



## Eaton 302424

Eaton xComfort KLV LV systems Final  
Distribution Boards. Hollow wall compact  
distribution board, multimedia, 5-rows, flat  
sheet steel door WIFI

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<b>PRODUCT NAME</b>	Eaton xComfort KLV multimedia distribution board
<b>CATALOG NUMBER</b>	302424
<b>PRODUCT LENGTH/DEPTH</b>	100 mm
<b>PRODUCT HEIGHT</b>	840 mm
<b>PRODUCT WIDTH</b>	360 mm
<b>PRODUCT WEIGHT</b>	6.27 kg
<b>COMPLIANCES</b>	RoHS conform
<b>CERTIFICATIONS</b>	IEC/EN 60670-24 (GP) IEC/EN 62208

**USED WITH**

KLV multimedia WIFI  
Basic device  
Installation distribution  
boards

**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 multimedia 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**

850 °C; meets the product standard's requirements.

**10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION**

Not relevant to indoor installations.

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

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

[eaton-lighting-xcomfort-klv-lv-systems-dimensions-010.eps](#)

<b>10.2.5 LIFTING</b>	Does not apply to enclosures without lifting aids.
<b>10.2.6 MECHANICAL IMPACT</b>	IK05
<b>10.2.7 INSCRIPTIONS</b>	Meets the product standard's requirements.
<b>10.3 DEGREE OF PROTECTION OF ASSEMBLIES</b>	IP30
<b>10.4 CLEARANCES AND CREEPAGE DISTANCES</b>	Is the panel builder's responsibility.
<b>10.5 PROTECTION AGAINST ELECTRIC SHOCK</b>	Protection class 2, therefore not applicable.
<b>10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS</b>	Is the panel builder's responsibility.
<b>10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS</b>	Is the panel builder's responsibility.
<b>10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS</b>	Is the panel builder's responsibility.
<b>10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH</b>	Ui = 400 V AC
<b>10.9.3 IMPULSE WITHSTAND VOLTAGE</b>	4 kV
<b>10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL</b>	Meets the product standard's requirements.
<b>FITTED WITH:</b>	Hollow-wall anchor 3D adjustment element for mounting designed to adjust the mounting depth by up to 18 mm Cable retainer Wall trough Device holder Installation instructions Device support rails Microperforated mounting plate WIFI Door/Frame Spirit level for leveling 2x single-way socket outlet
<b>CABLE ENTRY POSTION</b>	Cable entries on top and bottom, side, back plate
<b>HEAT DISS. AMBIENT 35°C DELTA T:20°C FLUSH MOUNT INDIVID. ENCL. TOP(IEC 60890)</b>	28 W
<b>HEAT DISS. AMBIENT 35°C DELTA T:35°C FLUSH</b>	58 W

<b>MOUNT INDIVID. ENCL. TOP(IEC 60890)</b>	
<b>COVER/DOOR COLOR</b>	White
<b>AMBIENT OPERATING TEMPERATURE DETAILS</b>	-5 °C - 40 °C
<b>APPLICATION</b>	Indoor
<b>VOLTAGE RATING AT AC</b>	230 V AC
<b>COLOR</b>	White Traffic white (RAL 9016)
<b>NUMBER OF ROWS</b>	5
<b>FREQUENCY RATING OF CONTACTS</b>	50 Hz
<b>MODULE RACK TYPE</b>	Media mounting plate
<b>DEGREE OF PROTECTION</b>	IP30 IK05 NEMA Other
<b>NUMBER OF MODULE SPACE UNITS PER ROW</b>	12
<b>PROTECTION CLASS</b>	II (totally insulated)
<b>PROTECTIVE SHROUDING MATERIAL</b>	Without shroud for protection against accidental contact
<b>FUNCTIONS</b>	Basic device
<b>MATERIAL</b>	Polystyren (plastic) Sheet steel, powder- coated Steel plate/plastic
<b>MOUNTING METHOD</b>	DIN-rail DIN-compatible Hollow wall Hollow-wall mounting Flush mounted (plaster)
<b>NUMBER OF CORES (DUAL) - MAX</b>	12
<b>NUMBER OF MOUNTABLE CONNECTION STRIPS</b>	12
<b>MODEL</b>	Wall-mounted distributor
<b>MOUNTING DIMENSION</b>	Other

