made of insulating material, can be mounted without the use of tools. The inner door can be used to mount push button, warning lights, etc.



The mounting hooks and feet supplied in the standard versions are applied without having to use tools, making it possible to install the back plate at various depths inside the enclosure. They can also be adjusted at three further positions.



Application of the inner door offers IP30 degree of protection when the enclosure door is open.



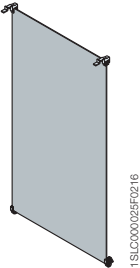
Example of the configuration of a enclosure for an automation application: some ABB control and protection devices are installed on the back plate. The inner door is fitted with emergency push-button and rotary handle.



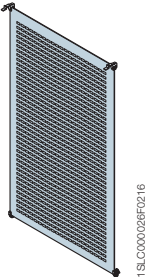
Ordering information

Back plates

- Available in two versions: blank or drilled metal.
- Positioning at three different depths for size 1, four different depths for sizes 2-3-4 and seven different depths for sizes 5-6 (adjustments with 1.18" pitch).
- Supplied with feet and hooks that are adjustable at three positions with a 0.30" pitch.
- Snap-on mounting.
- Back plates can also be mounted directly to the enclosure with the special kit (sizes 2-6).



Blank metal base plate



Drilled metal base plate

Blank metal

Size of the enclosure	Unit/Pack	Catalog number
1	1/6	1SL0259A00
2	1/6	1SL0260A00
3	1/4	1SL0261A00
4	1/4	1SL0262A00
5	1/4	1SL0263A00
6	1/2	1SL0264A00

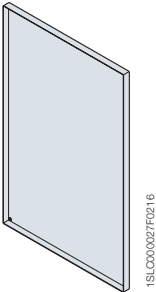
Drilled metal

Size of the enclosure	Unit/Pack	Catalog number
1	1/6	1SL0275A00
2	1/6	1SL0276A00
3	1/4	1SL0277A00
4	1/4	1SL0278A00
5	1/4	1SL0279A00
6	1/2	1SL0280A00

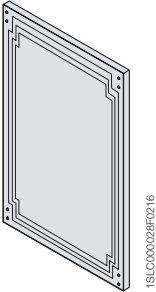
Description	Unit/Pack	Catalog number
Kit for base plate installed on the back of the enclosure	1/10	1SL0383A00

Ordering information

3



Inner door, sizes 1-2



Inner door, sizes 3-4-5-6

Inner doors

- Made of insulating material.
- Designed so that door can be hinged onto both vertical sides.
- Snap-on mounting and fixing.

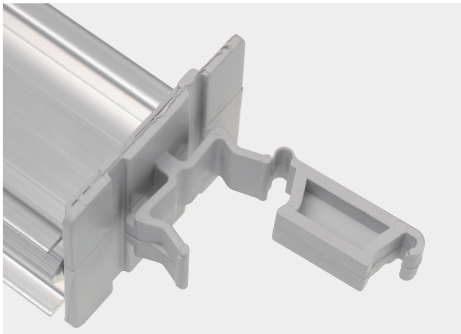
Size of the enclosure	Unit/Pack	Catalog number
1	1/4	1SL0251A00
2	1/4	1SL0252A00
3	1/2	1SL0253A00
4	1/2	1SL0254A00
5	1/2	1SL0255A00
6	1/1	1SL0256A00

Ordering information

In distribution and mixed applications, the GEMINI UL enclosure is designed to be fitted with System pro *M* modular devices and Tmax XT molded-case circuit breakers. The frame is the load-bearing element of the configuration: DIN rails, partial modular plates and the special Tmax XT mounting and cabling kits are snapped onto the uprights. All the components can be adjusted to six different depths with a pitch of 0.49" and arranged at heights with standard installation pitch of 5.90", 8.86" and 11.81" and a distance of 2.95" between the rows.

Blank or cut out DIN front panels are applied to protect the equipment and these can be hinged on either side (excluding 1/2 module); the cables are housed inside the vertical wiring duct integrated in the uprights according to an exclusive ABB patent. The wiring can be carried out directly from the front or by pulling out the whole frame (uprights and DIN rails) for a convenient cabling and assembling on the workbench.

3



The DIN rail is supplied with special hooks already in position for attaching to the uprights.



The upright with the incorporated wiring duct is an exclusive ABB patent that groups the cables inside the enclosure.



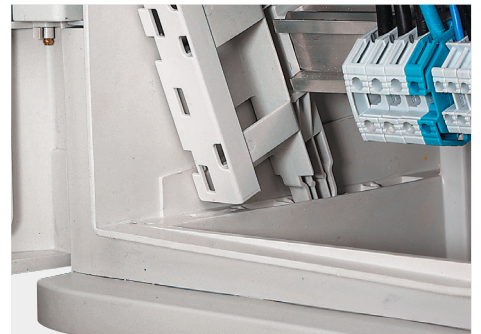
The depth at which the DIN rail, the modular plates, the kit for fixing the Tmax circuit breakers and the wiring duct are positioned can be adjusted with a simple sliding movement.



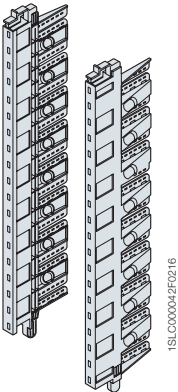
The uprights can be extracted to make wiring operations easier at the workbench.



The blank and DIN front panels (excluding 1/2 module) are hinged onto either side; the description of the installed components can be kept in the special compartment protected by a transparent, hinged flange.



Fixing hooks and feet allow the uprights to be snap-mounted inside the box.

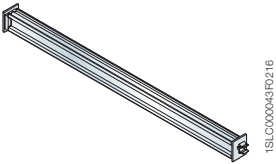


Uprights

Uprights

- Incorporated vertical wiring duct (ABB patent).
- Snap-on mounting of all components (installation pitch of 2.95").
- Depth of installed components adjusted at a pitch of 0.49" (4 positions for uprights of size 1 and 6 positions for sizes 2-6).
- Ergonomic grip to make it easy to insert and remove.

Size of the enclosure	Unit/Pack	Catalog number
1	1/4	1SL0283A00
2	1/4	1SL0284A00
3	1/4	1SL0285A00
4	1/4	1SL0285A00
5	1/2	1SL0286A00
6	1/1	1SL0287A00



DIN rails

DIN rails

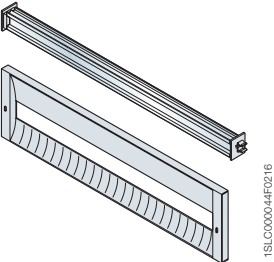
- Two-sided version.
- Supplied with mounting supports that snap onto uprights.
- Depth adjustment on uprights.

Size of the enclosure	Modules per row	Unit/Pack	Catalog number
1	12	1/10	1SL0290A00
2	18	1/10	1SL0291A00
3	18	1/10	1SL0291A00
4	24	1/10	1SL0292A00
5	24	1/10	1SL0292A00
6	36	1/10	1SL0293A00

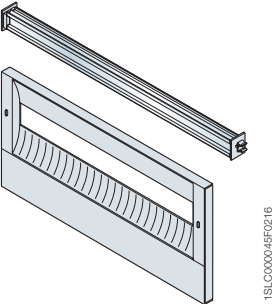
Ordering information

DIN front panel

- Supplied with DIN rail complete with supports to snap onto uprights and adjustable in depth.
- Available in 1 module (H 5.90") and 1+1/2 module (H 8.86", sizes 2-6) dimensions.
- Designed to be hinged onto either vertical side.
- Snap-on mounting onto uprights.
- Document pocket for storing descriptions of installed devices.



Cut out panel, 1 module



Cut out panel, 1 + 1/2 module

1 module

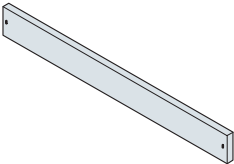
Size of the enclosure	Unit/Pack	Catalog number
1	1/8	1SL0307A00
2	1/8	1SL0308A00
3	1/8	1SL0308A00
4	1/4	1SL0309A00
5	1/4	1SL0309A00
6	1/2	1SL0310A00

1 + 1/2 module

Size of the enclosure	Unit/Pack	Catalog number
2	1/8	1SL0313A00
3	1/8	1SL0313A00
4	1/4	1SL0314A00
5	1/4	1SL0314A00
6	1/2	1SL0315A00

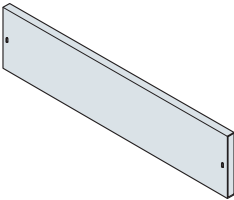
Ordering information

3



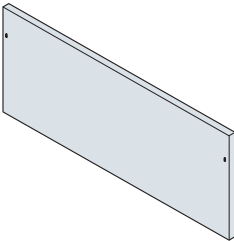
1SL000048F0216

Blank panel, 1/2 module



1SL000047F0216

Blank panel, 1 module



1SL000048F0216

Blank panel, 2 modules

Blank panels

- Available in 1/2 module (H 2.95"), 1 module (H 5.90") and 2 modules (H 11.81") dimensions.
- H 5.90" and H 11.81" panels designed to be hinged on either vertical side.
- Snap-on mounting onto uprights.

1/2 module

Size of the enclosure	Unit/Pack	Catalog number
1	1/10	1SL0318A00
2	1/10	1SL0319A00
3	1/10	1SL0319A00
4	1/6	1SL0320A00
5	1/6	1SL0320A00
6	1/4	1SL0321A00

1 module

Size of the enclosure	Unit/Pack	Catalog number
1	1/8	1SL0324A00
2	1/8	1SL0325A00
3	1/8	1SL0325A00
4	1/4	1SL0326A00
5	1/4	1SL0326A00
6	1/4	1SL0327A00

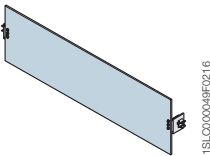
2 modules

Size of the enclosure	Unit/Pack	Catalog number
1	1/6	1SL0330A00
2	1/6	1SL0331A00
3	1/6	1SL0331A00
4	1/4	1SL0332A00
5	1/4	1SL0332A00
6	1/4	1SL0333A00

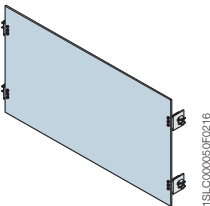
Ordering information

Partial modular plates

- Available in 1 module (H 5.90") and 2 module (H 11.81", sizes 2-6) dimensions.
- Snap-on mounting onto uprights with depth adjustment.



