

# Product note

## SR2 series

### Metal enclosures for automation and distribution

The range of SR2 enclosures is a complete offer of monobloc metal enclosures for constructing small and medium-sized electric switchboards, in particular for control and command or small distribution: their typical use is as an on-board machine switchboard, thermal power station switchboard, pump control switchboard, and others.



#### Construction characteristics

The construction characteristics of the series guarantee practical installation and versatility, as well as highly technical features, such as the IP65 degree of protection.

The enclosure structure is fitted with two ample cable entry flanges (one for the top and one for the bottom side) so that the whole enclosure is made reversible, offering the possibility of having door opening either on the right or left.

The apparatus can be installed either on a blind or slotted back plate or on a DIN rail combined with the various hinged modular panels.

#### Range

The range is available in two versions with blind or glass door and is divided into 23 different dimensions: from H=300 to 1200 mm, W=200 to 800 mm and D=150 to 300 mm.




Some dimensions can also be stacked vertically, allowing two switchboard sections completely separate from each other to be made inside a single structure.

The enclosures can be installed either on the wall using special brackets, or on the floor using a plinth h=100 mm.

All the products in the range conform to the national and international standards in force, and in particular with the CEI EN 61439-1 and 2 Standard and have IP65 and TYPE 12 (UL Standard) degree of

protection. The mechanical impact rating is IK10 for the version with blind door and IK09 for the version with glass door.

#### Technical characteristics

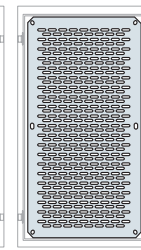
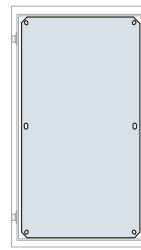
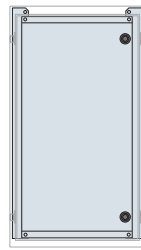
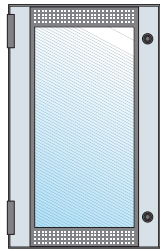
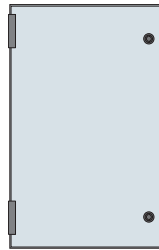
Conformity with	CEI EN 62208, CEI EN 60439-1, IEC61439-1-2
Degree of protection	IP65 (CEI EN 60529) - TYPE 12 (Normativa UL)
Mechanical impact rating	IK10 blind door IK09 glass door (IEC 62262)
Certifications	  
Type of metal	material
Installation site	indoor
Fixing method	wall/floor
Normal service conditions - ambient temperature	from -5 to +40 °C
Atmospheric conditions - relative humidity	50% at 40 °C 90% at 20 °C

For further information, please consult the "General Catalogue. Switchboards for automation" technical catalogue (cod. 1STC804013D0902).

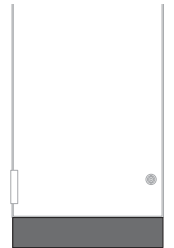
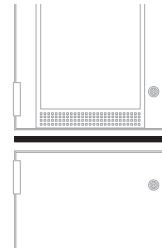
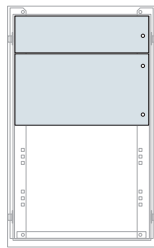
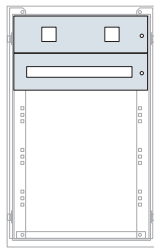
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### Selection table



Overall dimensions			Enclosure with blind door	Enclosure with glass door	Components for automation			Frame for DIN rail		
H [mm]	W [mm]	D [mm]	Enclosure with blind door (with mounting plate)	Enclosure with glass door (without mounting plate)	IP20 Blind counterdoor	Blind mounting plate	Slotted mounting plate	N° vertical modules H=185mm	N° DIN modules per row	Total installable modules
300	200	150	SRN3215K				TQ3020			
	300		SRN3315K				TQ3030			
	400		SRN3415K				TQ3040			
400	300	150	SRN4315K				TQ4030			
	300		SRN4320K				TQ4040			
	400	200	SRN4420K				TQ4060			
	600		SRN4620K				TQ5030			
500	300	200	SRN5320K				TQ5040			
	400		SRN5420K	SRN5420VK						
	400	250	SRN5425K	SRN5425VK	KC5040K	PF5040		2	14	28
600	400	200	SRN6420K	SRN6420VK						
	400		SRN6425K	SRN6425VK	KC6040K	PF6040		3	14	42
	600	250	SRN6625K			PF6060				
700	500	200	SRN7520K	SRN7520VK						
	500		SRN7525K	SRN7525VK	KC7050K	PF7050				
800	600	250	SRN8625K	SRN8625VK						
	600		SRN8630K	SRN8630VK	KC8060K	PF8060		4	25	100
	800	300	SRN8830K			PF8080				
1000	600	250	SRN10625K	SRN10625VK						
	600		SRN10630K	SRN10630VK	KC1060K	PF1060		5	25	125
	800	300	SRN10830K	SRN10830VK	KC1080K	PF1080			36	180
1200	600	300	SRN12630K	SRN12630VK	KC1260K	PF1260			25	150
	800		SRN12830K	SRN12830VK	KC1280K	PF1280		6	36	216



