DATASHEET - BPM-F-1000/20

Floor-standing distribution board with double-bit lock, IP55, HxWxD=2060x1000x320mm

Part no.	**BPM-F-1000/20**
Catalog No.	**111044**
EL-Nummer (Norway)	**0002459496**

EAT•N
Powering Business Worldwide™

Delivery program

Mounting type		Floor standing distribution board
Material		Sheet steel
Door interlock		Double-ward lock
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)		