Partial modular plate, 1 module



Partial modular plate, 1 module

1 module

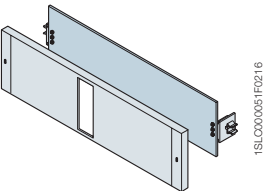
Size of the enclosure	Unit/Pack	Catalog number
1	1/6	1SL0296A00
2	1/4	1SL0297A00
3	1/4	1SL0297A00
4	1/4	1SL0298A00
5	1/4	1SL0298A00
6	1/2	1SL0299A00

2 modules

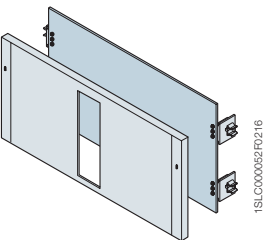
Size of the enclosure	Unit/Pack	Catalog number
2	1/4	1SL0302A00
3	1/4	1SL0302A00
4	1/4	1SL0303A00
5	1/4	1SL0303A00
6	1/2	1SL0304A00

Kit for installing Tmax XT molded-case circuit breakers

- For installing Tmax XT molded-case circuit breakers in fixed version with front terminals.
- Composed of a plate with special drilled holes and a protection panel with vertical slots that can be hinged on either side and snap-on mounted.
- Available for sizes 2-6.
- Snap-on mounting onto uprights with the possibility of adjusting the plate depth.



H 5.90"



H 11.81"

H 5.90"

Size of the enclosure	Unit/Pack	Catalog number
2	1/4	1SL0373A00
3	1/4	1SL0373A00
4	1/4	1SL0374A00
5	1/4	1SL0374A00
6	1/2	1SL0375A00

H 11.81"

Size of the enclosure	Unit/Pack	Catalog number
2	1/4	1SL0376A00
3	1/4	1SL0376A00
4	1/4	1SL0377A00
5	1/4	1SL0377A00
6	1/2	1SL0378A00

Ordering information

Kit selection

Size	Installation	XT1				XT2				XT3				XT4			
		3p	4p	3p D	4p D	3p	4p	3p D	4p D	3p	4p	3p D	4p D	3p	4p	3p D	4p D
1	D	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	O1	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	T	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
2	D	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	K1	■	■	■													
	K2		■	■	■					■	■	■	■				
	O1	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	O2	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	T	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
3	D	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	K1	■	■	■													
	K2		■	■	■					■	■	■	■				
	O1	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	O2	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	T	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
4	D	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	K1	■	■	■													
	K2		■	■	■					■	■	■	■				
	O1	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	O2	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	T	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
5	D	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	K1	■	■	■													
	K2		■	■	■					■	■	■	■				
	O1	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	O2	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	T	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
6	D	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	K1	■	■	■													
	K2		■	■	■					■	■	■	■				
	O1	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	O2	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	T	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■

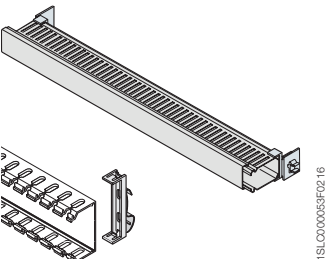
Caption:

- D, installation on DIN rail;
- K1, installation with Tmax kit H = 5.90" (holes made);
- K2, installation with Tmax kit H = 11.81" (holes made);
- O1, installation on modular plate (1 module, H = 5.90");
- O2, installation on modular plate (2 modules, H = 11.81");
- T, installation on total base plate.

Ordering information

Wiring kits

- Composed of wiring duct in versions 2.36" x 0.98" and 2.36" x 1.57" (H x W, 0.31" x 0.47" slots) and Fix-O-Rapid.
- Snap-on mounting on uprights with depth adjustment.



Wiring kit

Wiring duct 2.36" x 0.98"

Size of the enclosure	Unit/Pack	Catalog number
1	1/4	1SL0353A00
2	1/4	1SL0354A00
3	1/4	1SL0354A00
4	1/4	1SL0355A00
5	1/4	1SL0355A00
6	1/4	1SL0356A00

Wiring duct 2.36" x 1.57"

Size of the enclosure	Unit/Pack	Catalog number
1	1/4	1SL0360A00
2	1/4	1SL0361A00
3	1/4	1SL0361A00
4	1/4	1SL0362A00
5	1/4	1SL0362A00
6	1/4	1SL0363A00

Ordering information

Accessories

3

GEMINI UL enclosures have the same accessories for both automation and distribution applications, ensuring maximum versatility and integration of functionality. In particular, the ventilation kit makes it even safer for the devices to run, protecting them from the effects of heat and humidity while the wall brackets, pole mounting kit and pedestal make it easier to install the enclosures in any context. Three different types of optional locks are available for the doors. The optional universal drill bit can be used for making side branch connections. Module

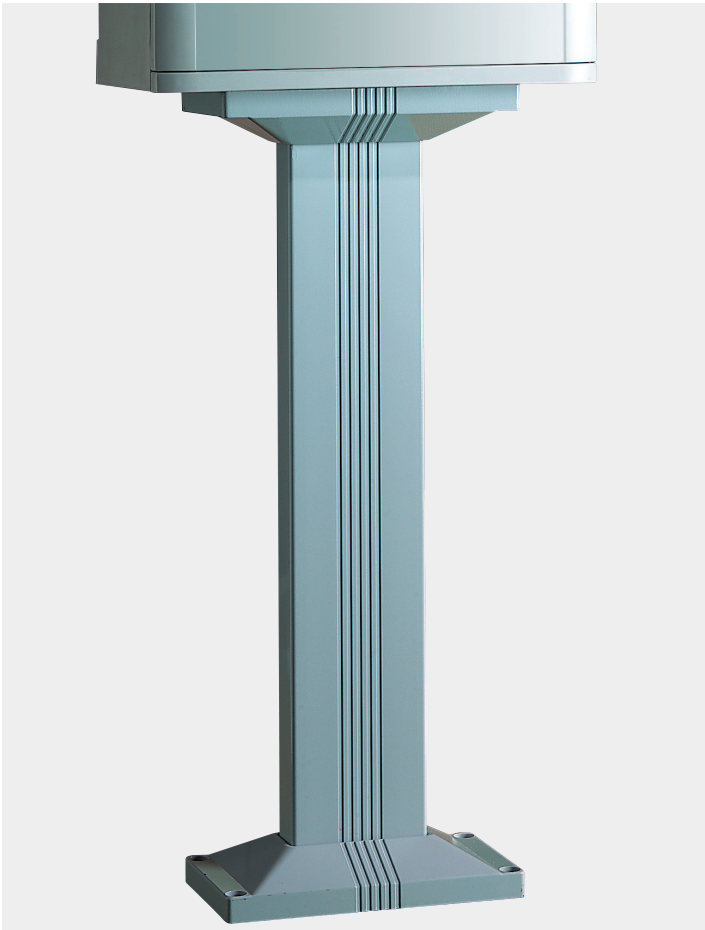
covers hide the unused modules of the DIN rail ensuring protection when the door is open in distribution and mixed configurations.

NEMA “National Electrical Manufacturers Association” Classification

For use either indoors or outdoors, to provide a degree of protection against windblown dust and rain, water sprays, water jets and damage caused by the external formation of ice.



The standard locks supplied can be replaced with a cylinder lock and handle or with square or triangular impression.



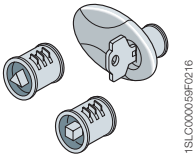
GEMINI UL wall-mounted installation using the special mounting brackets.



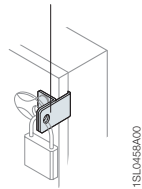
The fact that GEMINI UL enclosures can also be pole-mounted (see photo above) or mounted on a special pedestal (see photo at left) makes them suitable for any application situation.

Ordering information

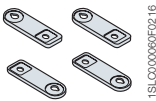
Accessories



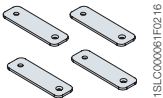
Locks



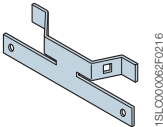
Locking kit



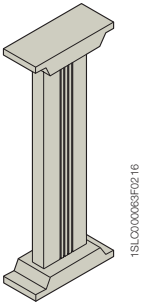
Plastic wall brackets



Stainless steel wall brackets



Pole mounting kit



Floor mounting pedestal

Locks

Available in three versions: with cylinder lock and handle, with triangular and square impressions.

Description	Unit/Pack	Catalog number
Cylinder lock with handle	1/10	1SL0340A00
Lock with triangular impression	1/10	1SL0341A00
Lock with square impression	1/10	1SL0339A00
Tamper-proof locking kit (code 1SL0340A00 included)	1/10	1SL0458A00
Gemini UL standard lock	1/10	1SL0459A00

Mounting elements

Ensure optimum wall, pole and floor mounting conditions.

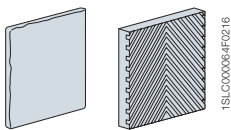
Description	Unit/Pack	Catalog number
Horizontal and vertical plastic wall brackets (4 pieces) ¹	1/10	1SL0342A00
Stainless steel wall brackets (4 pieces)	1/10	1SL0401A00
Pole mounting kit for sizes 1 enclosures ²	1/4	1SL0343A00
Pole mounting kit for sizes 2-3 enclosures ²	1/4	1SL0344A00
Pole mounting kit for sizes 4-5 enclosures ²	1/2	1SL0345A00
Pole mounting kit for size 6 enclosures ²	1/2	1SL0346A00
IP43 Floor mounting pedestal for sizes 1-4	1/1	1SL0352A00

¹ There are two types of inserts for adapting brackets to ø 0.24" and 0.31" fixing devices.

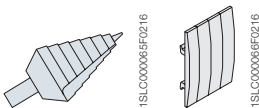
² The kit includes two elements for fixing the upper and the lower part of the enclosure.

Ordering information

Accessories



Ventilation kit



Universal drill bit

Module covers

Ventilation kits

- Composed of plastic grills and filter to ensure enclosure ventilation.
- Preassembled seal.

Description	Unit/ Pack	Catalog number
Grid + air flow kit - External dimensions H x W (inches) 4.13 x 4.13	1/1	EN0105K
Grid + air flow kit (not suitable for size. 1) - External dimensions H x W (inches) 5.90 x 5.90	1/1	EN0150K
Grid + air flow kit (not suitable for size. 1) - External dimensions H x W (inches) 8.03 x 8.03	1/1	EN0204K

Note: screws not included; use 4 self lock screws 0.11" x 0.51" or ask for order code 1SL0384A00.

