



Floor standing distribution board with three-point turn-lock, W = 400 mm, H = 1760 mm, D = 300 mm

Part no. BP-F-400/17/3
Article no. 102055

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	400
Depth		mm	300
Height		mm	1760
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	101
Starting enclosure, free-standing	P _V	CO	88
Middle enclosure, free-standing	P _V	CO	75
Individual enclosure for wall mounting	P _V	CO	84
Starting enclosure for wall mounting	P _V	CO	73
Middle enclosure for wall mounting	P _V	CO	65
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	203
Starting enclosure, free-standing	P _V	CO	176
Middle enclosure, free-standing	P _V	CO	151
Individual enclosure for wall mounting	P _V	CO	168
Starting enclosure for wall mounting	P _V	CO	147
Middle enclosure for wall mounting	P _V	CO	131
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		400
Height	mm		1760
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