

Floor standing distribution board with locking rotary lever, W = 800 mm, H = 2060 mm, D = 400 mm



Part no. **BP-F-800/20/4-P**
Catalog No. **119194**

EL-Nummer **2460726**
(Norway)

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	800	
Depth	mm	400	
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	240
Starting enclosure, free-standing	P _V	W	228
Middle enclosure, free-standing	P _V	W	217
Individual enclosure for wall mounting	P _V	W	217
Starting enclosure for wall mounting	P _V	W	209
Middle enclosure for wall mounting	P _V	W	204
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	481
Starting enclosure, free-standing	P _V	W	457
Middle enclosure, free-standing	P _V	W	435
Individual enclosure for wall mounting	P _V	W	435
Starting enclosure for wall mounting	P _V	W	420
Middle enclosure for wall mounting	P _V	W	408
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 8.0

Cabinet enclosures (EG000011) / Enclosure/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	815
Height	mm	2080
Depth	mm	415
Material		Steel
Material quality		Other
Surface finishing		Powder coating
Colour		Grey
RAL-number		7035
Detached		Yes
Floor standing/wall model		No
Suitable for wall mounting		No
Corner model		No
Intermediate mounting		No
Connectable		No
With mounting plate		No
Mounting plate depth-adjustable		Yes
Suitable for wall built-in		No
Pole fastening		No
Number of doors		1
Number of locks		0
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)		Other
Thermal dissipation (Delta T = 20 K) according to IEC/TR 60890	W	0
Max. permissible load of the enclosure according to IEC 62208	N	0
Max. permissible load of the door(s) according to IEC 62208	N	0
Max. permissible load of the mounting plate according to IEC 62208	N	0