Other accessories

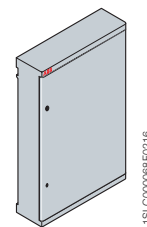
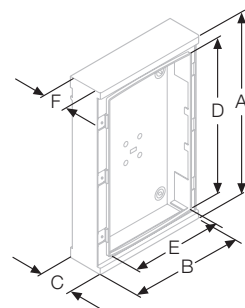
Description	Unit/ Pack	Catalog number
Universal drill bit	1/30	12894
Module covers in RAL 7035 gray, 4 modules	25/300	12863
Kit for base plate installed on the back of the enclosure ¹	1/10	1SL0383A00
Screws for ventilation kits	10/50	1SL0384A00

¹ Compatible with sizes 2-6

Ordering information

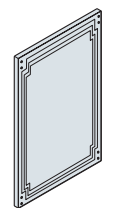
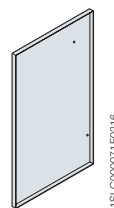
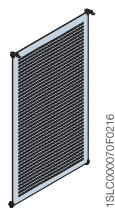
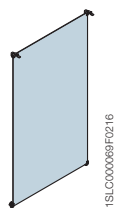
Fast selection table

Basic configuration



Size	No. of installable DIN modules (mod. x row)	No. of vertical mod. (H=5.90")	External dimensions (inches)			Internal dimensions (inches)			Complete enclosure catalog numbers
			A	B	C	D	E	F	
1	24 (12x2)	2	15.75	13.19	8.27	11.81	9.84	7.09	1SLM006600A0201
2	54 (18x3)	3	21.65	18.11	10.24	17.72	14.76	9.06	1SLM006600A0202
3	72 (18x4)	4	27.56	18.11	10.24	23.62	14.76	9.06	1SLM006600A0203
4	96 (24x4)	4	27.56	23.23	10.24	23.62	19.68	9.06	1SLM006600A0204
5	120 (24x5)	5	33.66	23.23	14.17	29.53	19.68	12.99	1SLM006600A0205
6	216 (36x6)	6	39.57	33.07	14.17	35.43	29.53	12.99	1SLM006600A0206

Components for automation catalog numbers



Size	Base plate		Inner door	
	Blank	Drilled	Plain profile version	Reinforced profile
1	1SL0259A00	1SL0275A00	1SL0251A00	-
2	1SL0260A00	1SL0276A00	1SL0252A00	-
3	1SL0261A00	1SL0277A00	-	1SL0253A00
4	1SL0262A00	1SL0278A00	-	1SL0254A00
5	1SL0263A00	1SL0279A00	-	1SL0255A00
6	1SL0264A00	1SL0280A00	-	1SL0256A00

Ordering information

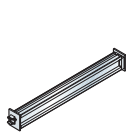
Fast selection table

3

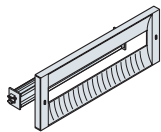
Components for automation catalog numbers



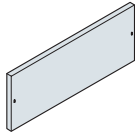
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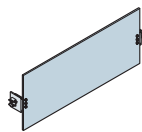
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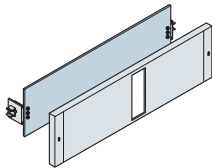
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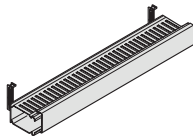
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Size	Uprights	DIN rail	Drilled panel			Blank panel			Modular plate	
			H= 5.90"	H= 8.86"	H= 2.95"	H= 5.90"	H= 11.81"	H= 5.90"	H= 11.81"	
1	1SL0283A00	1SL0290A00	1SL0307A00	-	1SL0318A00	1SL0324A00	1SL0330A00	1SL0296A00	-	
2	1SL0284A00	1SL0291A00	1SL0308A00	1SL0313A00	1SL0319A00	1SL0325A00	1SL0331A00	1SL0297A00	1SL0302A00	
3	1SL0285A00	1SL0291A00	1SL0308A00	1SL0313A00	1SL0319A00	1SL0325A00	1SL0331A00	1SL0297A00	1SL0302A00	
4	1SL0285A00	1SL0292A00	1SL0309A00	1SL0314A00	1SL0320A00	1SL0326A00	1SL0332A00	1SL0298A00	1SL0303A00	
5	1SL0286A00	1SL0292A00	1SL0309A00	1SL0314A00	1SL0320A00	1SL0326A00	1SL0332A00	1SL0298A00	1SL0303A00	
6	1SL0287A00	1SL0293A00	1SL0310A00	1SL0315A00	1SL0321A00	1SL0327A00	1SL0333A00	1SL0299A00	1SL0304A00	

Accessories for distribution catalog numbers



1SLC000080F0216



1SLC000081F0216




1SLC000082F0216

Size	Kit for Tmax XT		Fix-O-Rapid kit with wiring duct		Module covers RAL 7035
	H= 5.90"	H= 11.81"	0.98x2.36"	1.57x2.36"	
1	-	-	1SL0353A00	1SL0360A00	12863
2	1SL0373A00	1SL0376A00	1SL0354A00	1SL0361A00	
3	1SL0373A00	1SL0376A00	1SL0354A00	1SL0361A00	
4	1SL0374A00	1SL0377A00	1SL0355A00	1SL0362A00	
5	1SL0374A00	1SL0377A00	1SL0355A00	1SL0362A00	
6	1SL0375A00	1SL0378A00	1SL0356A00	1SL0363A00	


Ordering information

Fast selection table


Part numbers for accessories common to all sizes



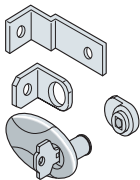
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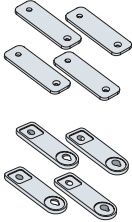
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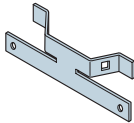
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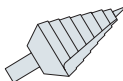


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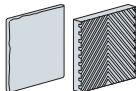


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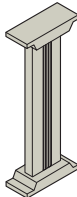
Size	Lock with handle	Lock with triangular impression	Lock with square impression	Anti tampering locking kit	Mounting brackets	Pole installation kit
1	1SL0340A00	1SL0341A00	1SL0339A00	1SL0458A00	See page 3/17	1SL0343A00
2						1SL0344A00
3						1SL0344A00
4						1SL0345A00
5						1SL0345A00
6						1SL0346A00



1SLC00008BF0216



1SLC00008BF0216



1SLC00008TF0216

Size	Universal drill bit	Base mounting kit for mounting plate	Ventilation kit	Floor pedestal		
1	12894	N/A	See page 3/18	1SL0352A00		
2		1SL0383A00				
3						
4		N/A				
5		N/A				
6		N/A				

Technical information

Compliance with standards and technical characteristics

GEMINI UL enclosures features table

Size	1	2	3	4	5	6
Catalog number	1SLM006600A0201	1SLM006600A0202	1SLM006600A0203	1SLM006600A0204	1SLM006600A0205	1SLM006600A0206
External dimensions H x W x D (in)	15.75 x 13.19 x 8.27	21.65 x 18.11 x 10.24	27.56 x 18.11 x 10.24	27.56 x 23.23 x 10.24	33.66 x 23.23 x 14.17	39.57 x 33.07 x 14.17
Internal dimensions H x W x D (in)	11.81 x 9.84 x 7.09	17.72 x 14.76 x 9.06	23.62 x 14.76 x 9.06	23.62 x 19.69 x 9.06	29.53 x 19.69 x 12.99	35.43 x 29.53 x 12.99
NEMA Type	1, 3R, 4, 4X	1, 3R, 4, 4X	1, 3R, 4, 4X	1, 3R, 4, 4X	1, 3R, 4, 4X	1, 3R, 4, 4X
GWT (IEC 60695-2-11) (°C)	960	960	960	960	960	960
Operating temperature	-4 °F ...+158 °F	-4 °F ...+158 °F	-4 °F ...+158 °F	-4 °F ...+158 °F	-4 °F ...+158 °F	-4 °F ...+158 °F
No. of DIN modules	24 (12 x 2)	54 (18 x 3)	72 (18 x 4)	96 (24 x 4)	120 (24 x 5)	216 (36 x 6)
No. of vertical modules (H=5.90")	2	3	4	4	5	6
Material	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic
Color	Gray RAL7035	Gray RAL7035	Gray RAL7035	Gray RAL7035	Gray RAL7035	Gray RAL7035
No. of locks	2	2	2	2	3	3
Rated frequency	50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz

Reference standards

UL Listed	UL508A, UL50, UL50E
CSA Listed	C22.2 Nr14
NEMA type	1,3R, 4,4X
Resistance to impact test	UL746C-§ 22
Ultraviolet light exposure	UL746C-§ 25
Hosedown test	UL50E § 8.6
Crushing resistance test	UL746C-§ 21
Flammability	UL746C-§ 17
Gasket test - tensile strength and elongation	UL50E § 8.13.2
Gasket test - compression test	UL50E § 8.13.3
Pull out test	UL50E § 8.6.2
Torque test	UL50E § 8.6.3
Bending test	UL50E § 8.6.4
Mold-stress-relief distortion test	UL50E § 8.11
Misalignment test	UL50E § 8.15

Technical information

NEMA Type

NEMA “National Electrical Manufacturers Association” Classification

Type	Description
1	For use mainly indoors, to provide a degree of protection against limited amounts of falling dirt.
2	For use mainly indoors, to provide a degree of protection against limited amounts of water (dripping and light splashing) and falling dirt.
3	For use mainly outdoors, to provide a degree of protection against rain, sleet, windblown dust and against damage caused by the external formation of ice on the enclosure.
3R	For use mainly outdoors, to provide a degree of protection against rain, sleet and against damage cause by the external formation of ice on the enclosure.
3S	For use mainly outdoors, to provide a degree of protection against rain, sleet, windblown dust and to guarantee that the external mechanisms remain operable when ice laden.
4	For use indoors and outdoors, to provide a degree of protection against corrosion, windblown dust and rain, water sprays, water jets and against damage caused by the external formation of ice.
4x	For use either indoors or outdoors, to provide a degree of protection against windblown dust and rain, water sprays, water jets and against damage caused by the external formation of ice.
5	For use mainly indoors, to provide a degree of protection against airborne dust, falling dirt and drips of non-corrosive liquids.
6	For use either indoors or outdoors, to provide a degree of protection against water jets, ingress of water during occasional temporary immersion at limited depth and against damage caused by the external formation of ice.
6P	For use either indoors or outdoors, to provide a degree of protection against water jets, ingress of water during prolonged immersion at limited depth and against damage caused by the external formation of ice.
12, 12K	For use mainly indoors, to provide a degree of protection against circulating dust, falling dirt and drips of non-corrosive liquids.
13	For use mainly indoors, to provide a degree of protection against dust and water sprays, and non-corrosive oil and coolant.

