



Floor standing distribution board with locking rotary lever, W = 400 mm, H = 1760 mm, D = 300 mm

Part no. BP-F-400/17/3-P
Catalog No. 102355
EL-Nummer (Norway) 2459193

Delivery program

Mounting type			Floor standing distribution board
Material			Sheet steel
Door interlock			Rotary lever
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 in top of the enclosure, calculated as per IEC 60890			
Individual enclosure, free-standing	P _V	W	101
Starting enclosure, free-standing	P _V	W	88
Middle enclosure, free-standing	P _V	W	75
Individual enclosure for wall mounting	P _V	W	84
Starting enclosure for wall mounting	P _V	W	73
Middle enclosure for wall mounting	P _V	W	65
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	203
Starting enclosure, free-standing	P _V	W	176
Middle enclosure, free-standing	P _V	W	151
Individual enclosure for wall mounting	P _V	W	168
Starting enclosure for wall mounting	P _V	W	147
Middle enclosure for wall mounting	P _V	W	131
IEC/EN 61439 design verification			
10.2 Strength of materials and parts			
10.2.2 Corrosion resistance			
10.2.2.1 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 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	400
Height	mm	1760
Depth	mm	300
Material		Steel
Material quality		Other
Surface finishing		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		1
Suitable for metrical mounting		Yes
Suitable for outdoor set-up		No
Pitched roof		No
EMC-version		Yes
With glazed door		No
With ventilation door		No
With backside door		No
Impact strength		IK08
Degree of protection (IP)		IP30
Degree of protection (NEMA)		