Components for distribution				
Functional frame for mounting the modular components	DIN rail Kit	Hinged panels for measuring instruments	Modular panels	
	Hinged panel + DIN rail and fixing brackets		Blind hinged panels	
			H=185mm	H=370mm
KD5040	PM1414K	PS2476K	PC1406K	
KD6040	PM1414K	PS2476K	PC1406K	PC2606K
KD8060	PM1625K	PS2676K	PC1606K	
KD1060	PM1625K	PS2676K	PC1606K	PC2606K
KD1080	PM1836K	PS2876K	PC1806K	PC2806K
KD1260	PM1625K	PS2676K	PC1606K	PC2606K
KD1280	PM1836K	PS2876K	PC1806K	PC2806K

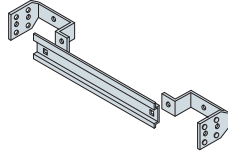
Accessories for stacking possibility	
IP65 gasket	Plinth
GZ4020	ZA4020
GZ4020	ZA4020
GZ4025	ZA4025
GZ4020	ZA4020
GZ4025	ZA4025
GZ6025	ZA6025
GZ6025	ZA6025
GZ6030	ZA6030
GZ8030	ZA8030
GZ6025	ZA6025
GZ6030	ZA6030
GZ8030	ZA8030
GZ6030	ZA6030
GZ8030	ZA8030

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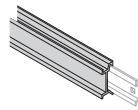
### Accessories

#### DIN rail and fixing brackets



Code	Description	Dimensions mm (W)
GD4006	DIN rail and fixing brackets (14 mod.)	400
GD6006	DIN rail and fixing brackets (25 mod.)	600
GD8006	DIN rail and fixing brackets (36 mod.)	800

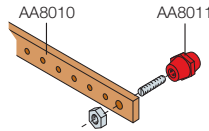
#### Depth adapter



Code	Description	Dimensions mm (W)
AP6001	Depth adapter for Tmax XT1-XT2-XT3	600

#### Neutral or earthing busbars

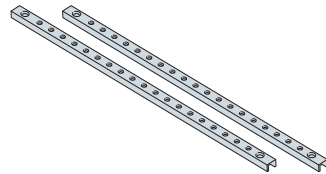
The busbars, made of electrolytic copper with M6 threaded holes with 25 mm pitch, can be mounted on the back plates by means of special supports. They must be sized according to the enclosure and their installation position.



Code	Description	Dimensions mm (W)
AA8010	N°4 busbars cross-sect. 20x5 mm	1000
AA8011	N°5 busbar supports	

#### Sections for accessories

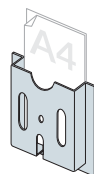
These allow accessories to be fixed (e.g. wiring ducts) inside the blind doors. They consist of a pair of white galvanized sheet vertical crosspieces 15/10 thick pre-drilled with 25 mm pitch. In the 1000 and 1200 mm high enclosures with blind door, the sections are already provided.



Code	Description	Dimensions mm (W)
TS6009	N°2 sections for door	600
TS7009	N°2 sections for door	700
TS8009	N°2 sections for door	800

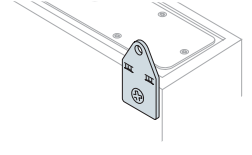
#### Diagram pockets

Made of plastic, grey RAL 7035 colour, size A4. The pocket can be applied inside the blind doors with width higher than 400 mm, by means of the adhesive provided.



Code	Description
EV1075K	Plastic diagram pockets for A4

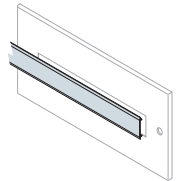
#### Brackets for wall fixing



These allow wall installation of the enclosures and are mounted using the special holes located on the rear of the enclosures. Made of 25/10 thick steel sheet and treated with white galvanization.

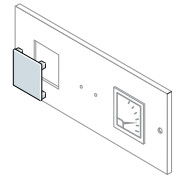
Code	Description
AA1206	N°4 Brackets for wall fixing

#### Hole-covering strip



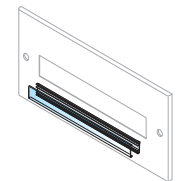
Code	Description
AD1086	N°10 slit covers W=2000 mm grey RAL 7035 colour
AD1088	N°3 slit covers DIN 24 modules grey RAL 7035 colour
AD1089	N°3 slit covers DIN 36 modules grey RAL 7035 colour

#### Closing caps for instrument panels



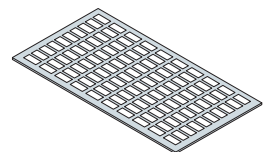
Code	Description
EV1135	N°10 closing caps for 72x72 mm instrument panel
EV1136	N°5 closing caps for 96x96 mm instrument panel

#### Adhesive label holder



Code	Description	Dimensions mm (W)
EH2118	N°20 label holders 18 DIN mod.	325
EH2129	N°20 label holders 29 DIN mod.	525
AD1600	N°20 label holders 24 DIN mod.	432
AD1800	N°20 label holders 36 DIN mod.	634

#### Labels



Code	Description
AD1101 <sup>(2)</sup>	N°288 labels 1 DIN mod.
AD1102 <sup>(2)</sup>	N°192 labels 2 DIN mod.
AD1103 <sup>(2)</sup>	N°96 labels 3 DIN mod.
AD1104 <sup>(2)</sup>	N°96 labels 4 DIN mod.

<sup>(2)</sup> Labels writable using compatible Grafoplast system



# Contact us

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