DATASHEET - CS-66/300

Wall enclosure with mounting plate, HxWxD=600x600x300mm



Part no.	CS-66/300
Catalog No.	111700
EL-Nummer	2466124

(Norway)

Delivery program

Derivery 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	600
Height		mm	600
Depth		mm	300
Locks	Number		2
Hinges	Number		2
Door profile molding	Number		2
Flange plates	Width x Depth	mm	172 x 532
Max. F3A flanges	Number		2
Mounting plates			
Height		mm	570
Width		mm	550
Weight		kg	24.5
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			
Standards			IEC/EN 62208
RoHS			in accordance with Directive 2015/863/EU 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	-25 - +40
Degree of Protection			IP66 IP23 (with ventilating plates)
Installation conditions			Indoor 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	65
Starting enclosure for wall mounting	P _V	W	61
Middle enclosure for wall mounting	P _V	W	57
Material characteristics			
Material			Steel plate
Surface treatment			Structured powder spray polyester based paint finish

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door opening angle Image: Constraint of the second opening angle Door interlock Image: Constraint opening angle	Door hinges			On the right, can be converted by user
Door interlock Image: Standard closure 3 mm double-ward key	Type Door			closed
	door opening angle			120°
Locks Number 2	Door interlock			Standard closure 3 mm double-ward key
	Locks	Number		2

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 in top of the enclosure, calculated as per IEC 60890			
Individual enclosure for wall mounting	P _V	W	65
Starting enclosure for wall mounting	PV	W	61
Middle enclosure for wall mounting	P _V	W	57
Heat dissipation, at an ambient temperature of 35°C, delta T: 35 degrees in top of the enclosure, calculated as per IEC 60890			
Individual enclosure for wall mounting	P _V	W	131
Starting enclosure for wall mounting	P _V	W	123
Middle enclosure for wall mounting	P _V	W	115
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
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.

Technical data ETIM 8.0

Cabinet enclosures (EG000011) / Enclosure/cabinet (empty) (EC000261)

Cabinet enclosures (EG000011) / Enclosure/cabinet (empty) (EC000261)			
Electric engineering, automation, process control engineering / Electrical cabi	net, housing, rack /	Electrica	al cabinet (empty) / Electrical cabinet (ecl@ss10.0.1-27-18-01-01 [AGZ056016])
Width		mm	600
Height		mm	600
Depth		mm	300
Material			Steel
Material quality			Other
Surface finishing			Powder coating
Colour			Grey
RAL-number			7035
Detached			No
Floor standing wall model			Yes
Suitable for wall mounting			Yes
Corner model			No
Intermediate mounting			Yes
Connectable			No
With mounting plate			Yes
Mounting plate depth-adjustable			No
Suitable for wall built-in			Yes
Pole fastening			Yes
Number of doors			1
Number of locks			2
Suitable for metrical mounting			Yes
Suitable for outdoor set-up			No
Pitched roof			No
EMC-version			No
With glazed door			No
With ventilation door			No
With backside door			No
Impact strength			IK09
Degree of protection (IP)			IP66
Degree of protection (NEMA)			12
Thermal dissipation (Delta T = 20 K) according to IEC/TR 60890		W	65
Max. permissible load of the enclosure according to IEC 62208		Ν	2750
Max. permissible load of the door(s) according to IEC 62208		Ν	250
Max. permissible load of the mounting plate according to IEC 62208		Ν	2500