Surface-mount installation distribution board with rotary lever, IP55, HxWxD=1060x800x270mm



Part no. BPM-0-800/10-P

116665

EL Number

2460518

(Norway)	
General specifications	
Product name	Eaton xEnergy Basic small distribution board
Part no.	BPM-0-800/10-P
EAN	4015081164103
Product Length/Depth	300 millimetre
Product height	1090 millimetre
Product width	830 millimetre
Product weight	36 kilogram
Compliances	RoHS conform
Product Tradename	xEnergy Basic
Product Type	Small distribution board
Product Sub Type	None
Delivery program	
Туре	Basic device
Application	Moisture-proof (installation site)
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	35
Mounting method	Surface mounted (plaster) Surface mounting
Material	Sheet steel
Degree of protection	IP55
Number of rows	6
Built-in depth	300 mm
Built-in height	1090 mm
Built-in width	830 mm
Internal depth	265 mm
Cover/door model	Closed
Cover/door type	Rotary lever Door Single
Temperature-rise verification as per IEC 60890	
Heat diss. ambient 35°C delta T: 20°C wall mount middle encl. top (IEC 60890)	98 W
Heat diss. ambient 35°C delta T: 35°C wall mount middle encl. top (IEC 60890)	196 W
Heat diss. ambient 35°C delta T:20°C wall mount individ. encl. top (IEC 60890)	114 W
Heat diss. ambient 35°C delta T:20°C wall mount starting encl. top (IEC 60890)	104 W
Heat diss. ambient 35°C delta T:35°C wall mount individ. encl. top (IEC 60890)	228 W
Heat diss. ambient 35°C delta T:35°C wall mount starting encl. top (IEC 60890)	210 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	IK10
10.2.7 Inscriptions	Meets the product standard's requirements.
10.3 Degree of protection of assemblies	IP55
10.4 Clearances and creepage distances	Is the panel builder's responsibility.
10.5 Protection against electric shock	$<$ 0.1 $\Omega;$ 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.
dditional 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])

