DATASHEET - BPM-F-1000/20-P

Floor-standing distribution board with locking rotary lever, IP55, HxWxD=2060x1000x320mm

Part no.	**BPM-F-1000/20-P**
Catalog No.	**111054**
EL-Nummer (Norway)	**2459506**

Delivery program

Mounting type			Floor standing distribution board
Material			Sheet steel
Door interlock			Rotary lever
Installation site			Moisture-proof
Degree of Protection			IP55
Surface finish			With powder coating
Width		mm	1000
Depth		mm	320
Height		mm	2060
Colour			light gray (RAL 7035)

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, free-standing	P_V	W	259
Starting enclosure, free-standing	P_V	W	252
Middle enclosure, free-standing	P_V	W	243
Individual enclosure for wall mounting	P_V	W	229
Starting enclosure for wall mounting	P_V	W	223
Middle enclosure for wall mounting	P_V	W	219
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, free-standing	P_V	W	519
Starting enclosure, free-standing	P_V	W	506
Middle enclosure, free-standing	P_V	W	487
Individual enclosure for wall mounting	P_V	W	459
Starting enclosure for wall mounting	P_V	W	447
Middle enclosure for wall mounting	P_V	W	438
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			Met; assembled and secured as per the latest applicable instruction leaflet.
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	1000
Height		mm	2060
Depth		mm	320
Material			Steel
Material quality			Other
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			No
Wall build in			No
Pole fastening			No
Tackable			Yes
Number of doors			2
Suitable for metrical mounting			No
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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