DATASHEET - KLV-48HWM-F

Hollow wall compact distribution board; multimedia; 4-rows; flush sheet steel door

Part no. **KLV-48HWM-F**
178836

General specifications	
Product name	Eaton xComfort KLV multimedia distribution board
Part no.	KLV-48HWM-F
EAN	4015081741656
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	Traffic white (RAL 9016) White
Technical Data - Electrical	
Frequency rating of contacts	50 Hz
Technical Data - Mechanical	
Mounting dimension	Other
Mounting method	Hollow wall DIN-compatible Flush mounted (plaster) Hollow-wall mounting
Material	Steel plate/plastic Polystyren (plastic) Sheet steel, powder-coated
Degree of protection	NEMA Other IK05 (impact resistance) IP30
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	850 °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:			Device holder 2x single-way socket outlet Microperforated mounting plate Device support rails Installation instructions Spirit level for leveling Wall trough 3D adjustment element for mounting designed to adjust the mounting depth by up to 18 mm Hollow-wall anchor Door/Frame Cable retainer
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.
Used with			KLV multimedia Basic device Installation distribution board

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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