



**Floor standing distribution board, flexible surface mounting, W = 1000 mm, H = 2060 mm, D = 250 mm**

**Part no. BP-F-1000/20/2,5-F**  
**Article no. 120757**

## Delivery programme

Mounting type			Floor standing distribution board
Width		mm	1000
Height		mm	2060
Installation site			Indoor
Degree of Protection			IP30

## 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, calculated as per IEC 60890			
Individual enclosure, free-standing	P <sub>V</sub>	CO	233
Starting enclosure, free-standing	P <sub>V</sub>	CO	227
Middle enclosure, free-standing	P <sub>V</sub>	CO	221
Individual enclosure for wall mounting	P <sub>V</sub>	CO	205
Starting enclosure for wall mounting	P <sub>V</sub>	CO	201
Middle enclosure for wall mounting	P <sub>V</sub>	CO	200
Heat dissipation, at an ambient temperature of 35°C, delta T: 35 degrees, calculated as per IEC 60890			
Individual enclosure, free-standing	P <sub>V</sub>	CO	468
Starting enclosure, free-standing	P <sub>V</sub>	CO	455
Middle enclosure, free-standing	P <sub>V</sub>	CO	443
Individual enclosure for wall mounting	P <sub>V</sub>	CO	410
Starting enclosure for wall mounting	P <sub>V</sub>	CO	404
Middle enclosure for wall mounting	P <sub>V</sub>	CO	401
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			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 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 6.0

Cabinet enclosures (EG000011) / Enclosure/switchgear cabinet (empty) (EC000261)		
Electric engineering, automation, process control engineering / Electrical cabinet, housing, rack / Electrical cabinet (empty) / Electrical cabinet (ecl@ss8.1-27-18-01-01 [AGZ056013])		
Width	mm	1000
Height	mm	2060
Depth	mm	250
Material		Steel
Type of surface		With powder coating
Colour		Grey
RAL-number		7035
With mounting plate		No
Mounting plate depth-adjustable		Yes
Number of locks		0
Floor installation possible		Yes
Wall fastening possible		No
Wall build in		No
Pole fastening		No
Tackable		Yes
Number of doors		0
Suitable for metrical mounting		Yes
Suitable for outdoor set-up		No
Pitched roof		No
EMC-version		Yes
Impact strength		IK07
Degree of protection (IP)		IP30
With glazed door		No
With ventilation door		No
With backside door		No