DATASHEET - BPM-O-1200/12-P-IVS

Wall-mounting housing, IVS, IP55 with rotary lever

Part no. BPM-O-1200/12-P-IVS
Catalog No. 131556

Powering Business Worldwide™

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	CO	191
Starting enclosure for wall mounting	P_V	CO	183
Middle enclosure for wall mounting	P_V	CO	177
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	383
Starting enclosure for wall mounting	P_V	CO	367
Middle enclosure for wall mounting	P_V	CO	356
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			IK10
10.2.7 Inscriptions			Meets the product standard's requirements.
10.3 Degree of protection of ASSEMBLIES			IP55
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 = 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	1200
Height		mm	1260
Depth		mm	270
Material			Steel
Material quality			
Surface finishing			Powder coating

Colour	Grey
RAL-number	7035
With mounting plate	No
Mounting plate depth-adjustable	No
Number of locks	0
Floor installation possible	Yes
Wall fastening possible	Yes
Wall build in	No
Pole fastening	No
Tackable	No
Number of doors	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	IK10
Degree of protection (IP)	IP55
Degree of protection (NEMA)	

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