Technical information

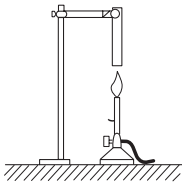
Double insulation, self-extinguishing tests and resistance to chemical agents

Double insulation - Class II protection class (IEC 61140)

Double insulation ensures that GEMINI UL is protected against indirect contacts on condition that the manufacturer's instructions are observed when carrying out mounting and wiring operations on the enclosure and that the appropriate accessories are used (e.g. screw-cover caps).

Double insulation is indicated by the graphic symbol 

Self-extinguishing protection degree

Test text	Equipment required	Purpose	Test results of the test	Test conditions		
				Heat source	Test period	Characteristic elements
UL (Underwriters' laboratories)		A classification is given to the various types of behavior that the materials may have following contact with the Bunsen flame	V-0 if the test specimen burns for less than 5 seconds before going out V-1 if it burns for less than 25 seconds V-2 if it burns for less than 25 seconds, dripping glowing material HB if it burns for more than 25 seconds (horizontal test specimen with a maximum burning speed of 38 mm per minute) Can be assimilated with ASTM D-635	Bunsen burner flame 10 sec	Flame applied for 10 seconds and for two consecutive times	Duration of combustion

Resistance to chemical agents

The behavior of Gemini UL enclosures in the presence of chemical agents is indicated in the table with the symbols:

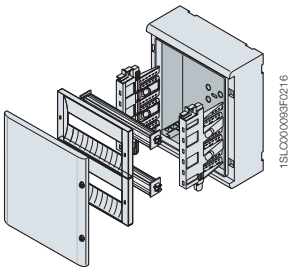
Cold water	■	Ammonia	■	Methanol	■
Hot water	■	Dichloromethane	▲	Wine	■
Sulfuric acid 50%	■	Diesel oil - naphtha	▲	Fruit juices	■
Hydrochloric acid 36%	■	Mineral oils and greases	■	Laundry lye	■
Acetic acid 60%	■	Food oils and greases	■	Detergents	■
Benzol	▲	Perchloroethylene	▲		
Gasoline	▲	Trichlorethene	▲		
Acetone	■	Ethylether	■		
Ethyl alcohol	■	Toluene	▲		

Caption:
 ■ high resistance
 ▲ limited resistance

Technical information

Configurations examples

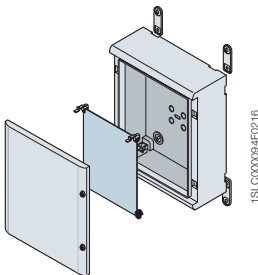
The selection of components for the configuration of Gemini UL enclosures depends on the space available and the type of application. Two examples for each size are given below.



Size 1

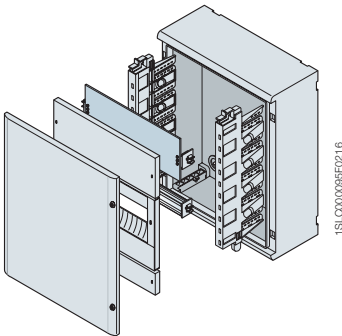
Distribution

Box + opaque door	1SLM006600A0201
Uprights	1SL0283A00
1-mod. DIN front panel + DIN rail	1SL0307A00 (x2)



Automation

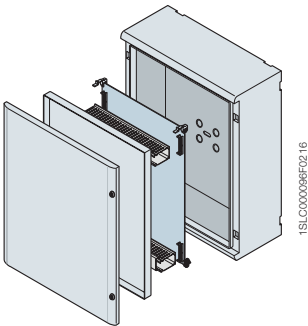
Box + opaque door	1SLM006600A0201
Metal back plate	1SL0259A00
Inner door	1SL0251A00
Wall-mounting brackets	1SL0342A00



Size 2

Distribution/Mixed

Box + opaque door	1SLM006600A0202
Uprights	1SL0284A00
Modular plate 1 mod.	1SL0297A00
Blank panel 1 mod.	1SL0325A00
DIN front panel 1+1/2 mod. + DIN rail	1SL0313A00
Blank panel 1/2 mod.	1SL0319A00
Module covers	12863



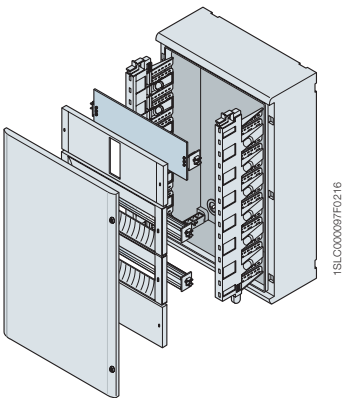
Automation

Box + opaque door	1SLM006600A0202
Metal back plate	1SL0260A00
Inner door	1SL0252A00
Wiring kit	See page 3/15

Technical information

Configurations examples

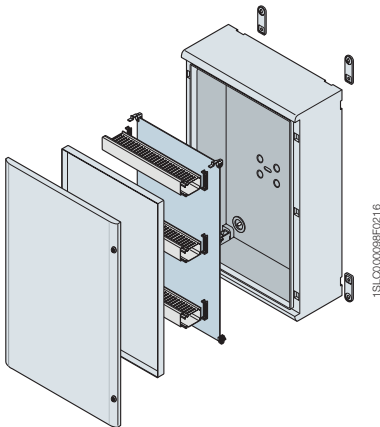
3



Size 3

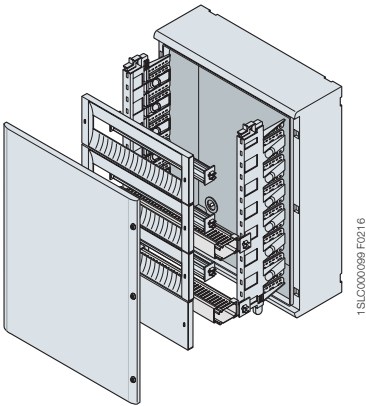
Distribution/Mixed

Box + opaque door	1SLM006600A0203
Uprights	1SL0285A00
Kit for Tmax	1SL0336A00
DIN front panel 1 mod. + DIN rail	1SL0308A00 (x2)
DIN rail	1SL0291A00
Blank panel 1 mod.	1SL0325A00



Automation

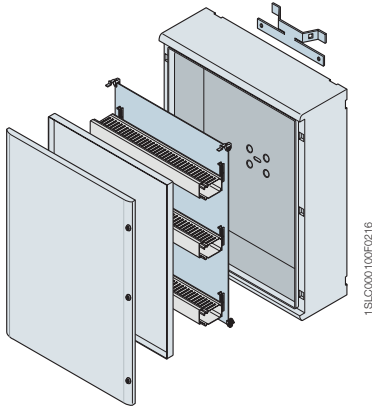
Box + opaque door	1SLM006600A0203
Metal back plate	1SL0261A00
Inner door	1SL0253A00
Wiring kit	See page 3/15
Wall-mounting brackets	1SL0342A00



Size 4

Distribution/Mixed

Box + opaque door	1SLM006600A0204
Uprights	1SL0285A00
DIN front panel 1 mod. + DIN rail	1SL0309A00 (x3)
Blank panel 1 mod.	1SL0326A00
Wiring kit 25x60 mm	1SL0355A00 (x2)
DIN rail	1SL0292A00
Module covers	12863

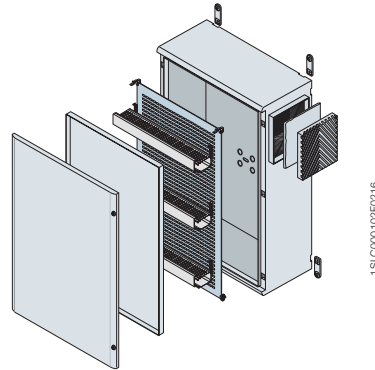
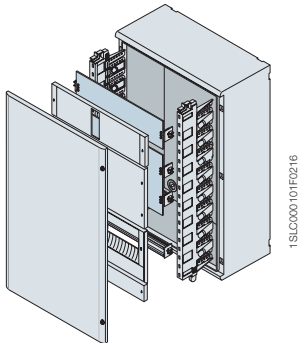


Automation

Box + opaque door	1SLM006600A0204
Metal back plate	1SL0262A00
Inner door	1SL0254A00
Wiring kit	See page 3/15
Pole installation kit	1SL0345A00

Technical information

Configurations examples



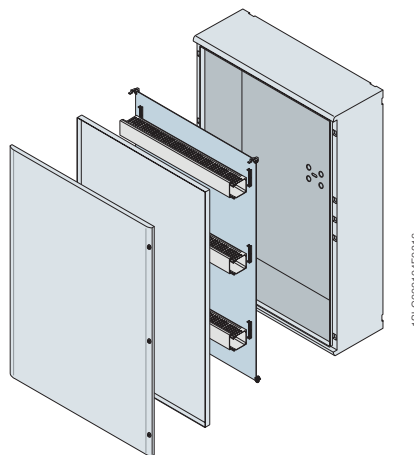
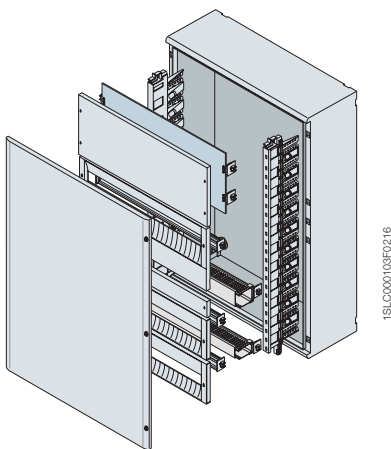
Size 5

Distribution/Mixed

Box + opaque door	1SLM006600A0205
Uprights	1SL0286A00
Kit for Tmax	1SL0337A00
Modular plate 2 mod.	1SL0303A00
Blank panel 2 mod.	1SL0332A00
DIN front panel 1+1/2 mod.	1SL0314A00
Blank panel 1/2 mod.	1SL0320A00
Module covers	12863

Automation

Box + opaque door	1SLM006600A0205
Drilled back plate	1SL0279A00
Inner door	1SL0255A00
Wiring kit	See page 3/15
Wall-mounting brackets	1SL0342A00
Ventilation kit	1SL0350A00



Size 6

Distribution/Mixed

Box + opaque door	1SLM006600A0206
Uprights	1SL0287A00
Modular plate 2 mod.	1SL0304A00
Blank panel 2 mod.	1SL0333A00
DIN front panel 1+1/2 mod.	1SL0315A00
Blank panel 1/2 mod.	1SL0321A00
Panel with holes 1 mod.	1SL0310A00 (x2)
Wiring kit 25x60 mm	1SL0356A00
Wiring kit 40x60 mm	1SL0363A00

Automation

Box + opaque door	1SLM006600A0206
Metal back plate	1SL0264A00
Inner door	1SL0256A00
Wiring kit	See page 3/15
Triangular lock	1SL0341A00 (x3)

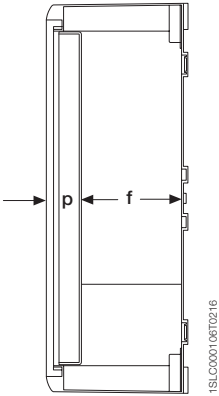
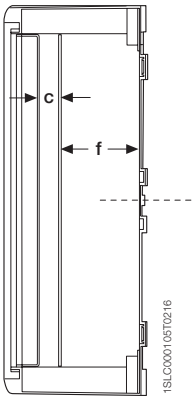
Technical information

Component mounting distances

The reference mounting distances between components for the functional configuration of GEMINI UL enclosures are shown in the diagrams.

