

Part no. Article no.

CS-2520/150 111646



Delivery program

Product range			Wall-mounting housing CS
Product function			Wall-mounting housing with mounting plate
Degree of Protection			IP66 IP23 (with ventilating plates)
Description			Foamed polyurethane sealing throughout. Impact resistance category IK09 to EN 62262. Sheet steel mounting plate Bottom plate with foamed gasket. Single door, door stop on the right, door opening angle 120° Door hinge pins with quick change technology. Standardized locking system with sash fastener. Powder coating RAL 7035 inside and outside
Material			Steel plate
Dimensions			
Width		mm	200
Height		mm	250
Depth		mm	150
Locks	Number		1
Hinges	Number		2
Door profile molding	Number		1
Flange plates	Width x Depth	mm	112 x 182
Max. F3A flanges	Number		-
Mounting plates			
Height		mm	220
Width		mm	150
Weight		kg	3.4
Information about equipment supplied			Lock, 3 mm double ward key Including M6 threaded welded studs for earth conductor connections in the door

Technical data General

General			
Standards			IEC/EN 60529, IEC 62262, IEC/EN 62208
RoHS			In accordance with Directive 2002/95/EC of the European Parliament and Council
RoHS (in accordance with Directive 2002/95/EC of the European Parliament and Council) $% \left(\mathcal{L}^{2}\right) =\left(\mathcal{L}^{2}\right) \left(\mathcal{L}^{$			yes
Climatic proofing			Damp heat, constant, to IEC 60068-2-78; Damp heat, cyclical, to IEC 60068-2-30
Ambient temperature		°C	-40 - +70
Degree of Protection			IP66 IP23 (with ventilating plates)
Installation conditions			Indoor-/outdoor installation
Power loss			
			Power loss P_v [W] for fully enclosed sheet steel enclosure CS without internal partitions for wall mounting. Example: max. ambient temperature 35°C; Overtemperature $\Delta T = 20$ K; Relative humidity = 75%.
Max. heat dissipation			
Individual enclosure for wall mounting	P _V	W	11
Starting enclosure for wall mounting	P _V	W	10
Middle enclosure for wall mounting	P _V	W	9
Material characteristics			
Material			Steel plate
Surface treatment			Structured powder spray polyester based paint finish
Surface finish			Semi-textured
Colour			light gray (RAL 7035)

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Door Image:	Body		mm	1.2
Bottom plate mm 1.3 Bottom plate Mechanical Mechanical <td< td=""><td>Mounting plate</td><td></td><td>mm</td><td>2</td></td<>	Mounting plate		mm	2
Material properties Machanical Image of resistance <	Door		mm	1
Mechanical Impact resistance Impact resistance <thr< td=""><td>Bottom plate</td><td></td><td>mm</td><td>1.5</td></thr<>	Bottom plate		mm	1.5
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Description/standard features 500 kg payload, when brackets fitted in all four enclosure corners (vertically or horizontally) and the weights are symmetrically distributed within the enclosure. Construction Image: Construction is iside the enclosure. Back plate Image: Construction is iside the enclosure. Top plate Image: Construction is iside the enclosure. Bottom plate Image: Construction is iside the enclosure. Door, Engineering Image: Construction is iside the enclosure. Information about equipment supplied Image: Construction is iside the enclosure. Door hinges Image: Construction is iside the enclosure. Type Door Image: Construction is iside the enclosure. Door interfock Image: Con	Mounting plate		kg	125
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Information about equipment supplied Information about equipment	Mounting plate, material			Sheet steel, hot-galvanized
Including M6 threaded welded studs for earth conductor connections in the doorIncluding M6 threaded welded studs for earth conductor connections in the doorIncluding M6 threaded welded studs for earth conductor connections in the doorIncluding M6 threaded welded studs for earth conductor connections in the doorIncluding M6 threaded welded studs for earth conductor connections in the doorIncluding M6 threaded welded studs for earth conductor connections in the doorIncluding M6 threaded welded studs for earth conductor connections in the doorIncluding M6 threaded welded studs for earth conductor connections in the doorIncluding M6 threaded welded studs for earth conductor connections in the doorIncluding M6 threaded welded studs for earth conductor connections in the doorIncluding M6 threaded welded studs for earth conductor connections in the doorIncluding M6 threaded welded studs for earth conductor connections in the doorIncluding M6 threaded welded studs for earth conductor connections in the doorIncluding M6 threaded welded studs for earth conductor connections in the doorIncluding M6 threaded welded studs for earth conductorIncluding M6 threaded welded studs for	Door, Engineering			Including M6 threaded welded studs for earth conductor connections in the door:
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door opening angle 120° Door interlock Protection insulated turn-buckle Standard closure 3 mm double-ward key	Door hinges			On the right, can be converted by user
Door interlock Protection insulated turn-buckle Standard closure 3 mm double-ward key	Type Door			
Standard closure 3 mm double-ward key	door opening angle			120°
Locks Number 1	Door interlock			
	Locks	Number		1