Number of rows         6           Width in number of modular spacings         35           Type of covering         Coes           Cover model         Coesd           Type of closure         No           Signal passing door         No           With lock         No           Housing material         Other           Built-in depth         mm         300           Built-in depth         mm         30           Built-in width         mm         30           Built-in tempinal block         mm         30           Neutral terminal block         mm         30           Neutral terminal block         mm         30           Neutral terminal block         mm         30           With mounting plate         po         No           Extension possible         po         No           Every sion         po         No           UV resistant         po         No           Colour         po         No           RAL-number         po         No           Degree of protection (IP)         po         No           With mounting plate         po         No           EMC-version			
Width in number of modular spacings         35           Type of covering         Door           Cover model         Closed           Type of door         Single           Transparent cover/door         No           With lock         No           With lock         Other           Housing material         Type of closure           Housing material         Mm         30           Built-in depth         mm         30           Built-in width         mm         30           Built-in sparental block         mm         30           Nourist terminal block         mm         36           Nourist terminal block         No         No           Nourist terminal block         No         No           Vivin mounting plate         No         No           Extension possible         No         No           EVC-version         Yes         No           UV resistant         Forey         No           BAL-number         7035         7035           Begree of protection (IP)         mm         1090           Height         mm         1090	Mounting method		Surface mounted
Type of covering         Closed           Cover model         Closed           Type of door         Single           Transparent cover/door         No           Signal passing door         No           With lock         Other           Type of closure         Up of the closure           Housing material         Mm         300           Built-in depth         mm         300           Built-in width         mm         303           Built-in width         mm         365           Built-in width         mm         365           Built-in width         mo         300           No read         No         300           Starting terminal block         No         No           No read         No         No           DIN-rail         No         No           With mounting plate         Yes         No           Evension         Yes         No           EVC-version         Yes         No           EVC version         Yes         Yes           BAL-number         703         703           Dorge of protection (IP)         Yes         Yes           Height         Yes<	Number of rows		6
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         300           Built-in width         mm         303           Built-in width         mm         352           Burner depth         mm         265           Earthing terminal block         No         No           Neutral terminal block         No         No           With mounting plate         No         No           Extension possible         Yes         No           Extension possible         No         No           Viversistant         No         No           Colour         No         No      <	Width in number of modular spacings		35
Type of door         Signel         Signel           Transparent cover/door         Mo         No           Signel passing door         Mo         No           With lock         Other         Other           Type of closure         Mo         300           Housing material         mm         300           Built-in depth         mm         309           Built-in width         mm         80           Built-in width         mm         80           Inner depth         Mo         80           Burthing terminal block         mo         96           Neutral terminal block         No         No           Neutral terminal block         No         No           With mounting plate         No         No           Extension possible         Yes         Yes           EVC-version         Yes         Yes           UV resistant         Yes         Forey           Colour         RAL-number         7035           Degree of protection (IP)         IP55           Height         mm         800	Type of covering		Door
Transparent cover/door         No           Signal passing door         No           With lock         Other           Type of closure         Steel           Housing material         Steel           Built-in depth         mm         300           Built-in height         mm         1980           Built-in width         mm         830           Inner depth         mm         856           Earthing terminal block         mm         856           Neutral terminal block         No         No           Neutral terminal block         No         No           With mounting plate         No         No           Extension possible         No         No           Extension possible         Yes         No           EMC-version         Yes         No           UV resistant         No         No           Colour         Yes         No           Space of protection (IP)         No         No           Height         No         No           Mill provided to the province of the protection (IP)         No         No           Mill provided to the province of the pro	Cover model		Closed
Signal passing door         Mode           With lock         No           Type of closure         Other           Housing material         Seel           Built-in depth         mm         300           Built-in width         mm         1990           Inner depth         mm         265           Earthing terminal block         mm         265           Neutral terminal block         No         No           With mounting plate         No         No           Extension possible         Yes         No           EMC-version         Yes         No           UV resistant         No         No           Colour         No         No           SRAL-number         No         No           Degree of protection (IP)         No         No           Height         No         No           Type         No         No           Steel         No	Type of door		Single
With lock         Mo           Type of closure         Other           Housing material         Stel           Built-in depth         Mm         300           Built-in width         Imm         1900           Built-in width         Imm         25           Earthing terminal block         Imm         265           Neutral terminal block         Imm         No           DIN-rail         No         No           With mounting plate         Yes         No           Extension possible         Yes         Yes           EMC-version         Yes         Yes           UV resistant         No         No           Colour         Seroy         Yes           RAL-number         Yes         7035           Degree of protection (IP)         Imm         1900           Height         Min         300	Transparent cover/door		No
Type of closure         Housing material         Ither         Other           Built-in depth         mm         300           Built-in height         mm         1990           Built-in width         mm         30           Inner depth         mm         80           Earthing terminal block         mm         265           Neutral terminal block         mm         80           Poll-Trail         No         No           With mounting plate         pm         No           Extension possible         pm         Yes           EMC-version         pm         Yes           UV resistant         pm         No           Colour         pm         No           RAL-number         pm         No           Degree of protection (IP)         pm         705           Height         pm         1906           Width         pm         1909	Signal passing door		No
Housing material         steel           Built-in depth         mm         300           Built-in height         mm         1990           Built-in width         mm         830           Inner depth         pm         265           Earthing terminal block         No         No           Neutral terminal block         No         No           With mounting plate         No         No           Extension possible         Yes         Yes           EMC-version         Yes         No           UV resistant         No         Yes           Colour         Fery         No           RAL-number         Fery         No           Degree of protection (IP)         Fes         7035           Height         mm         1990           Width         mm         1990	With lock		No
Built-in depth         mm         300           Built-in height         mm         1990           Built-in width         mm         830           Inner depth         mm         265           Earthing terminal block         No         No           Neutral terminal block         No         No           With mounting plate         No         No           Extension possible         Yes         Yes           EMC-version         Yes         No           UV resistant         No         Yes           Colour         No         Yes           RAL-number         No         Yes           Degree of protection (IP)         Yes         Yes           Height         Mm         1905           Width         Mm         1900	Type of closure		Other
Built-in height         mm         1990           Built-in width         mm         830           Inner depth         mm         265           Earthing terminal block         No         No           Neutral terminal block         No         No           With mounting plate         No         No           Extension possible         Yes         Yes           EMC-version         Yes         Yes           UV resistant         No         Yes           Colour         Yes         Yes           RAL-number         Yes         Yes           Degree of protection (IP)         To35         Yes           Height         mm         1990           Width         mm         1990           Width         Medit         1990	Housing material		Steel
Built-in width         mm         830           Inner depth         mm         265           Earthing terminal block         No         No           Neutral terminal block         No         No           DIN-rail         No         No           With mounting plate         No         Yes           Extension possible         Yes         Yes           EMC-version         Yes         No           UV resistant         No         Grey           RAL-number         7035         Tested           Degree of protection (IP)         IP5           Height         mm         1900           Width         mm         830	Built-in depth	mm	300
Inner depth         mm         265           Earthing terminal block         No         No           Neutral terminal block         No         No           DIN-rail         No         No           With mounting plate         No         No           Extension possible         Yes         Yes           EMC-version         Yes         Yes           UV resistant         No         Grey           RAL-number         7035         Tested           Degree of protection (IP)         IP55           Height         mm         1090           Width         mm         330	Built-in height	mm	1090
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)         IP55           Height         mm         1090           Width         mm         830	Built-in width	mm	830
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)         IP55           Height         mm         1990           Width         mm         830	Inner depth	mm	265
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)         IP55           Height         mm         1090           Width         mm         830	Earthing terminal block		No
With mounting plate Extension possible EMC-version UV resistant Colour RAL-number Degree of protection (IP) Height With mounting plate  No  No  Grey RACHURA R	Neutral terminal block		No
Extension possible  EMC-version  UV resistant Colour  RAL-number Degree of protection (IP) Height Width	DIN-rail		No
EMC-versionYesUV resistantNoColourGreyRAL-number7035Degree of protection (IP)IP55HeightmmWidthmm830	With mounting plate		No
UV resistant         No           Colour         Grey           RAL-number         7035           Degree of protection (IP)         IP55           Height         mm         1090           Width         mm         830	Extension possible		Yes
Colour         Grey           RAL-number         7035           Degree of protection (IP)         IP55           Height         mm         1090           Width         mm         830	EMC-version		Yes
RAL-number       7035         Degree of protection (IP)       IP55         Height       mm       1090         Width       mm       830	UV resistant		No
Degree of protection (IP) Height mm 1090 Width mm 830	Colour		Grey
Height mm 1090 Width mm 830	RAL-number		7035
Width mm 830	Degree of protection (IP)		IP55
	Height	mm	1090
Depth mm 300	Width	mm	830
	Depth	mm	300