3

Automation components (see configurations examples on page 3/25, 3/26, 3/27)



Size	f = distance base plate/back of the enclosure		c = distance mounting plate/inner door	
	MIN.	MAX.	MIN.	MAX.
1	0.64"	3.58"	1.32"	4.33"
2	1.43"	5.51"	1.32"	5.47"
3	1.43"	5.51"	1.32"	5.47"
4	1.43"	5.51"	1.32"	5.47"
5	1.85"	9.61"	1.32"	8.98"
6	1.85"	9.61"	1.32"	8.98"

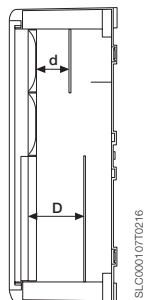
Size	p = distance inner door/ door	f = inner door/back of the enclosure
1	2.48"	5.04"
2	2.48"	6.97"
3	2.48"	6.97"
4	2.48"	6.97"
5	2.48"	10.90"
6	2.48"	10.90"

Technical information

Component mounting distances

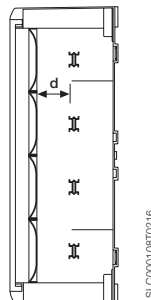
Distribution components

(see configurations examples on page 3/25, 3/26, 3/27)



d = distance DIN Front Panel/modular plate

Size	pos. 1	pos. 2	pos. 3	pos. 4	pos. 5	pos. 6
1	2.15"	2.64"	3.14"	3.63"	-	-
2	2.15"	2.64"	3.14"	3.63"	4.12"	4.61"
3	2.15"	2.64"	3.14"	3.63"	4.12"	4.61"
4	2.15"	2.64"	3.14"	3.63"	4.12"	4.61"
5	2.15"	2.64"	3.14"	3.63"	4.12"	4.61"
6	2.15"	2.64"	3.14"	3.63"	4.12"	4.61"

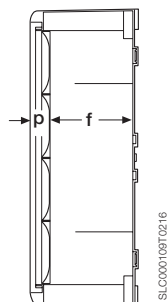


d = distance DIN Front Panel/DIN rail

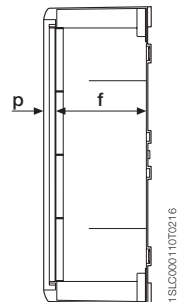
Size	pos. 1	pos. 2	pos. 3	pos. 4	pos. 5	pos. 6
1	2.01"	2.50"	2.99"	3.48"	-	-
2	2.01"	2.50"	2.99"	3.48"	3.98"	4.47"
3	2.01"	2.50"	2.99"	3.48"	3.98"	4.47"
4	2.01"	2.50"	2.99"	3.48"	3.98"	4.47"
5	2.01"	2.50"	2.99"	3.48"	3.98"	4.47"
6	2.01"	2.50"	2.99"	3.48"	3.98"	4.47"

D = distance blank panel/modular plate

Size	pos. 1	pos. 2	pos. 3	pos. 4	pos. 5	pos. 6
1	2.81"	3.31"	3.80"	4.29"	-	-
2	2.81"	3.31"	3.80"	4.29"	4.78"	5.27"
3	2.81"	3.31"	3.80"	4.29"	4.78"	5.27"
4	2.81"	3.31"	3.80"	4.29"	4.78"	5.27"
5	2.81"	3.31"	3.80"	4.29"	4.78"	5.27"
6	2.81"	3.31"	3.80"	4.29"	4.78"	5.27"



Size	p= distance DIN Front Panel/door	f = distance DIN Front Panel/back of the enclosure
1	1.73"	5.71"
2	1.73"	7.75"
3	1.73"	7.75"
4	1.73"	7.75"
5	1.73"	11.69"
6	1.73"	11.69"



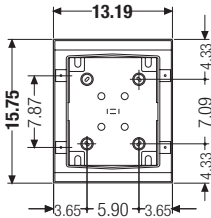
Size	p= distance blank panel/door	f = distance blank panel/back of the enclosure
1	1.04"	6.38"
2	1.04"	8.42"
3	1.04"	8.42"
4	1.04"	8.42"
5	1.04"	12.36"
6	1.04"	12.36"

> Measurements are in inches.

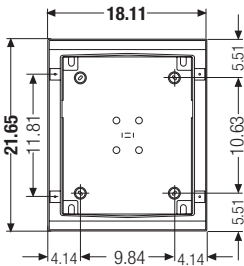
Approximate dimensions

Basic configuration

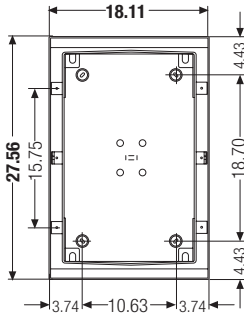
Front view



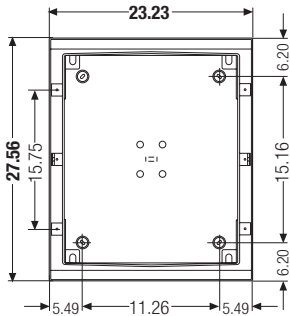
Size 1



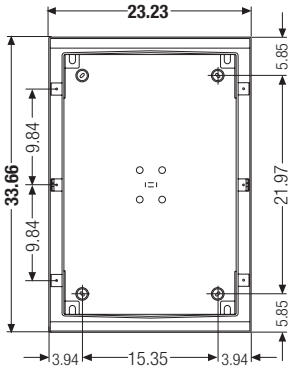
Size 2



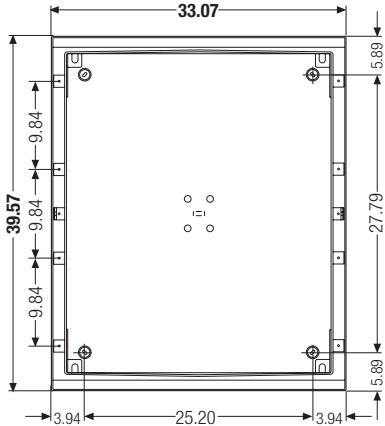
Size 3



Size 4



Size 5

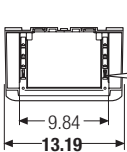


Size 6

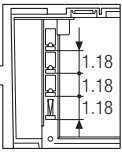
Top view



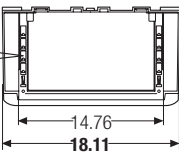
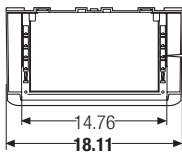
Adjustment slots for uprights on the bottom of the enclosure



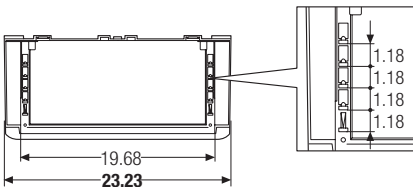
Size 1



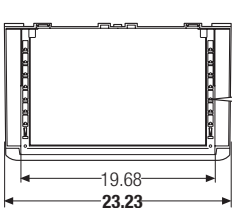
Size 2



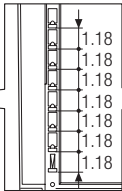
Size 3



Size 4



Size 5



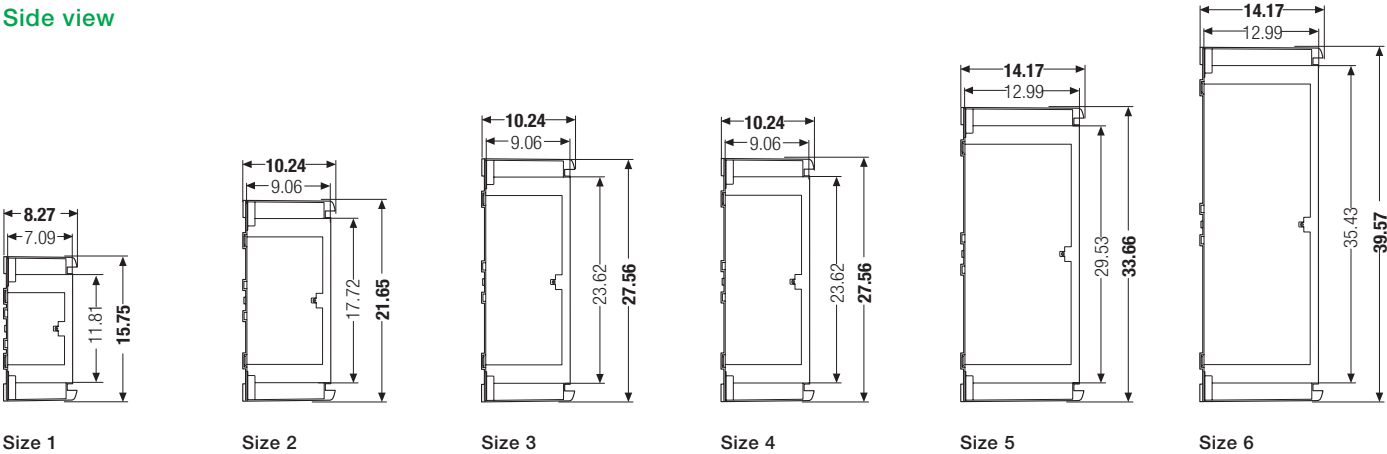
Size 6

Measurements are expressed in inches.

