Eaton 105541

Eaton xEnergy Basic LV systems Low voltage switchgear. Surface-mount service distribution board, 3 point turn-lock, DIN rails, front plate, 45-mm cutout, W = 800 mm, H = 1560 mm white

PRODUCT NAME	Eaton xEnergy Basic small distribution board
CATALOG NUMBER	105541
PRODUCT LENGTH/DEPTH	262 mm
PRODUCT HEIGHT	1560 mm
PRODUCT WIDTH	800 mm
PRODUCT WEIGHT	47.5 kg
COMPLIANCES	RoHS conform

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SPECIAL FEATURES	With DIN-rail Frontplate with 45mm cut-out
TYPE	Basic device
FEATURES	EMC-version
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.
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	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	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	Is the panel builder's responsibility.

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COMPONENTS	
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.
SURFACE FINISHING	With powder coating
ENCLOSURE MATERIAL	Steel
BUILT-IN HEIGHT	1575 mm
BUILT-IN WIDTH	815 mm
BUILT-IN DEPTH	280 mm
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 MIDDLE ENCL. TOP (IEC 60890)	128 W
HEAT DISS. AMBIENT 35°C DELTA T:20°C WALL MOUNT STARTING ENCL. TOP (IEC 60890)	132 W
CLOSURE TYPE	Other
COVER/DOOR MODEL	Closed
COVER/DOOR TYPE	Door Three-point turn-lock Single
RAL-NUMBER	9016
WIDTH IN NUMBER OF MODULAR SPACINGS	35
APPLICATION	Indoor (installation site)
COLOR	Traffic white (RAL 9016) White
NUMBER OF ROWS	9
DEGREE OF PROTECTION	IP30
FUNCTIONS	Basic device Extension possible Sealable
MATERIAL	Sheet steel
MOUNTING METHOD	Surface mounted (plaster)

	DIN-rail Surface mounting
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 MIDDLE ENCL. TOP (IEC 60890)	256 W
HEAT DISS. AMBIENT 35°C DELTA T:35°C WALL MOUNT STARTING ENCL. TOP (IEC 60890)	265 W
INTERNAL DEPTH	257.5 mm
NUMBER OF OPENINGS FOR SOCKET OUTLETS	0

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