Design verification as per IEC/EN 61439

Technical data for design verification			
Heat dissipation, at an ambient temperature of 35°C, delta T: 20 degrees, calculated as per IEC 60890			
Individual enclosure for wall mounting	Pv	C0	13
Starting enclosure for wall mounting	P _V	C0	12
Middle enclosure for wall mounting	P _V	C0	11
Heat dissipation, at an ambient temperature of 35°C, delta T: 35 degrees, calculated as per IEC 60890			
Individual enclosure for wall mounting	P _V	C0	25
Starting enclosure for wall mounting	P _V	C0	23
Middle enclosure for wall mounting	P _V	C0	21
IEC/EN 61439 design verification			
10.2 Strength of materials and parts			
10.2.2 Corrosion resistance			Meets the product standard's requirements.
10.2.3.1 Verification of thermal stability of enclosures			Meets the product standard's requirements.
10.2.3.2 Verification of resistance of insulating materials to normal heat			Meets the product standard's requirements.
10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects			Meets the product standard's requirements.
10.2.4 Resistance to ultra-violet (UV) radiation			Meets the product standard's requirements.
10.2.5 Lifting			Does not apply to enclosures without lifting aids.

10.2.6 Mechanical impact	IK09
10.2.7 Inscriptions	Meets the product standard's requirements.
10.3 Degree of protection of ASSEMBLIES	IP66_x
10.4 Clearances and creepage distances	Is the panel builder's responsibility.
10.5 Protection against electric shock	$<$ 0.1 $\Omega;$ meets the product standard's requirements.
10.6 Incorporation of switching devices and components	Is the panel builder's responsibility.
10.7 Internal electrical circuits and connections	Is the panel builder's responsibility.
10.8 Connections for external conductors	Is the panel builder's responsibility.
10.9 Insulation properties	
10.9.2 Power-frequency electric strength	U _i = 1000 V AC
10.9.3 Impulse withstand voltage	Does not apply to basic enclosures as defined in EN 62208.
10.9.4 Testing of enclosures made of insulating material	Does not apply to metal enclosures.
10.10 Temperature rise	The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
10.11 Short-circuit rating	Is the panel builder's responsibility.
10.12 Electromagnetic compatibility	Is the panel builder's responsibility.
10.13 Mechanical function	Meets the product standard's requirements.

Approvals	
Product Standards	UL 508A; CSA-C22.2 No.14; IEC/EN 60529; CE marking
UL File No.	E336299
UL Category Control No.	NITW
CSA File No.	-
CSA Class No.	-
North America Certification	Request filed for CSA
Conditions of Acceptability	Series CS may be provided with metal sub-panel. No back mounted components are allowed between sub-panel and the back sheet metal enclosure
Specially designed for North America	No
Suitable for	Industrial Control Panels
Degree of Protection	IEC: IP66, indoor and outdoor; UL/CSA Types 1, 12, indoor only.

Dimensions

Dimensions

Additional product information (links)

 AWA4300-2521 CS wall-mounted sheet steel enclosures with mounting plate

 AWA4300-2521 CS wall-mounted sheet steel enclosures with mounting plate

 Declaration of conformity
 http://intranet.moeller.net/technik_daten/file/produkt_deklarationen/file/konformitaeten/00002/00002259.pdf