DATASHEET - KLV-48UPM-F

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

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

General specifications	
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 62208 IEC/EN 60670-24 (GP)
Product Tradename	xComfort KLV
Product Type	Multimedia distribution board
Product Sub Type	None
Delivery program	
Type	Basic device Installation distribution board KLV multimedia
Model	Distributor enclosure
Application	Indoor (installation site)
Color	White Traffic white (RAL 9016)
Technical Data - Electrical	
Frequency rating of contacts	50 Hz
Technical Data - Mechanical	
Mounting dimension	Other
Mounting method	Flush mounted (plaster) Flush mounting DIN-compatible
Material	Polystyren (plastic) Sheet steel, powder-coated Steel plate/plastic
Degree of protection	Other IP30 IK05 (impact resistance)
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
Temperature-rise verification as per IEC 60890	
Heat diss. ambient 35°C delta T:20°C flush mount individ. encl. top(IEC 60890)	24 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 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.

Additional information

Features		110-compatible
Fitted with:		Door/Frame 2x single-way socket outlet Device support rails Installation instructions Nail lugs Microperforated mounting plate Cable retainer 3D adjustment element for mounting designed to adjust the mounting depth by up to 18 mm Device holder Spirit level for leveling Wall trough
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

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