

**Compact distribution board-flush mounting; multimedia; 4-rows; flush sheet steel door**



**Part no. KLV-48UPM-F  
178832**

<b>General specifications</b>		
Product name		Eaton xComfort KLV multimedia distribution board
Part no.		KLV-48UPM-F
EAN		4015081741618
Product Length/Depth		100 millimetre
Product height		715 millimetre
Product width		360 millimetre
Product weight		6.5 kilogram
Compliances		RoHS conform
Certifications		IEC/EN 60670-24 (GP) IEC/EN 62208
Product Tradename		xComfort KLV
Product Type		Multimedia distribution board
Product Sub Type		None
<b>Delivery program</b>		
Type		Basic device Installation distribution board KLV multimedia
Model		Distributor enclosure
Application		Indoor (installation site)
Color		Traffic white (RAL 9016) White
<b>Technical Data - Electrical</b>		
Frequency rating of contacts		50 Hz
<b>Technical Data - Mechanical</b>		
Mounting dimension		Other
Mounting method		DIN-compatible Flush mounting Flush mounted (plaster)
Material		Steel plate/plastic Sheet steel, powder-coated Polystyren (plastic)
Degree of protection		IK05 (impact resistance) IP30 Other
Number of cores (dual) - max		12
Number of module space units per row		12
Number of mountable connection strips		12
Number of rows		4
Terminal type		Without terminals
Cover/door color		White
Module rack type		Media mounting plate
Protective shrouding material		Without shroud for protection against accidental contact
<b>Temperature-rise verification as per IEC 60890</b>		
Heat diss. ambient 35°C delta T:20°C flush mount individ. encl. top(IEC 60890)		24 W
<b>Design verification as per IEC/EN 61439 - technical data</b>		
Ambient operating temperature details		-5 °C - 40 °C
<b>Design verification as per IEC/EN 61439</b>		
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		U <sub>i</sub> = 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 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.
<b>Additional information</b>		
Features		110-compatible
Fitted with:		Wall trough Spirit level for leveling Device holder 3D adjustment element for mounting designed to adjust the mounting depth by up to 18 mm Cable retainer Microperforated mounting plate Nail lugs Installation instructions Device support rails 2x single-way socket outlet Door/Frame
Functions		Basic device
Protection class		II (totally insulated)
Special features		IP30 Protection Class II Plastic enclosure with sheet steel door, white (RAL 9016) Note: To obtain protection class II, all devices installed on the mounting plate must be of the fully insulated type.

## Technical data ETIM 9.0

Data and telecommunication (EG000037) / Distributor for telecommunication (EC000374)		
Electric engineering, automation, process control engineering / Electrical installation, device / Connection devices / Distributor for telecommunication (ecl@ss13-27-14-44-26 [AEI678011])		
Model		Distributor enclosure
Mounting method		Flush-mounted
With connecting lugs		No
Max. number of dual cores		12
Mounting dimension (standardised)		Other
110-compatible		Yes
LSA		No
SID		No
Material		Steel plate/plastic
Degree of protection (IP)		IP30
Degree of protection (NEMA)		Other
Colour		White
Height	mm	715
Width	mm	360
Depth	mm	100
Number of mountable connection strips		12
DIN-compatible		Yes
Compatible with Grade2TV according to XP-C 90-483		No
Compatible with Grade3TV according to XP-C 90-483		No