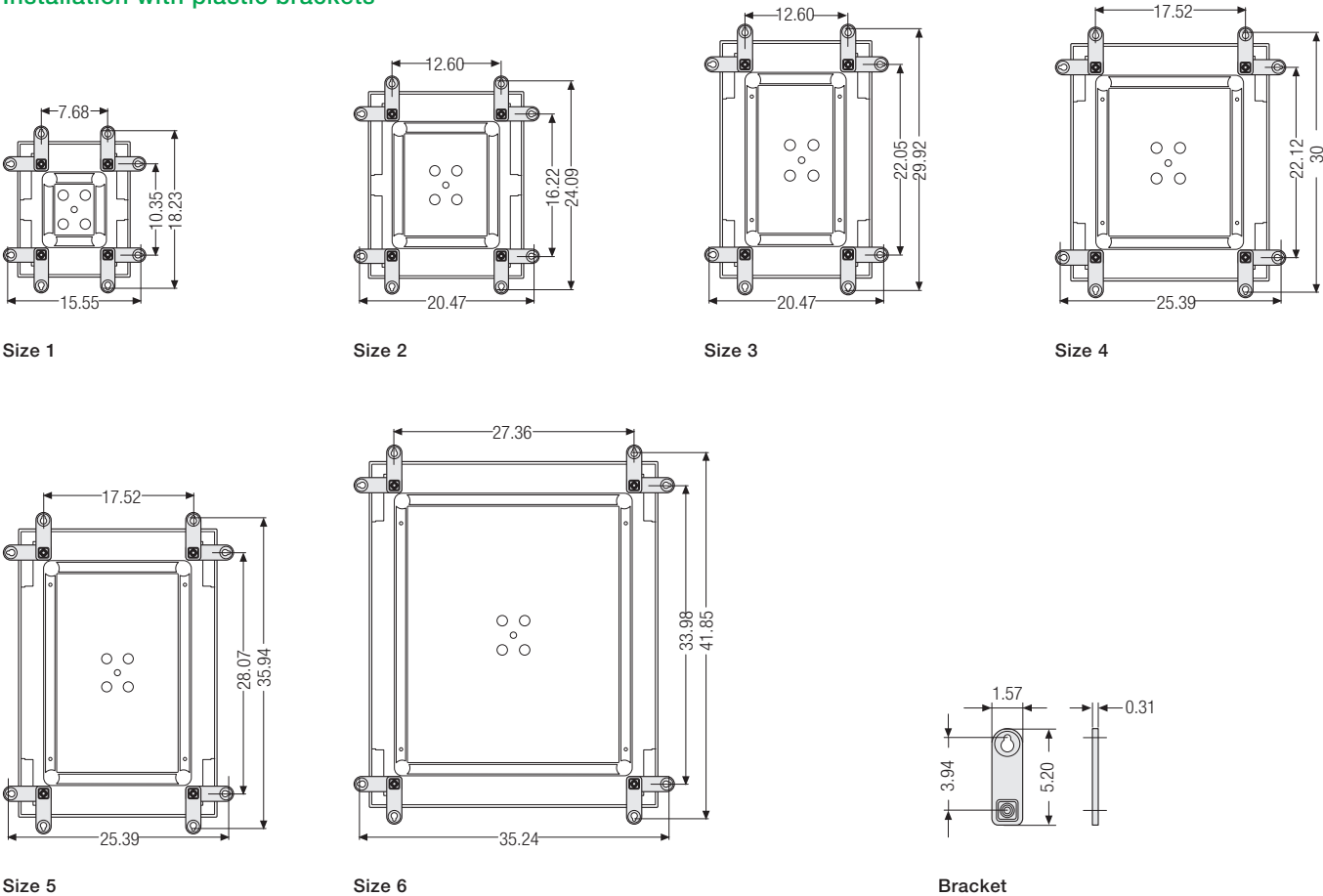
Approximate dimensions

Basic configuration

Side view



Installation with plastic brackets



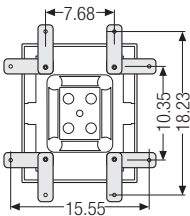
Measurements are expressed in inches.

Approximate dimensions

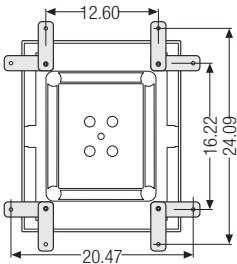
Basic configuration

Installation with stainless steel brackets

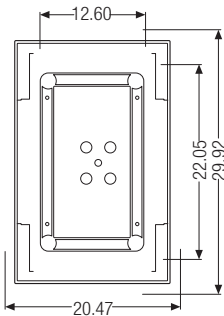
3



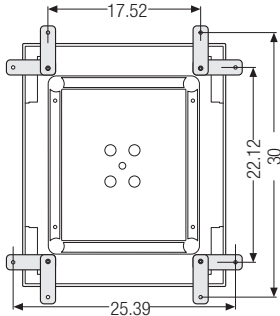
Size 1



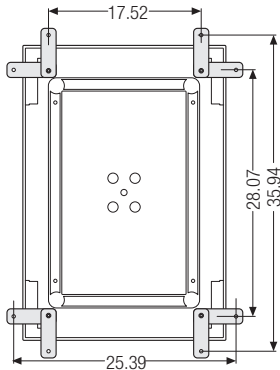
Size 2



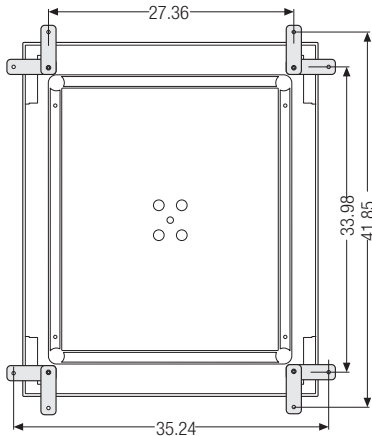
Size 3



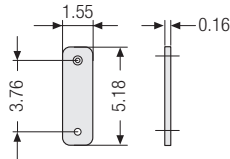
Size 4



Size 5

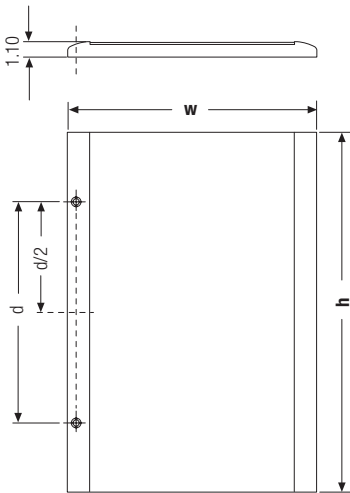


Size 6

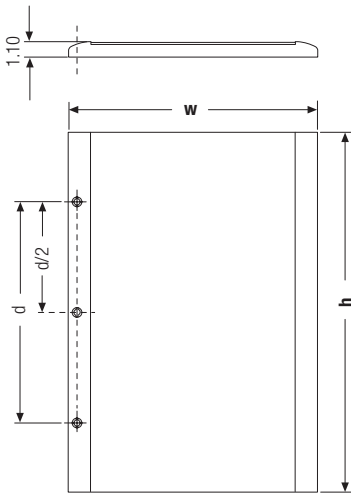


Bracket

External opaque doors



Size 1, 2, 3, 4



Size 5, 6

Size	h	w	Locks	d = lock distance
1	13.74	12.79	2	7.87
2	19.64	17.72	2	11.81
3	25.55	17.72	2	15.75
4	25.55	22.64	2	15.75
5	31.46	22.64	3	19.68
6	37.36	32.48	3	29.53

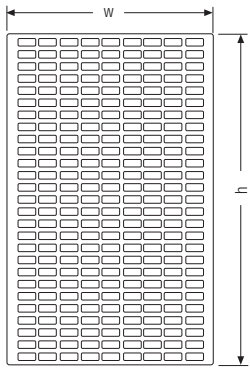
Measurements are expressed in inches.

Approximate dimensions

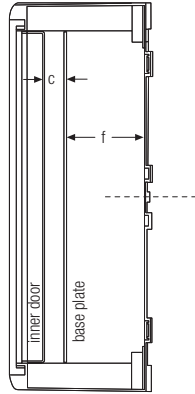
Components for automation applications

Back plate

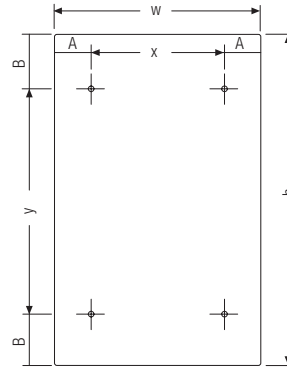
Metal, drilled



s



Metal, blank



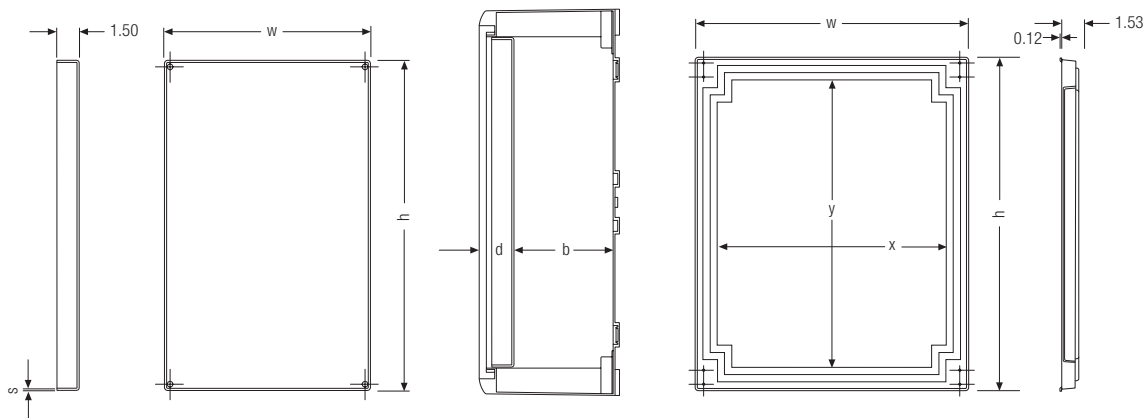
Size	h	w	Metal, blank and drilled base plate	Insulating base plate	f = base plate/ back of the enclosure		c = inner door/ base plate		c = inner door/ base plate (installed with 1SL0383A00)
			s	s	MIN.*	MAX.*	MIN.*	MAX.*	
1	11.22	9.25	0.08	0.20	0.64	3.58	1.32	4.33	-
2	17.12	14.17	0.08	0.20	1.43	5.51	1.32	5.47	6
3	23.03	14.17	0.08	0.20	1.43	5.51	1.32	5.47	6
4	23.03	19.09	0.08	0.20	1.43	5.51	1.32	5.47	6
5	28.94	19.09	0.08	0.20	1.85	9.61	1.32	8.98	9.92
6	34.84	28.94	0.08	0.20	1.85	9.61	1.32	8.98	9.92

Drilling for base mounting with code 1SL0383A00

Size	x	y	A	B
1	-	-	-	-
2	13.27	9.76	0.45	3.68
3	13.27	15.67	0.45	3.68
4	18.19	15.67	0.45	3.68
5	18.19	21.57	0.45	3.68
6	27.99	27.48	0.45	3.68

* The distances "f" and "c" depend by the position of the base plate in the specific cavities to adjust its depth.

