

Specifikacijos



Eaton 302414

Eaton xComfort KLV LV systems Final Distribution Boards. Compact distribution board-flush mounting, 5-rows, 60MU, flat sheet steel door, UPS-F

General specifications

PRODUCT NAME	Eaton xComfort KLV energy distribution board
CATALOG NUMBER	302414
EAN	9010238160828
PRODUCT LENGTH/DEPTH	100 mm
PRODUCT HEIGHT	840 mm
PRODUCT WIDTH	360 mm
PRODUCT WEIGHT	6.93 kg
COMPLIANCES	RoHS conform
CERTIFICATIONS	IEC/EN 60670-24 (PD) IEC/EN 62208
MODEL CODE	KLV-60UPS-F



Powering Business Worldwide

Delivery program

TYPE	• Basic device
	• Installation
	distribution boards
	• KLV energy

APPLICATION	Indoor
-------------	--------

COLOR	Traffic white (RAL 9016) White
-------	-----------------------------------

Technical data - mechanical

CLOSURE TYPE	Other
--------------	-------

ENCLOSURE MATERIAL	Plastic
--------------------	---------

WIDTH IN NUMBER OF MODULAR SPACINGS	12
--	----

MOUNTING METHOD	DIN-rail Flush mounting Flush mounted (plaster)
-----------------	---

MATERIAL	Polystyren (plastic) Sheet steel, powder- coated
----------	--

NUMBER OF MODULE SPACE UNITS PER ROW	12
---	----

NUMBER OF ROWS	5
----------------	---

TERMINAL TYPE	Screw terminals
---------------	-----------------

PE AND N TERMINAL NUMBER AND CROSS SECTION	PE: 25 x (0.75 mm ² - 16 mm ²) N - Fi: 2 x (0.75 mm ² - 16 mm ²) + 2 x (0.75 mm ² - 25 mm ²) N: 25 x (0.75 mm ² - 16 mm ²)
--	--

BUILT-IN DEPTH	80 mm
----------------	-------

BUILT-IN HEIGHT	0 mm
-----------------	------

BUILT-IN WIDTH	0 mm
----------------	------

INTERNAL DEPTH	80 mm
----------------	-------

CABLE ENTRY POSTION	Cable entries on top and bottom, side, back plate
---------------------	--

COVER/DOOR COLOR	White
------------------	-------

COVER/DOOR MODEL	With notch
------------------	------------

COVER/DOOR TYPE	Door Single
-----------------	----------------

MODULE RACK TYPE	Rail frame
------------------	------------

PROTECTIVE SHROUDING MATERIAL	Plastic
----------------------------------	---------

Technical data - electrical

VOLTAGE RATING AT AC	400 V AC
----------------------	----------

FREQUENCY RATING OF CONTACTS	50 Hz
---------------------------------	-------

Temperature-rise verification as per IEC 60890

HEAT DISS. AMBIENT 35°C DELTA T:20°C FLUSH MOUNT INDIVID. ENCL. TOP(IEC 60890)	28 W
---	------

HEAT DISS. AMBIENT 35°C DELTA T:35°C FLUSH MOUNT INDIVID. ENCL. TOP(IEC 60890)	58 W
---	------

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.
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 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 = 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.
10.10 TEMPERATURE RISE	The panel builder is responsible for the temperature rise

Additional information

FITTED WITH:

Front cover
Installation instructions
3D adjustment element
for mounting designed to
adjust the mounting depth
by up to 18 mm
Device support rails
Door/Frame
Wall trough
Spirit level for leveling
Neutral and protective
conductor terminals with
SK screw terminal
technology
Imprintable sheet
Cable retainer
Nail lugs

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

KLV energy
Basic device
Installation distribution
boards

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

BRĖŽINIAI

[eaton-lighting-xcomfort-
klv-lv-systems-dimensions-
1230DIM-433.eps](#)

[eaton-lighting-xcomfort-
klv-lv-systems-dimensions-
008.eps](#)

[eaton-lighting-xcomfort-
klv-lv-systems-dimensions-
016.eps](#)

BROŠIŪROS

[eaton-xcomfort-compact-
distribution-boxes-
brochure-br014015en-en-
us.pdf](#)

MONTAVIMO INSTRUKCIJOS

[eaton-compact-
distribution-board-klv-
il014009zu.pdf](#)

[IL014007ZU](#)

SERTIFIKAVIMO ATASKAITOS

[eaton-energy-distribution-
board-declaration-of-
conformity-
eu250308en.pdf](#)

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATA:



Eaton Corporation plc

Eaton House
30 Pembroke Road
Dublin 4, Airija
Eaton.com

© 2025 „Eaton“. Visos teisės saugomos.

Follow us on social media to get the latest product and support information.

