



**Surface-mount service distribution board with three-point turn-lock,
mounting side panel, W = 600 mm, H = 760 mm**

Part no. BP-0-600/7-MSW

149152

**EL Number
(Norway)**

2455329

General specifications

Product name	Eaton xEnergy Basic small distribution board
Part no.	BP-0-600/7-MSW
EAN	4015081454785
Product Length/Depth	280 millimetre
Product height	775 millimetre
Product width	615 millimetre
Product weight	20.4 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	Gray Light gray (RAL 7035)

Technical Data - Mechanical

Closure type	Other
Surface finishing	With powder coating
Enclosure material	Steel
Width in number of modular spacings	24
Mounting method	Surface mounted (plaster) Surface mounting
Material	Sheet steel
Degree of protection	IP30
Number of rows	4
Built-in depth	280 mm
Built-in height	775 mm
Built-in width	615 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)	62 W
Heat diss. ambient 35°C delta T: 35°C wall mount middle encl. top (IEC 60890)	125 W
Heat diss. ambient 35°C delta T: 20°C wall mount individ. encl. top (IEC 60890)	70 W
Heat diss. ambient 35°C delta T: 20°C wall mount starting encl. top (IEC 60890)	66 W
Heat diss. ambient 35°C delta T: 35°C wall mount individ. encl. top (IEC 60890)	141 W
Heat diss. ambient 35°C delta T: 35°C wall mount starting encl. top (IEC 60890)	133 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			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.
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 (ecI@ss13-27-14-24-09 [ACN387016])			
Mounting method			Surface mounted
Number of rows			4
Width in number of modular spacings			24
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	775
Built-in width		mm	615
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	775
Width		mm	615
Depth		mm	280

