

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 60670-24 (GP) IEC/EN 62208
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		Hollow-wall mounting Flush mounted (plaster) DIN-compatible Hollow wall
Material		Sheet steel, powder-coated Polystyren (plastic) Steel plate/plastic
Degree of protection		IP30 IK05 (impact resistance) NEMA 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
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:			Cable retainer Door/Frame Hollow-wall anchor 3D adjustment element for mounting designed to adjust the mounting depth by up to 18 mm Wall trough Spirit level for leveling Installation instructions Device support rails Microperforated mounting plate 2x single-way socket outlet Device holder
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			Installation distribution board Basic device KLV multimedia

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 (ecI@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
---	--	----