

Specifikace



Eaton 178814

Eaton xComfort KLV LV systems Final Distribution Boards. Compact distribution board-flush mounting, 1-rows, flush sheet steel door, 12UPS-F

General specifications

PRODUCT NAME	Eaton xComfort KLV energy distribution board
CATALOG NUMBER	178814
EAN	4015081741434
PRODUCT LENGTH/DEPTH	100 mm
PRODUCT HEIGHT	340 mm
PRODUCT WIDTH	360 mm
PRODUCT WEIGHT	2.54 kg
COMPLIANCES	RoHS conform
CERTIFICATIONS	IEC/EN 62208 IEC/EN 60670-24 (PD)
MODEL CODE	KLV-12UPS-F



Powering Business Worldwide

Delivery program

TYPE	<ul style="list-style-type: none">• Basic device• Installation distribution board• KLV energy
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APPLICATION	Indoor (installation site)
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COLOR	Traffic white (RAL 9016) White
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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	DIN-rail Flush mounting Flush mounted (plaster)
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MATERIAL	Sheet steel, powder-coated Polystyren (plastic)
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NUMBER OF MODULE SPACE UNITS PER ROW	12
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NUMBER OF ROWS	1
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TERMINAL TYPE	Screw terminals
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PE AND N TERMINAL NUMBER AND CROSS SECTION	N: 13 x (0.75 mm ² - 16 mm ²) PE: 13 x (0.75 mm ² - 16 mm ²)
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BUILT-IN DEPTH	88 mm
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INTERNAL DEPTH	75 mm
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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	Single-rail
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PROTECTIVE SHROUDING MATERIAL	Plastic
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Design verification as per IEC/EN 61439 - technical data

AMBIENT OPERATING TEMPERATURE DETAILS	-5 °C - 40 °C
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Technical Data - Electrical

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)	13 W
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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	Meets the product
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RESISTANCE OF INSULATING MATERIALS TO NORMAL HEAT	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 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	$U_i = 400 \text{ V AC}$
10.9.3 IMPULSE WITHSTAND VOLTAGE	4 kV
10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL	Meets the product standard's requirements.
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.

Additional information

FEATURES	EMC-version
FITTED WITH:	Door/Frame Spirit level for leveling Front cover Imprintable sheet 3D adjustment element for mounting designed to adjust the mounting depth by up to 18 mm Wall trough Device support rails Installation instructions Neutral and protective conductor terminals with SK screw terminal technology Cable retainer Nail lugs
FUNCTIONS	Basic device Extension possible Sealable
PROTECTION CLASS	II (totally insulated)
RAL-NUMBER	9016
SPECIAL FEATURES	<ul style="list-style-type: none">• IP30• Protection Class II• Plastic enclosure with sheet steel door, white (RAL 9016)

NÁZEV PROJEKTU:

ČÍSLO PROJEKTU:

PŘIPRAVIL:

DATUM:

10.13 MECHANICAL FUNCTION

Meets the product standard's requirements.

Zdroje

DECLARATIONS OF CONFORMITY	eaton-energy-distribution-board-declaration-of-conformity-eu250308en.pdf
ECAD MODEL	DA-CE-ETN.KLV-12UPS-F IL014007ZU
INSTALAČNÍ NÁVODY	eaton-compact-distribution-board-klv-il014009zu.pdf
VÝKRESY	eaton-lighting-xcomfort-klv-lv-systems-dimensions-1230DIM-433.eps eaton-lighting-xcomfort-klv-lv-systems-dimensions.eps eaton-lighting-xcomfort-klv-lv-systems-dimensions-007.eps



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