Surface-mounted installation distribution board without door, IP55, HxWxD=1560x600x270mm



Part no. BPM-0-600/15-F

174361

EL Number

2455722

(Norway)	
General specifications	
Product name	Eaton xEnergy Basic small distribution board
Part no.	BPM-0-600/15-F
EAN	4015081708239
Product Length/Depth	270 millimetre
Product height	1560 millimetre
Product width	600 millimetre
Product weight	40.8 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	24
Mounting method	Surface mounted (plaster) Surface mounting
Material	Sheet steel
Degree of protection	IP55
Number of rows	9
Built-in depth	270 mm
Built-in height	1560 mm
Built-in width	600 mm
Internal depth	265 mm
Cover/door model	Closed
Cover/door type	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)	86 W
Heat diss. ambient 35°C delta T: 35°C wall mount middle encl. top (IEC 60890)	172 W
Heat diss. ambient 35°C delta T:20°C wall mount individ. encl. top (IEC 60890)	109 W
Heat diss. ambient 35°C delta T:20°C wall mount starting encl. top (IEC 60890)	95 W
Heat diss. ambient 35°C delta T:35°C wall mount individ. encl. top (IEC 60890)	219 W
Heat diss. ambient 35°C delta T:35°C wall mount starting encl. top (IEC 60890)	190 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 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.
dditional information	
Features	EMC-version
Functions	Basic device Extension possible
RAL-number	7035
Special features	Without door

