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Eaton 302450

Eaton xComfort KLV LV systems Final Distribution Boards. Compact distribution board-flush mounting, Hybrid, 5-rows, 24MU, super-flat sheet steel door WIFI, 60UPS-W-HY24-SF

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PRODUCT NAME	Eaton xComfort KLV hybrid distribution board
CATALOG NUMBER	302450
PRODUCT LENGTH/DEPTH	100 mm
PRODUCT HEIGHT	840 mm
PRODUCT WIDTH	360 mm
PRODUCT WEIGHT	6.32 kg
COMPLIANCES	RoHS conform
CERTIFICATIONS	IEC/EN 62208 IEC/EN 60670-24 (PD)



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USED WITH	Basic device Installation distribution boards KLV hybrid WIFI
SPECIAL FEATURES	IP30 Protection Class II Plastic housing with Wi-Fi door, white (RAL 9016) Note: To obtain protection class II, all devices installed on the mounting plate must be of the fully insulated type.
TYPE	Basic device Installation distribution boards KLV hybrid WIFI
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	IP30

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PROTECTION OF ASSEMBLIES	
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 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.
FITTED WITH:	<p>Nail lugs Device support rails Microperforated mounting plate Neutral and protective conductor terminals with SK screw terminal technology 1x single-way socket outlet</p> <p>Imprintable sheet Mounting plate Cable retainer Device holder Spirit level for leveling WIFI Door/Frame Wall trough Front cover Installation instructions 3D adjustment element for mounting designed to adjust the mounting depth by up to 18 mm</p>
ENCLOSURE MATERIAL	Plastic
BUILT-IN HEIGHT	0 mm
BUILT-IN WIDTH	0 mm
CABLE ENTRY POSTION	Cable entries on top and bottom, side, back plate
TERMINAL TYPE	Screw terminals
BUILT-IN DEPTH	80 mm

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
CLOSURE TYPE	Other
COVER/DOOR COLOR	White
COVER/DOOR MODEL	With notch
COVER/DOOR TYPE	Door Single
RAL-NUMBER	9016
WIDTH IN NUMBER OF MODULAR SPACINGS	12
AMBIENT OPERATING TEMPERATURE DETAILS	-5 °C - 40 °C
APPLICATION	Indoor
VOLTAGE RATING AT AC	400 V AC
COLOR	Traffic white (RAL 9016) White
NUMBER OF ROWS	5
FREQUENCY RATING OF CONTACTS	50 Hz
MODULE RACK TYPE	Rail frame / Media mounting plate
DEGREE OF PROTECTION	IK05 IP30
NUMBER OF MODULE SPACE UNITS PER ROW	12
PROTECTION CLASS	II (totally insulated)
PROTECTIVE SHROUDING MATERIAL	Plastic
FUNCTIONS	Basic device Extension possible
MATERIAL	Sheet steel, powder- coated Polystyren (plastic)
MOUNTING METHOD	DIN-rail Flush mounting Flush mounted (plaster)
INTERNAL DEPTH	80 mm
PE AND N TERMINAL NUMBER AND CROSS SECTION	PE: 13 x (0.75 mm ² - 16 mm ²) N: 13 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)

