

Part no. Article no. CS-108/300 111715



Delivery program

Product function Image: Product function Peee Protection Peee Protection Description Image: Product function Peee Protection Description Image: Product function Peee Product function Material Peee Product function Peee Product function Dimensions Peee Product function Peee Product function Width Image: Product function Peee Product function Material Peee Product function Peee Product function Dimensions Image: Product function Peee Product function Midth Image: Product function Peee Product function Midth Image: Product function Peee Product function Dimensions Number Image: Product function Midth Image: Product function Peee Product function Integer Number Image: Product function Integer Image: Product function Image: Product function Dimensions Number Image: Product function Integer Number Image: Product function Integer Number Image: Product function Integer Image: Product function Image: Product function Integer Number Image: Product function Mounting plates				
Description F66 Description P66 Description F66 Powder Coating RAL 7055 inside an outside Width F66 Number F66 Powder Coating RAL 7055 inside and outside Number F66 Powder Coating RAL 7055 inside and outside Description F61 F66 Number F67	Product range			Wall-mounting housing CS
Description P23 (with ventilating plates) Description Field or and polyurethane sealing throuphout, impact resistance actegory (KB9 to EN 6262, sheet steel mounting plate station plate with foraned gasket, Single door door stop on the right, door opening angle 120° sheet steel mounting plate station plate with foramed gasket, Single door door stop on the right, door opening angle 120° sheet steel mounting plate with foramed gasket, Single door door stop on the right, door opening angle 120° sheet steel mounting plate with foramed gasket, Single door door stop on the right, door opening angle 120° sheet steel mounting plate with foramed gasket, Single door door stop on the right, door opening angle 120° sheet steel mounting plate with foramed gasket, Single door stop on the right, door opening angle 120° sheet steel mounting plate with foramed gasket, Single door door stop on the right, door opening angle 120° sheet steel mounting plate with foramed gasket. Muterial Image: Termine Steel Mounting Plates Steel plate Width Munter 10 - 100 Poor profile molding Number 13 - 100 Hanges Number 12 - 120 Mounting plates Width X Degree 12 - 732 Mounting plates Ymmer 12 - 732 Height Munter 10 - 100 Height Munter 12 - 100 Muntering plates Muntering Plates 12 - 100 Width Muntering 12 - 100	Product function			Wall-mounting housing with mounting plate
Image: teststance category iKost EN 62282. wisses with some dasket. Single door, door sop on the right, door opening angle 120° book image pris with duok change technology. Standardized locking system with sash fastener. Material Material Wet Partice pris with duok change technology. Standardized locking system with sash fastener. Midth Material Material Wet Partice pris with duok change technology. Midth Material Material Standardized locking system with sash fastener. Midth Material Material Standardized locking system with sash fastener. Midth Material Material Material Midth Material Material Material Depth Material Material Material Locks Number 1(3-point) 1(3-point) Hage plates Number 12/27/32 1(3-point) Material Material 12/27/32 1(3-point) Hage plates Number 12/27/32 1(3-point) Material Material 12/27/32 1(3-point) Midth Material	Degree of Protection			
Dimensions Image	Description			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.
Width Imm 80 Height mm 100 Depth mm 30 Locks Number 1 (3-point) Door profile molding Number 3 Flange plates Number 2 Moutting plates Number 12 x 732 Moutting plates Number 3 Width mm 90 Width Mumber 12 x 732 Moutting plates Number 3 Width mm 90 Width mm 90 Width mm 50 Mutting plates mm 50 Width	Material			Steel plate
Height mm 100 Depth mm 30 Locks Number 1(3-point) Hinges Number 3 Door profile molding Number 3 Hage plates Width X Dept mm 12 x 732 Mounting plates Number 3 Height Number 3 Width Number 12 x 732 Mounting plates Number 3 Width mm 90 Width mm 5 Width mm 50 Width mm 50 Width mm 50 Width mm 50.1 Wight fange plates 50.1	Dimensions			
Depth mm 30 Locks Number 1(3-point) Hinges Number 3 Door profile molding Number 3 Flange plates Number 12x 732 Mounting plates Number 3 Height Number 10 Width Appert man 72x 732 Mounting plates Mumber 90 Width mm 90 Width mm 50 Width mm 50 Wight Kg 50 Information about equipment supplied Kg 50	Width		mm	800
Lock Number 2016 Hinges Number 2017 Door profile molding Number 2017 Hange plates Number 2017 Max. F3A flanges Number 2017 Height Height Number 2017 Width 2017 Mounting plates Number 2017 Height Number 2017 Mounting plates Number 2017 Number 2017	Height		mm	1000
Hinges Number 3 Door profile molding Number 2 Flange plates Width x Dept mm 12 x 732 Max. F3A flanges Number 3 Mounting plates Number 3 Height Mm 90 Width X mm 90 Width mm 50 Width mm 50 Width mm 50 Mounting plates mm 50	Depth		mm	300
Number Number 2 Flange plates Width x Depth mm 172 x 732 Max. F3A flanges Number 3 Mounting plates Number 4 Height nm 90 Width A mm 50 Width s 50 Width kg 50 Information about equipment supplied cx, 3 mm double ward key	Locks	Number		1 (3-point)
Flange plates Width x Depth mm 172 x 732 Max. F3A flanges Number 3 Mounting plates mm 970 Width X mm 750 Weight kg 6.1 Information about equipment supplied Lock, 3 mm double ward key	Hinges	Number		3
Max. F3A flanges Number Aumber Mounting plates Max Max Height mm 970 Width mm 750 Information about equipment supplied kg 56.1	Door profile molding	Number		2
Mounting plates mm 970 Height mm 970 Width mm 750 Weight kg 56.1 Information about equipment supplied Lock, 3 mm double ward key	Flange plates	Width x Depth	mm	172 x 732
Height mm 970 Width mm 750 Weight kg 56.1 Information about equipment supplied Lock, 3 mm double ward key	Max. F3A flanges	Number		3
Width mm 750 Weight kg 56.1 Information about equipment supplied Lock, 3 mm double ward key	Mounting plates			
Weight kg 56.1 Information about equipment supplied Lock, 3 mm double ward key	Height		mm	970
Information about equipment supplied Lock, 3 mm double ward key	Width		mm	750
	Weight		kg	56.1
	Information about equipment supplied			

