

Specifikacijos



Eaton 178818

Eaton xComfort KLV LV systems Final Distribution Boards. Compact distribution board-flush mounting, 3-rows, flush sheet steel door, 36UPS-F

General specifications

PRODUCT NAME	Eaton xComfort KLV energy distribution board
CATALOG NUMBER	178818
EAN	4015081741472
PRODUCT LENGTH/DEPTH	100 mm
PRODUCT HEIGHT	590 mm
PRODUCT WIDTH	360 mm
PRODUCT WEIGHT	4.2 kg
COMPLIANCES	RoHS conform
CERTIFICATIONS	IEC/EN 62208 IEC/EN 60670-24 (PD)
MODEL CODE	KLV-36UPS-F

Delivery program

TYPE	• Basic device
	• Installation distribution board
	• KLV energy

APPLICATION	Indoor (installation site)
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COLOR	White Traffic white (RAL 9016)
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Technical data - mechanical

CLOSURE TYPE	Other
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ENCLOSURE MATERIAL	Plastic
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WIDTH IN NUMBER OF MODULAR SPACINGS	12
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MOUNTING METHOD	Flush mounting Flush mounted (plaster) DIN-rail
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MATERIAL	Polystyren (plastic) Sheet steel, powder-coated
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NUMBER OF MODULE SPACE UNITS PER ROW	12
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NUMBER OF ROWS	3
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TERMINAL TYPE	Screw terminals
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PE AND N TERMINAL NUMBER AND CROSS SECTION	N - Fi: 4x (0.75 mm ² - 16 mm ²) N: 25 x (0.75 mm ² - 16 mm ²) PE: 25 x (0.75 mm ² - 16 mm ²)
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BUILT-IN DEPTH	88 mm
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BUILT-IN HEIGHT	0 mm
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BUILT-IN WIDTH	0 mm
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INTERNAL DEPTH	75 mm
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CABLE ENTRY POSTION	Cable entries on top and bottom, side, back plate
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COVER/DOOR COLOR	White
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COVER/DOOR MODEL	With notch
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COVER/DOOR TYPE	Door Single
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MODULE RACK TYPE	Rail frame
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PROTECTIVE SHROUDING MATERIAL	Plastic
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Technical data - electrical

VOLTAGE RATING AT AC	400 V AC
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FREQUENCY RATING OF CONTACTS	50 Hz
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Temperature-rise verification as per IEC 60890

HEAT DISS. AMBIENT 35°C DELTA T:20°C FLUSH MOUNT INDIVID. ENCL. TOP(IEC 60890)	20 W
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HEAT DISS. AMBIENT 35°C DELTA T:35°C FLUSH MOUNT INDIVID. ENCL. TOP(IEC 60890)	43 W
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Design verification as per IEC/EN 61439 - technical data

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

Design verification as per IEC/EN 61439

10.2.2 CORROSION RESISTANCE	Meets the product standard's requirements.
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10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES	Meets the product standard's requirements.
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10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS TO NORMAL HEAT	Meets the product standard's requirements.
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10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS	650 °C; meets the product standard's requirements.
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10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION	Not relevant to indoor installations.
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10.2.5 LIFTING	Does not apply to enclosures without lifting aids.
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10.2.6 MECHANICAL IMPACT	IK05
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10.2.7 INSCRIPTIONS	Meets the product standard's requirements.
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10.3 DEGREE OF PROTECTION OF ASSEMBLIES	IP30
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10.4 CLEARANCES AND CREEPAGE DISTANCES	Is the panel builder's responsibility.
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10.5 PROTECTION AGAINST ELECTRIC SHOCK	Protection class 2, therefore not applicable.
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10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS	Is the panel builder's responsibility.
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10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS	Is the panel builder's responsibility.
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10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS	Is the panel builder's responsibility.
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10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH	Ui = 400 V AC
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10.9.3 IMPULSE WITHSTAND VOLTAGE	4 kV
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10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL	Meets the product standard's requirements.
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10.10 TEMPERATURE RISE	The panel builder is responsible for the temperature rise
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Additional information

FEATURES	EMC-version
FITTED WITH:	Neutral and protective conductor terminals with SK screw terminal technology Spirit level for leveling Device support rails Installation instructions Nail lugs Wall trough Cable retainer Front cover Imprintable sheet Door/Frame 3D adjustment element for mounting designed to adjust the mounting depth by up to 18 mm
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	Basic device KLV energy Installation distribution board

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.

Ištekliai

	eaton-lighting-xcomfort-klv-lv-systems-dimensions-1230DIM-433.eps
BRĖŽINIAI	eaton-lighting-xcomfort-klv-lv-systems-dimensions-003.eps
	eaton-lighting-xcomfort-klv-lv-systems-dimensions-007.eps
BROŠIŪROS	eaton-xcomfort-compact-distribution-boxes-brochure-br014015en-en-us.pdf
ECAD MODEL	DA-CE-ETN.KLV-36UPS-F
	IL014007ZU
MONTAVIMO INSTRUKCIJOS	eaton-compact-distribution-board-klv-il014009zu.pdf
SERTIFIKAVIMO ATASKAITOS	eaton-energy-distribution-board-declaration-of-conformity-eu250308en.pdf

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATA:



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