Характеристики







Eaton 178820

Eaton xComfort KLV LV systems Final Distribution Boards. Compact distribution board-flush mounting, 4-rows, flush sheet steel door, 48UPS-F

Загальні характеристики	
PRODUCT NAME	Eaton xComfort KLV energy distribution board
CATALOG NUMBER	178820
EAN	4015081741496
PRODUCT LENGTH/DEPTH	100 mm
PRODUCT HEIGHT	715 mm
PRODUCT WIDTH	360 mm
PRODUCT WEIGHT	4.98 kg
COMPLIANCES	RoHS conform
CERTIFICATIONS	IEC/EN 60670-24 (PD) IEC/EN 62208
MODEL CODE	KLV-48UPS-F

Powering Business Worldwide

Додаткова інформація

FEATURES	EMC-version
FITTED WITH:	Cable retainer Installation instructions Imprintable sheet Nail lugs Door/Frame Spirit level for leveling Front cover Wall trough Device support rails 3D adjustment element for mounting designed to adjust the mounting depth by up to 18 mm Neutral and protective conductor terminals with SK screw terminal technology
FUNCTIONS	Basic device Extension possible Sealable
PROTECTION CLASS	II (totally insulated)
RAL-NUMBER	9016
SPECIAL FEATURES	• IP30 • Protection Class II • Plastic enclosure with sheet steel door, white (RAL 9016)
USED WITH	Installation distribution board Basic device KLV energy

Програма доставки

APPLICATION	Indoor (installation site)
COLOR	Traffic white (RAL 9016) White
TYPE	• Basic device • Installation distribution board • KLV energy

Перевірка відповідності проектним вимогам згідно зі стандартом IEC/EN 61439

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	650 °C; 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	IK05
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	Protection class 2, therefore not applicable.
10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS	Is the panel builder's responsibility.
10.7 INTERNAL	Is the panel builder's

Перевірка відповідності проектним вимогам згідно зі стандартом IEC/EN 61439 — технічні дані

AMBIENT OPERATING TEMPERATURE DETAILS	-5 °C - 40 °C

ELECTRICAL CIRCUITS AND CONNECTIONS	responsibility.
10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS	Is the panel builder's responsibility.
10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH	Ui = 400 V AC
10.9.3 IMPULSE WITHSTAND VOLTAGE	4 kV
10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL	Meets the product standard's requirements.

Technical data - electrical

FREQUENCY RATING OF CONTACTS	50 Hz

Technical data - mechanical

BUILT-IN DEPTH	88 mm
CABLE ENTRY POSTION	Cable entries on top and bottom, side, back plate
CLOSURE TYPE	Other
COVER/DOOR COLOR	White
COVER/DOOR MODEL	With notch
COVER/DOOR TYPE	Door Single
DEGREE OF PROTECTION	IK05 (impact resistance) IP30
ENCLOSURE MATERIAL	Plastic
INTERNAL DEPTH	75 mm
MATERIAL	Sheet steel, powder-coated Polystyren (plastic)
MODULE RACK TYPE	Rail frame
NUMBER OF MODULE SPACE UNITS PER ROW	12
NUMBER OF ROWS	4
PE AND N TERMINAL NUMBER AND CROSS SECTION	N - Fi: 4x (0.75 mm² - 16 mm²) PE: 25 x (0.75 mm² - 16 mm²) N: 25 x (0.75 mm² - 16 mm²)
PROTECTIVE SHROUDING MATERIAL	Plastic
TERMINAL TYPE	Screw terminals
WIDTH IN NUMBER OF MODULAR SPACINGS	12
MOUNTING METHOD	DIN-rail Flush mounting Flush mounted (plaster)

Перевірка підвищення температури відповідно до IEC 60890

HEAT DISS. AMBIENT 35°C DELTA T:20°C FLUSH MOUNT INDIVID. ENCL. TOP(IEC 60890)	24 W
HEAT DISS. AMBIENT 35°C DELTA T:35°C FLUSH MOUNT INDIVID. ENCL. TOP(IEC 60890)	48 W

Ресурси

PEP ECO-PASSPORT	eaton-empty-consumer-units-pep-eato-00370-v0101-en.pdf
БРОШУРИ	eaton-xcomfort-compact-distribution-boxes-brochure-br014015en-en-us.pdf
КРЕСЛЕННЯ	eaton-lighting-xcomfort-klv-lv-systems-dimensions-1230DIM-433.eps eaton-lighting-xcomfort-klv-lv-systems-dimensions-007.eps eaton-lighting-xcomfort-klv-lv-systems-dimensions-005.eps

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