Inner doors



Size	h	w	s	Inner door distance from:		y	x
				d = door	b = base		
1	11.81	9.84	0.12	2.48	5.04	11.61	9.64
2	17.72	14.76	0.16	2.48	6.97	17.12	14.37
3	23.62	14.76	0.16	2.48	6.97	17.12	8.46
4	23.62	19.68	0.16	2.48	6.97	17.32	13.38
5	29.53	19.68	0.16	2.48	10.90	23.23	13.38
6	35.43	29.53	0.16	2.48	10.90	28.94	23.03

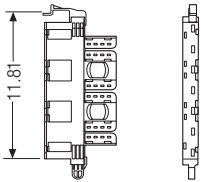
Measurements are expressed in inches.

Approximate dimensions

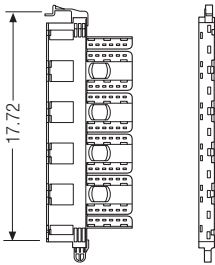
Components for distribution and mixed applications

Uprights

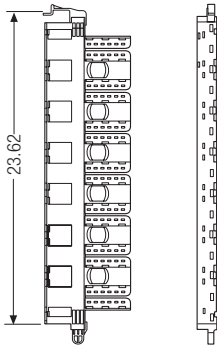
3



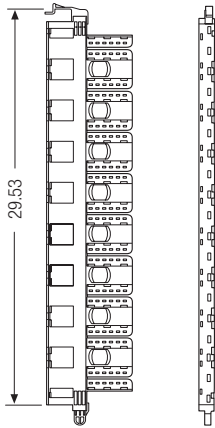
Size 1



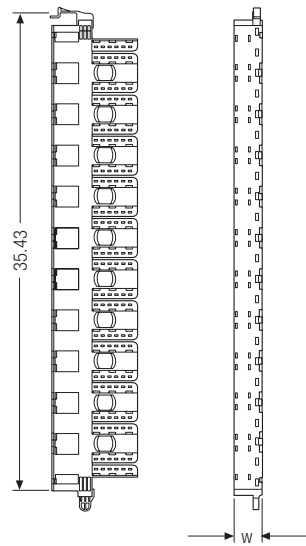
Size 2



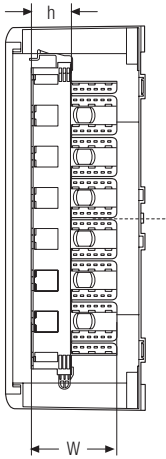
Size 3, 4



Size 5



Size 6



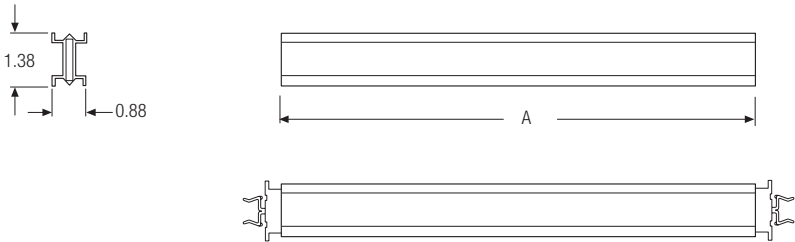
Upright		Built-in duct	
Size	W	h	w
1	5.20	1.81	0.71
2	5.98	1.81	1.06
3	5.98	1.81	1.06
4	5.98	1.81	1.06
5	5.98	1.81	1.42
6	5.98	1.81	2.16

Measurements are expressed in inches.

Approximate dimensions

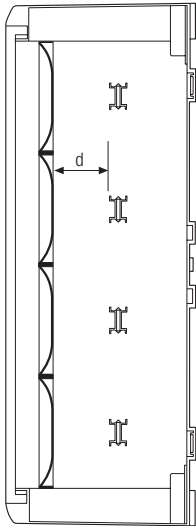
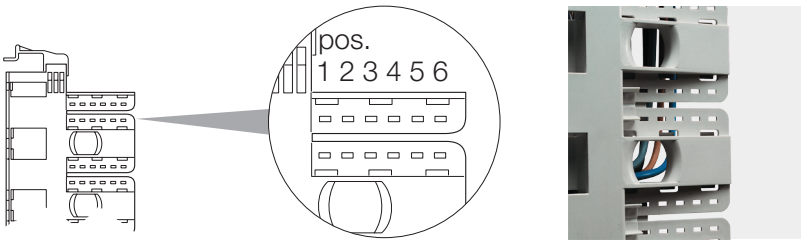
Components for distribution and mixed applications

DIN rails



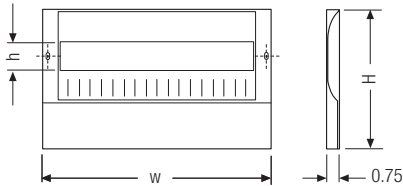
Size	A	d = distance between panel with holes/DIN rail					
		pos. 1	pos. 2	pos. 3	pos. 4	pos. 5	pos. 6
1	8.27	2.01	2.50	2.99	3.48	-	-
2	12.52	2.01	2.50	2.99	3.48	3.98	4.47
3	12.52	2.01	2.50	2.99	3.48	3.98	4.47
4	12.52	2.01	2.50	2.99	3.48	3.98	4.47
5	12.52	2.01	2.50	2.99	3.48	3.98	4.47
6	26.10	2.01	2.50	2.99	3.48	3.98	4.47

The distances of the DIN rail from the Panel depend on depth adjustment made through rail mountings.

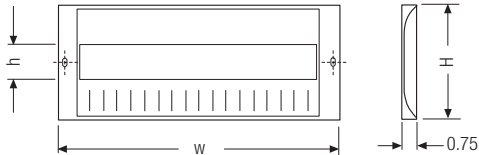


DIN front panel

1 + 1/2 module



1 module



DIN front panel	1 mod.		1+1/2 mod.		Window		Panel distance	
Size	H	w	H	w	h	DIN mod.	d = door	b = base
1	5.90	9.84	-	-	1.81	12	1.73	5.71
2	5.90	14.76	8.86	14.76	1.81	18	1.73	7.75
3	5.90	14.76	8.86	14.76	1.81	18	1.73	7.75
4	5.90	19.68	8.86	19.68	1.81	24	1.73	7.75
5	5.90	19.68	8.86	19.68	1.81	24	1.73	11.69
6	5.90	29.53	8.86	29.53	1.81	36	1.73	11.69

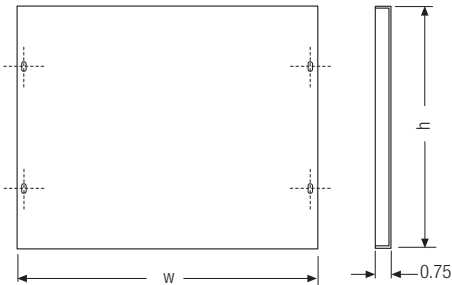
Measurements are expressed in inches.

Approximate dimensions

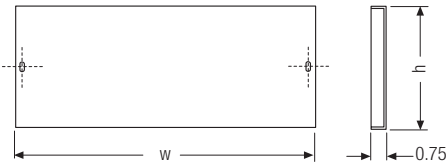
Components for distribution and mixed applications

Blank panels

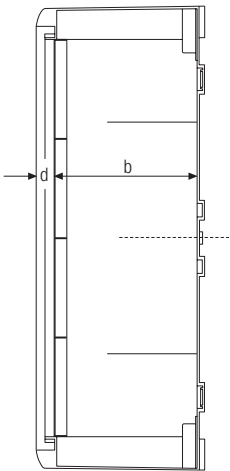
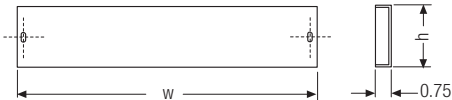
Blank panel 2 modules



Blank panel 1 module



Blank panel 1/2 module



Size	1/2 mod.		1 mod.		2 mod.		Panel distance	
	h	w	h	w	h	w	d = door	b = base
1	2.95	9.84	5.90	9.84	11.81	9.84	1.04	6.38
2	2.95	14.76	5.90	14.76	11.81	14.76	1.04	8.42
3	2.95	14.76	5.90	14.76	11.81	14.76	1.04	8.42
4	2.95	19.68	5.90	19.68	11.81	19.68	1.04	8.42
5	2.95	19.68	5.90	19.68	11.81	19.68	1.04	12.36
6	2.95	29.53	5.90	29.53	11.81	29.53	1.04	12.36

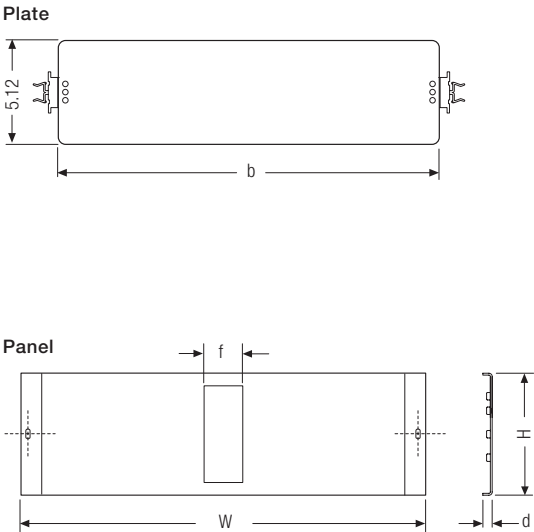
Measurements are expressed in inches.

