

Surface-mount service distribution board with three-point turn-lock,
including DIN rails, front plate with 45-mm cutout; W = 800 mm, H = 1060



Part no. **BP-0-800/10-C**
Catalog No. **293312**

EL-Nummer
(Norway) **2456187**

Delivery program

Mounting type	Surface mounted		
Features	with DIN-rail Frontplate with 45mm cut-out		
Material	Sheet steel		
Door interlock	Three-point turn-lock		
Installation site	Indoor		
Degree of Protection	IP30		
Surface finish	With powder coating		
Width	mm	800	
Depth	mm	262	
Height	mm	1060	
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 for wall mounting	P _V	W	95
Starting enclosure for wall mounting	P _V	W	90
Middle enclosure for wall mounting	P _V	W	86
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 for wall mounting	P _V	W	191
Starting enclosure for wall mounting	P _V	W	181
Middle enclosure for wall mounting	P _V	W	173
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			Does not apply to enclosures without lifting aids.
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

Distribution boards (EG000023) / Small distribution board (EC000214)		
Electric engineering, automation, process control engineering / Electrical installation, device / Electrical distribution system (incl. small distribution board) / Small distribution board (ecl@ss10.0.1-27-14-24-09 [ACN387011])		
Mounting method		Surface mounted (plaster)
Number of rows		6
Width in number of modular spacings		35
Type of cover		Door
Cover model		Closed
Transparent cover/door		No
Material housing		Steel
Height	mm	1075
Width	mm	815
Depth	mm	280
Built-in depth	mm	280
Built-in height	mm	1075
Built-in width	mm	815
Internal depth	mm	257.5
Earthing terminal block		No
Neutral terminal block		No
DIN-rail		Yes
With mounting plate		No
Extension possible		Yes
EMC-version		Yes
Colour		Grey
RAL-number		7035
Degree of protection (IP)		IP30
With lock		No
Type of closure		Other
Signal passing door		No