



Surface-mount service distribution board with three-point turn-lock, mounting side panel, W = 800 mm, H = 1560 mm

Part no. **BP-0-800/15-MSW**
149160
EL Number **2455337**
(Norway)

General specifications

Product name	Eaton xEnergy Basic small distribution board
Part no.	BP-0-800/15-MSW
EAN	4015081455065
Product Length/Depth	280 millimetre
Product height	1575 millimetre
Product width	815 millimetre
Product weight	41.4 kilogram
Compliances	RoHS conform
Product Tradename	xEnergy Basic
Product Type	Small distribution board
Product Sub Type	None

Delivery program

Type	Basic device
Application	Indoor (installation site) Mounting side wall
Color	Light gray (RAL 7035) Gray

Technical Data - Mechanical

Closure type	Other
Surface finishing	With powder coating
Enclosure material	Steel
Width in number of modular spacings	35
Mounting method	Surface mounting Surface mounted (plaster)
Material	Sheet steel
Degree of protection	IP30
Number of rows	9
Built-in depth	280 mm
Built-in height	1575 mm
Built-in width	815 mm
Internal depth	257.5 mm
Cover/door model	Closed
Cover/door type	Door Three-point turn-lock Single

Temperature-rise verification as per IEC 60890

Heat diss. ambient 35°C delta T: 20°C wall mount middle encl. top (IEC 60890)	128 W
Heat diss. ambient 35°C delta T: 35°C wall mount middle encl. top (IEC 60890)	256 W
Heat diss. ambient 35°C delta T:20°C wall mount individ. encl. top (IEC 60890)	139 W
Heat diss. ambient 35°C delta T:20°C wall mount starting encl. top (IEC 60890)	132 W
Heat diss. ambient 35°C delta T:35°C wall mount individ. encl. top (IEC 60890)	278 W
Heat diss. ambient 35°C delta T:35°C wall mount starting encl. top (IEC 60890)	265 W

Design verification as per IEC/EN 61439

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 Resist. of insul. mat. to abnormal heat/fire by internal elect. 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.
10.9.2 Power-frequency electric strength		Ui = 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.
Additional information		
Features		EMC-version
Functions		Basic device Extension possible
RAL-number		7035

Technical data ETIM 9.0

Distribution boards (EG000023) / Small distribution board (EC000214)

Electric engineering, automation, process control engineering / Electrical installation, device / Electrical distribution system (including small distribution board) / Small distribution board (ecl@ss13-27-14-24-09 [ACN387016])

Mounting method		Surface mounted
Number of rows		9
Width in number of modular spacings		35
Type of covering		Door
Cover model		Closed
Type of door		Single
Transparent cover/door		No
Signal passing door		No
With lock		No
Type of closure		Other
Housing material		Steel
Built-in depth	mm	280
Built-in height	mm	1575
Built-in width	mm	815
Inner depth	mm	257.5
Earthing terminal block		No
Neutral terminal block		No
DIN-rail		No
With mounting plate		No
Extension possible		Yes
EMC-version		Yes
UV resistant		No
Colour		Grey
RAL-number		7035
Degree of protection (IP)		IP30
Height	mm	1575
Width	mm	815
Depth	mm	280

