DATASHEET - BP-MN-800/12/1,75



Standard-compliant "mask" distribution board, $WxHxD = 773 \times 1200 \times 175$



Part no. BP-MN-800/12/1,75

Catalog No. 119205

EL-Nummer (Norway) 0002460737

Design verification as per IEC/EN 61439

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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}	CO	76
Starting enclosure for wall mounting	P_{V}	CO	74
Middle enclosure for wall mounting	P_{V}	CO	72
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	CO	152
Starting enclosure for wall mounting	P_{V}	CO	147
Middle enclosure for wall mounting	P_V	CO	144
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			Not relevant to indoor installations.
10.2.5 Lifting			Does not apply to enclosures without lifting aids.
10.2.6 Mechanical impact			IK07
10.2.7 Inscriptions			Meets the product standard's requirements.
10.3 Degree of protection of ASSEMBLIES			IP30
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 = 440 V AC
10.9.3 Impulse withstand voltage			4 kV
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 7.0

Cabinet enclosures (EG000011) / Enclosure/switchgear cabinet (empty) (EC000261)					
Electric engineering, automation, process control engineering / Electrical cabinet, housing, rack / Electrical cabinet (empty) / Electrical cabinet (ecl@ss10.0.1-27-18-01-01 [AGZ056016])					
Width	mm	n 7	773		
Height	mm	n 1	150		
Depth	mm	n 1	75		
Material		S	Steel		
Material quality		0	Other		

Solour Grey AL number 7035 Vith mounting plate No Journal plate depth-adjustable No Journal plate depth-adjustable No Journal plate depth-adjustable Yes Vall fastening possible No Vall fastening possible No Vall build in No Vall build in No Vall fastening No <th></th> <th></th>		
AL number 7035 Vict mounting plate No All mumber of locks No door installation possible Yes Vall fastening possible No Vall fastening for side (and in the possible) No Vall build in No Victoria in muniting in mun	Surface finishing	Powder coating
With mounting plate No Mounting plate depth-adjustable No Mounting plate depth-adjustable No Mounting plate depth-adjustable Common possible Wall fastening possible Yes Wall fastening possible No Wall build in No Vale fastening No Victorial from the fastening	Colour	Grey
Adunting plate depth-adjustable No Adunting plate depth-adjustable Control of Contr	RAL-number	7035
Aumber of locks 0 Boor installation possible Yes Wall fastening possible No Wall build in No Pole fastening No Pole fastening No Aumber of doors 0 Suitable for metrical mounting No Pole for outdoor set-up No Pole Certified roof No EMC-version No With glazed door No With ventilation door No With ventilation door No With backside door No Inspect strength Ko8 Jegree of protection (IP) IKO8	With mounting plate	No
Floor installation possible Vall fastening possible Vall build in No Vall build in Vall build in No No No No No No No No No N	Mounting plate depth-adjustable	No
Wall fastening possible No Wall build in No Pole fastening No Fackable Yes Number of doors 0 Suitable for metrical mounting No Suitable for outdoor set-up No Pitched roof No EMC-version No Vith glazed door No Vith ventilation door No Vith backside door No Inpact strength IK08 Degree of protection (IP) IP30	Number of locks	0
Vall build in No	Floor installation possible	Yes
Pole fastening Pole f	Wall fastening possible	No
Yes Number of doors Number of	Wall build in	No
No Suitable for metrical mounting No	Pole fastening	No
Suitable for metrical mounting Suitable for outdoor set-up No Pitched roof MC-version No With glazed door No With ventilation door With backside door Mothers strength Degree of protection (IP) No	Tackable	Yes
Suitable for outdoor set-up No Pitched roof No MC-version No With glazed door No With ventilation door With backside door No mpact strength Degree of protection (IP) No	Number of doors	0
Pitched roof MC-version No With glazed door With ventilation door With backside door No mpact strength Degree of protection (IP) No	Suitable for metrical mounting	No
MC-version Mo With glazed door With ventilation door With backside door Mo mpact strength Degree of protection (IP) No No IRO8 IRO8 IRO8 IRO8 IRO8	Suitable for outdoor set-up	No
Vith glazed door Vith ventilation door Vith backside door No mpact strength Degree of protection (IP) No No INO IP30	Pitched roof	No
Vith ventilation door No Vith backside door No Impact strength IK08 Degree of protection (IP) IP30	EMC-version	No
No mpact strength IK08 Degree of protection (IP) No IP30	With glazed door	No
mpact strength IK08 Degree of protection (IP) IP30	With ventilation door	No
Degree of protection (IP)	With backside door	No
	Impact strength	IK08
Degree of protection (NEMA)	Degree of protection (IP)	IP30
	Degree of protection (NEMA)	