



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) 0002456187

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			
10.2.3.1 Verification of thermal stability of enclosures			
10.2.3.2 Verification of resistance of insulating materials to normal heat			
10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects			
10.2.4 Resistance to ultra-violet (UV) radiation			
10.2.5 Lifting			
10.2.6 Mechanical impact			
10.2.7 Inscriptions			
10.3 Degree of protection of ASSEMBLIES			
10.4 Clearances and creepage distances			
10.5 Protection against electric shock			
10.6 Incorporation of switching devices and components			
10.7 Internal electrical circuits and connections			
10.8 Connections for external conductors			
10.9 Insulation properties			
10.9.2 Power-frequency electric strength			
10.9.3 Impulse withstand voltage			
10.9.4 Testing of enclosures made of insulating material			

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

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 (ec1@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	1060
Width		mm	800
Depth		mm	262.5
Built-in depth		mm	0
Internal depth		mm	257.5
DIN-rail			Yes
With mounting plate			No
Extension possible			Yes
EMC-version			No
Colour			Grey
RAL-number			7035
Degree of protection (IP)			IP30
With lock			No
Type of closure			Other