



Surface-mount service distribution board with three-point turn-lock, fire-resistant, W 400 mm H 760 mm

EATON[®]

Powering Business Worldwide™

Part no. **BP-0-400/7-EW**
Article no. **116615**

Delivery program

Mounting type		Surface mounted
Material		Sheet steel
Door interlock		Three-point turn-lock
Installation site		Indoor
Degree of Protection		IP30
Fire resistance		fire-resistant (E60/EW60)
Surface finish		With powder coating
Width	mm	400
Depth	mm	262
Height	mm	760
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 for wall mounting	Pv	CO 54
Starting enclosure for wall mounting	Pv	CO 49
Middle enclosure for wall mounting	Pv	CO 45
Heat dissipation, at an ambient temperature of 35°C, delta T: 35 degrees, calculated as per IEC 60890		
Individual enclosure for wall mounting	Pv	CO 108
Starting enclosure for wall mounting	Pv	CO 99
Middle enclosure for wall mounting	Pv	CO 91
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.

Technical data ETIM 6.0

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@ss8.1-27-14-24-09 [ACN387008])

Mounting method		Surface mounting
Number of rows		5
Width in number of modular spacings		13
Type of cover		Door
Cover model		Closed
Transparent cover/door		No
Material housing		Steel
Height	mm	760
Width	mm	400
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