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 All Particular of rows Surface mounted Surface mounted Within in number of modular spacings 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4			
Width in number of modular spacings 24 Type of covering 100 por Cover model 100 por Type of door 100 por Transparent cover/door 100 por Signal passing door 100 por Widh lock 100 por Type of closure 100 por Housing material 100 por Built-in height 100 por Built-in height 100 por Built-in width 100 por Inner depth 100 por Built-in width 100 por Inner depth 100 por Built-in height 100 por Built-in width 100 por Inner depth 100 por Built-in width 100 por Inner depth 100 por Built-in width 100 por Inner depth 100 por Built-in width 100	Mounting method		Surface mounted
Type of covering Mode Closed Cover model Closed Closed Type of door Single Single Transparent cover/door Mode No Signal passing door No No With lock No No Type of closure Other No Housing material Mode 20 Built-in height Mode 20 Built-in width Mode 20 Burlet-in width Mode 20 Inner depth Mode 20 Neutral terminal block Mode No Neutral terminal block Mode No With mounting plate Mode No Extension possible Mode Yes EVICE Yes Colour Yes	Number of rows		9
Cover model Closed Closed Type of door Single Single Transparent cover/door P No Signal passing door P No With lock P No Type of closure P No Housing material P Teel Built-in beight m 20 Built-in width m 80 Built-in width m 80 Inner depth m 80 Built-in width m 80 Inner depth m 80 Returning terminal block m 80 Neutral terminal block m 80 With mounting plate m 80 Extension possible m 80 Effective resion m 80 Viversistant m 80 Colour m 80 RAL-number m 60 Degree of protection (IP) m 60	Width in number of modular spacings		24
Type of door Single Transparent cover/door IMA No Signal passing door IMA No With lock IMA No Type of closure IMA Other Housing material IMA 20 Built-in height IMA 350 Built-in height IMA 360	Type of covering		Door
Transparent cover/door No Signal passing door No With lock Other Type of closure Steel Housing material Steel Built-in dight 1560 Built-in width 1600 Built-in width 1600 Burral perminal block No Burral perminal block No Muttral terminal block No With mounting plate No Extension possible Yes Etwesion possible Yes UV resistant No Colour No Colour No RL-number No Colour No RL-number No RL-number No	Cover model		Closed
Signal passing doorHoleHoleWith lock100OtherType of closure100StellHousing material100Mm270Built-in depth100100100Built-in width100100100Inner depth100100100Buttral terminal block100100100Neutral terminal block100100100With mounting plate100100100Extension possible100100100Extension possible100100100EMC-version100100100Colour100100100RAL-number100100100Degree of protection (IP)100100100Height100100100Witth through terminal block100100100Ral-number100100100100Ral-number100100100100Height100100100100Witth through terminal block100100100Height100100100100Witth through terminal block100100100Witth mounting plate100100100Witth mounting plate100100100Witth mounting plate100100100Witth mounting plate100100100Witth mounting plate100100<	Type of door		Single
With lockMoType of closurethe Pthe PHousing materialthe SeleBuilt-in depthm27Built-in heightm150Built-in widthm60Inner depthm25Earthing terminal blockm50Neutral terminal blockm50DiN-railmNoWith mounting platem10Extension possiblemyExtension possiblemyEV-versionmyUV resistantmyColourmyRAI-numbermyDegree of protection (IP)m150Heightm150Witthm150Witthm150Heightm150Witthm150Witthm150Heightm150Witthm150Witthm150Witthm150	Transparent cover/door		No
Type of closure Hote Other Housing material 5 teel Built-in depth mm 270 Built-in height 156 Built-in width mm 60 Inner depth pm 25 Earthing terminal block pm 26 Neutral terminal block pm 70 DIN-rail No No With mounting plate pm 70 Extension possible pm 70 Efficacy pm 70 UV resistant pm 70 Colour pm 705 RAI-number pm 705 Degree of protection (IP) pm 150 Height pm 150 Width pm 150	Signal passing door		No
Housing material Built-in depth Built-in height Built-in height Built-in width Built-in height Bui	With lock		No
Built-in depth mm 270 Built-in height mm 1560 Built-in width mm 600 Inner depth mm 255 Earthing terminal block mm 256 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 Yes Colour Yes Yes RAL-number Yes Yes Degree of protection (IP) Yes Yes Height Yes	Type of closure		Other
Built-in height mm 1560 Built-in width mm 600 Inner depth mm 265 Earthing terminal block No No Neutral terminal block No No DIN-rail No No Extension possible Yes No EMC-version Yes Yes UV resistant No Yes Colour Yes Yes RAL-number Yes Ore Degree of protection (IP) Yes Ore Height mm 1560 Width mm 1560 Width mm 600	Housing material		Steel
Built-in width mm 600 Inner depth mm 265 Earthing terminal block No No Neutral terminal block No No DIN-rail No No With mounting plate Yes No Extension possible Yes Yes EMC-version Yes No UV resistant No No Colour Serey No RAL-number 7035 Serey Degree of protection (IP) 1955 Height mm 1560 Width mm 600	Built-in depth	mm	270
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 Testension (IP) Height mm 1560 Width mm 600	Built-in height	mm	1560
Earthing terminal block Neutral terminal block No DIN-rail With mounting plate Extension possible EMC-version UV resistant Colour RAL-number Degree of protection (IP) Height With the word of the wor	Built-in width	mm	600
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 1560 Width mm 600	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 1560 Width mm 600	Earthing terminal block		No
With mounting plate Extension possible EMC-version UV resistant Colour RAL-number Degree of protection (IP) Height Width Width No No Good Gorey RAL-number P55 Height Mo No No OOO Mmm No	Neutral terminal block		No
Extension possibleYesEMC-versionYesUV resistantNoColourGreyRAL-number7035Degree of protection (IP)IP55Heightmm1560Widthmm600	DIN-rail		No
EMC-version Yes UV resistant No Colour Grey RAL-number 7035 Degree of protection (IP) IP55 Height mm 1560 Width mm 600	With mounting plate		No
UV resistant No Colour Grey RAL-number 7035 Degree of protection (IP) IP55 Height mm 1560 Width mm 600	Extension possible		Yes
Colour Grey RAL-number 7035 Degree of protection (IP) IP55 Height mm 1560 Width mm 600	EMC-version		Yes
RAL-number 7035 Degree of protection (IP) IP55 Height mm 1560 Width mm 600	UV resistant		No
Degree of protection (IP) IP55 Height mm 1560 Width mm 600	Colour		Grey
Height mm 1560 Width mm 600	RAL-number		7035
Width mm 600	Degree of protection (IP)		IP55
	Height	mm	1560
Depth mm 270	Width	mm	600
	Depth	mm	270