



Part no.

BP-F-WMS-K-800/20/3-160A
EP-502625

General specifications		
Product name		Eaton xEnergy Basic meter cabinet equipped
Part no.		BP-F-WMS-K-800/20/3-160A
EAN		9010653084815
Product Length/Depth		300 millimetre
Product height		2060 millimetre
Product width		800 millimetre
Product weight		120 kilogram
Compliances		RoHS conform
Product Tradename		xEnergy Basic
Product Type		Meter cabinet equipped
Product Sub Type		None
Delivery program		
Model		2-story
Color		Grey
Rated current		160 A
Technical Data - Mechanical		
Mounting method		Surface mounted (plaster)
Material		Steel
Degree of protection		IP30
Number of TSG-panels		0
Number of distributor rows		0
Number of fields		1
Number of meter cabinets		5
Built-in depth		300 mm
Built-in height		2060 mm
Built-in width		800 mm
Lower connection space		With bus bar 4-pole
Temperature-rise verification as per IEC 60890		
Heat diss. ambient 35°C delta T: 20°C free stand middle encl. top (IEC 60890)		195 W
Heat diss. ambient 35°C delta T: 20°C wall mount middle encl. top (IEC 60890)		175 W
Heat diss. ambient 35°C delta T: 35°C free stand middle encl. top (IEC 60890)		391 W
Heat diss. ambient 35°C delta T: 35°C wall mount middle encl. top (IEC 60890)		352 W
Heat diss. ambient 35°C delta T: 20°C free stand individ. encl. top (IEC 60890)		207 W
Heat diss. ambient 35°C delta T: 20°C free stand starting encl. top (IEC 60890)		201 W
Heat diss. ambient 35°C delta T: 20°C wall mount individ. encl. top (IEC 60890)		189 W
Heat diss. ambient 35°C delta T: 20°C wall mount starting encl. top (IEC 60890)		186 W
Heat diss. ambient 35°C delta T: 35°C free stand individ. encl. top (IEC 60890)		416 W
Heat diss. ambient 35°C delta T: 35°C free stand starting encl. top (IEC 60890)		403 W
Heat diss. ambient 35°C delta T: 35°C wall mount individ. encl. top (IEC 60890)		380 W
Heat diss. ambient 35°C delta T: 35°C wall mount starting encl. top (IEC 60890)		372 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		Met; assembled and secured as per the latest applicable instruction leaflet.

10.2.6 Mechanical impact			IK08
10.2.7 Inscriptions			Meets the product standard's requirements.
10.3 Degree of protection of assemblies			IP30
10.4 Clearances and creepage distances			Design verified by original manufacturer.
10.5 Protection against electric shock			< 0.1 Ω; meets the product standard's requirements.
10.6 Incorporation of switching devices and components			Design verified by original manufacturer.
10.7 Internal electrical circuits and connections			Design verified by original manufacturer.
10.8 Connections for external conductors			Design verified by original manufacturer.
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			Design verified by original manufacturer.
10.11 Short-circuit rating			Design verified by original manufacturer.
10.12 Electromagnetic compatibility			Design verified by original manufacturer.
10.13 Mechanical function			Meets the product standard's requirements.
Additional information			
RAL-number			7035

Technical data ETIM 9.0

Energy distribution systems (EG000015) / Zähler-Komplettschrank (EC000262)			
Elektro-, Automatisierungs- und Prozessleittechnik / Elektroinstallationsanlage, -gerät / Elektroverteiler-System (inklusive Installationsverteiler) / Zähler-Komplettschrank (ecl@ss13-27-14-24-18 [ACN405016])			
Rated current		A	160
Model			2-story
Number of meter boards			5
Number of tariff control panels			0
Lower connection space			With bus bar 4-pole
Mounting method			Surface mounted
Material			Steel
Colour			Grey
RAL-number			7035
Number of distributor rows			0
Number of fields			1
With mounting plate			No
Degree of protection (IP)			IP30
Width		mm	800
Height		mm	2060
Depth		mm	300
Built-in width		mm	800
Built-in height		mm	2060
Built-in depth		mm	300