Technical data

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) $\label{eq:council}$			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 ΔT = 20 K; Relative humidity = 75%.
Max. heat dissipation			
Individual enclosure for wall mounting	P _V	W	121
Starting enclosure for wall mounting	P _V	W	113
Middle enclosure for wall mounting	Pv	W	106
Material characteristics			
Material			Steel plate
Surface treatment			Structured powder spray polyester based paint finish
Surface finish			Semi-textured

Colour			light gray (RAL 7035)
Finish			Gloss
Material thickness		mm	
Body		mm	1.5
Mounting plate		mm	3
Door		mm	2
Bottom plate		mm	1.5
Material properties			
Mechanical			
Impact resistance			IK09 according to EN 62262
max. assembly weights			
Total of Weight of fitted components		kg	390
Mounting plate		kg	350
Door		kg	40
			500 kg payload, when brackets fitted in all four enclosure corners (vertically or horizontally) and the weights are symmetrically distributed within the enclosure.
Description/standard features			
Construction			Canted and seam welded, including two M6 threaded bolts for earth conductor connections inside the enclosure.
Back plate			9 mm drilling dimensions for wall mounting
Side plates			Without apertures
Top plate			Without apertures
Bottom plate			Enclosed, foamed gasket, can be unscrewed for F3A- \ldots flanges or for assembly by user
Mounting plate, material			Sheet steel, hot-galvanized
Door, Engineering			Including M6 threaded welded studs for earth conductor connections in the door:
Information about equipment supplied			Lock, 3 mm double ward key Including M6 threaded welded studs for earth conductor connections in the door
			If electrical apparatus is to be installed in the door, a continuous, permanent protective ground contactor connection must be established with a protective ground cable. The threaded welded studs on the door and on the cabinet side wall must be used as connecting points for the ground leads.
Door hinges			On the right, can be converted by user
Type Door			Door hinges right can be converted by user
door opening angle			120°
Door interlock			Protection insulated turn-buckle Standard closure 3 mm double-ward key
Locks	Number		1 (3-point)

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	P _V	CO	100
Starting enclosure for wall mounting	P _V	C0	94
Middle enclosure for wall mounting	P _V	C0	90
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	CO	201
Starting enclosure for wall mounting	P _V	C0	189
Middle enclosure for wall mounting	P _V	C0	180
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	Dece not apply to apploauroe without lifting side
	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 Ω ; 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

UL 508A; CSA-C22.2 No.14; IEC/EN 60529; CE marking
E336299
NITW
-
-
Request filed for CSA
Series CS may be provided with metal sub-panel. No back mounted components are allowed between sub-panel and the back sheet metal enclosure
No
Industrial Control Panels
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
 ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/25210414.pdf

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