## **DATASHEET - BP-MN-1000/15/1,75**



Standard-compliant "mask" distribution board,  $WxHxD = 973 \times 1500 \times 175$ 



Part no. BP-MN-1000/15/1,75

Catalog No. 119211

**EL-Nummer** 0002460743

(Norway)

## **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	130
Starting enclosure for wall mounting	$P_V$	CO	127
Middle enclosure for wall mounting	$P_V$	CO	126
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	260
Starting enclosure for wall mounting	$P_V$	CO	255
Middle enclosure for wall mounting	$P_V$	CO	252
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			$U_i = 440 \text{ V AC}$
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	973		
Height	mm	1450		
Depth	mm	175		
Material		Steel		
Material quality		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 flastening 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  Vall build i	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)	