



Floor standing distribution board with three-point turn-lock, W = 1200 mm, H = 2060 mm, D = 300 mm

Part no. BP-F-1200/20/3
Article no. 102324

Delivery program

Mounting type			Floor standing distribution board
Material			Sheet steel
Door interlock			Three-point turn-lock
Installation site			Indoor
Degree of Protection			IP30
Surface finish			With powder coating
Width		mm	1200
Depth		mm	300
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, calculated as per IEC 60890			
Individual enclosure, free-standing	P _V	CO	280
Starting enclosure, free-standing	P _V	CO	278
Middle enclosure, free-standing	P _V	CO	275
Individual enclosure for wall mounting	P _V	CO	259
Starting enclosure for wall mounting	P _V	CO	252
Middle enclosure for wall mounting	P _V	CO	247
Heat dissipation, at an ambient temperature of 35°C, delta T: 35 degrees, calculated as per IEC 60890			
Individual enclosure, free-standing	P _V	CO	562
Starting enclosure, free-standing	P _V	CO	557
Middle enclosure, free-standing	P _V	CO	552
Individual enclosure for wall mounting	P _V	CO	520
Starting enclosure for wall mounting	P _V	CO	506
Middle enclosure for wall mounting	P _V	CO	496
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 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	1200	
Height	mm	2060	
Depth	mm	300	
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		1	
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		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	