Approximate dimensions

Components for distribution and mixed applications

Kit for Tmax XT

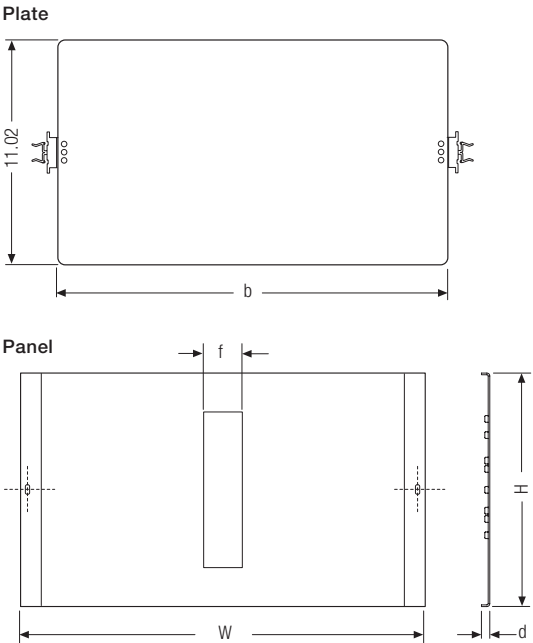
Kit H 5.90"



Kit for Tmax XT H 5.90" (available for sizes 2-6)

Size	H	W	d	f	b
2	5.90	14.76	0.39	1.81	12.52
3	5.90	14.76	0.39	1.81	12.52
4	5.90	19.68	0.39	1.81	17.44
5	5.90	19.68	0.39	1.81	17.44
6	5.90	29.53	0.39	1.81	26.10

Kit H 11.81"



Kit for Tmax XT H 11.81" (available for sizes 2-6)

Size	H	W	d	f	b
2	11.81	14.76	0.39	1.81	12.52
3	11.81	14.76	0.39	1.81	12.52
4	11.81	19.68	0.39	1.81	17.44
5	11.81	19.68	0.39	1.81	17.44
6	11.81	29.53	0.39	1.81	26.10

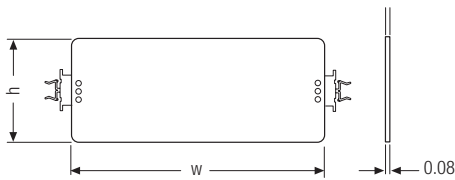
Measurements are expressed in inches.

Approximate dimensions

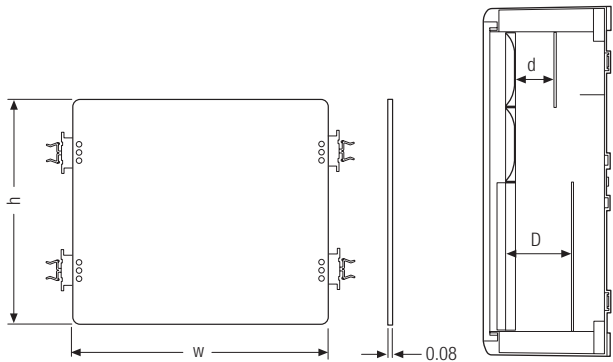
Components for distribution and mixed applications

Modular plates

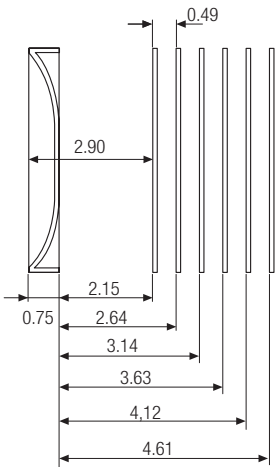
3



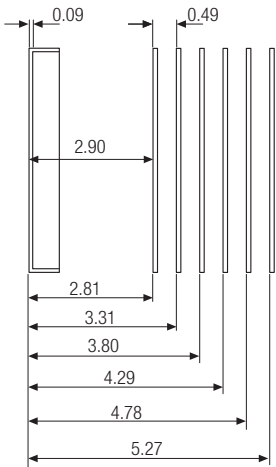
1 module



2 modules



DIN front panel



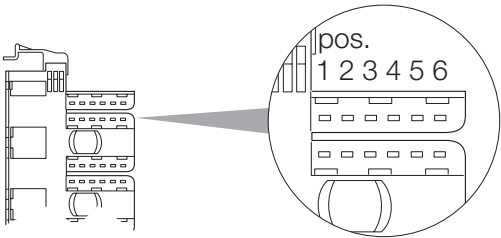
Blank panel

Size	1 module		2 modules	
	h	w	h	w
1	5.12	8.27	-	-
2	5.12	12.52	11.02	12.52
3	5.12	12.52	11.02	12.52
4	5.12	17.44	11.02	17.44
5	5.12	17.44	11.02	17.44
6	5.12	26.10	11.02	26.10

D = distance blank panel/plate						
pos. 1	pos. 2	pos. 3	pos. 4	pos. 5	pos. 6	
2.81	3.31	3.80	4.29	-	-	
2.81	3.31	3.80	4.29	4.78	5.27	
2.81	3.31	3.80	4.29	4.78	5.27	
2.81	3.31	3.80	4.29	4.78	5.27	
2.81	3.31	3.80	4.29	4.78	5.27	

d = distance DIN front panel/plate						
pos. 1	pos. 2	pos. 3	pos. 4	pos. 5	pos. 6	
2.15	2.64	3.14	3.63	-	-	
2.15	2.64	3.14	3.63	4.12	4.61	
2.15	2.64	3.14	3.63	4.12	4.61	
2.15	2.64	3.14	3.63	4.12	4.61	
2.15	2.64	3.14	3.63	4.12	4.61	

The distance of the panels from the modular plates depends on the depth at which the DIN rail is set at.



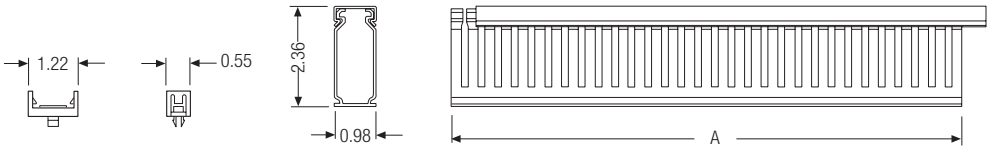
Measurements are expressed in inches.

Approximate dimensions

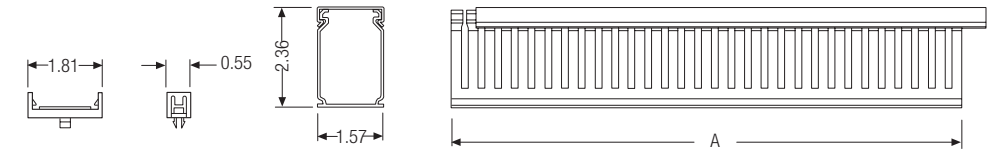
Components for distribution and mixed applications

Wiring kit

Duct 2.36"x0.98"



Duct 2.36"x1.57"

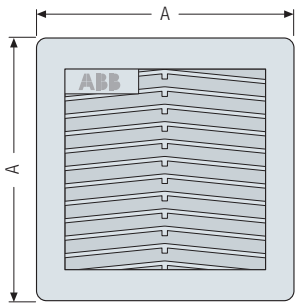


Size	A
1	8.27
2	12.52
3	12.52
4	17.44
5	17.44
6	26.10

Approximate dimensions

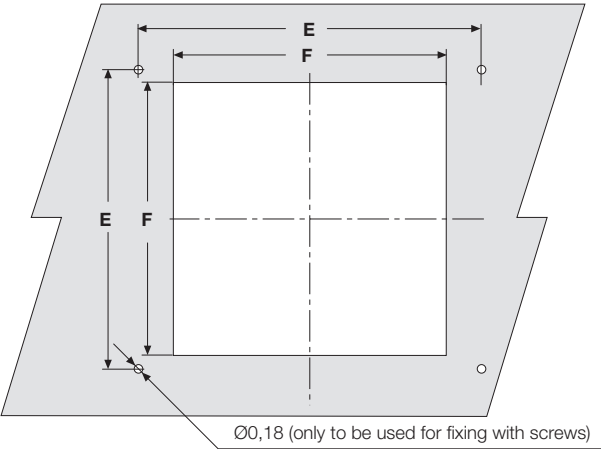
Components for distribution and mixed applications

Ventilation kit



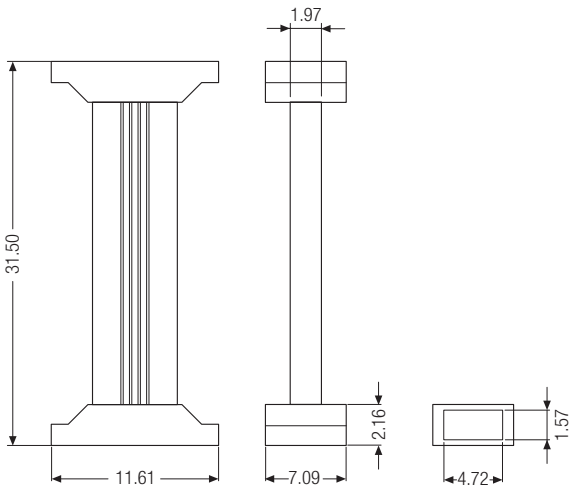
Catalog number	A
EN0105K	4.13
EN0150K	5.90
EN0204K	8.03

Drilling template

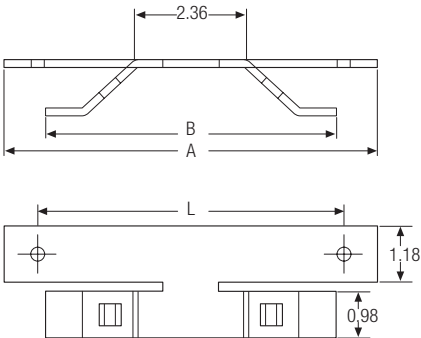


Catalog number	E	F
EN0105K	3.74	3.62
EN0150K	5.16	4.92
EN0204K	7.28	6.97

Floor



Pole installation kit



Size	A	B	L
1	9.13	8.11	7.72
2	14.09	13.07	12.60
3	14.09	13.07	12.60
4	19.01	17.99	17.60
5	19.01	17.99	17.60
6	28.86	27.83	27.44

Note: Minimum diameter of the pole = 5.90"

Measurements are expressed in inches.

Notes

3

Notes section with horizontal dotted lines for writing.

Notes section with horizontal dotted lines for writing.

Contact us

ABB

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1SXU804003C0201, March 2017

