



**Floor-standing distribution board with double-bit lock, IP55,
HxWxD=2060x800x320mm**

Part no. BPM-F-800/20
Catalog No. 111042

EL-Nummer 0002459494
(Norway)

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	800
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	214
Starting enclosure, free-standing	P _V	W	206
Middle enclosure, free-standing	P _V	W	199
Individual enclosure for wall mounting	P _V	W	195
Starting enclosure for wall mounting	P _V	W	190
Middle enclosure for wall mounting	P _V	W	183
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	428
Starting enclosure, free-standing	P _V	W	413
Middle enclosure, free-standing	P _V	W	400
Individual enclosure for wall mounting	P _V	W	391
Starting enclosure for wall mounting	P _V	W	382
Middle enclosure for wall mounting	P _V	W	368
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		$U_i = 440 \text{ V AC}$
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	800	
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		1	
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)			