## Eaton 178833

Eaton xComfort KLV LV systems Final Distribution Boards. Compact distribution board-flush mounting, multimedia, 4-rows, super-slim sheet steel door

PRODUCT NAME	Eaton xComfort KLV multimedia distribution board
CATALOG NUMBER	178833
PRODUCT LENGTH/DEPTH	100 mm
PRODUCT HEIGHT	715 mm
PRODUCT WIDTH	360 mm
PRODUCT WEIGHT	6.5 kg
COMPLIANCES	RoHS conform
CERTIFICATIONS	IEC/EN 62208 IEC/EN 60670-24 (GP)



USED WITH	Basic device Installation distribution board KLV multimedia
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.
ТҮРЕ	Basic device Installation distribution board KLV multimedia
FEATURES	110-compatible
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	ls 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	650 °C; meets the product standard's requirements.
10.2.4 RESISTANCE TO ULTRA-VIOLET (UV)	Not relevant to indoor installations.
RADIATION	
	Does not apply to enclosures without lifting aids.

eaton-xcomfort-compact- distribution-boxes- brochure-br014015en-en- us.pdf
eaton-lighting-xcomfort- klv-lv-systems-dimensions- 006.eps
eaton-lighting-xcomfort- klv-lv-systems-dimensions- 007.eps

IMPACT	
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	ls the panel builder's responsibility.
10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS	ls 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.
FITTED WITH:	Cable retainer Nail lugs Device support rails 2x single-way socket outlet Door/Frame
	Installation instructions Wall trough Microperforated mounting plate Device holder Spirit level for leveling 3D adjustment element for mounting designed to adjust the mounting depth by up to 18 mm
CABLE ENTRY POSTION	Cable entries on top and bottom, side, back plate
TERMINAL TYPE	Without terminals
HEAT DISS. AMBIENT 35°C DELTA T:20°C FLUSH MOUNT INDIVID. ENCL. TOP(IEC 60890)	24 W

HEAT DISS. AMBIENT 35°C DELTA T:35°C FLUSH MOUNT INDIVID. ENCL. TOP(IEC 60890)  COVER/DOOR COLOR  AMBIENT OPERATING TEMPERATURE DETAILS  APPLICATION  Indoor (installation site)  VOLTAGE RATING AT AC  COLOR  Traffic white (RAL 9016) White  NUMBER OF ROWS  FREQUENCY RATING OF CONTACTS  MODULE RACK TYPE  Media mounting plate  IKOS (impact resistance) IP30 NEMA Other  NUMBER OF MODULE SPACE UNITS PER ROW  PROTECTION CLASS  II (totally insulated)  PROTECTIVE SHROUDING MATERIAL  MATERIAL  MATERIAL  MOUNTING METHOD  NUMBER OF CORES (DUAL) - MAX  NUMBER OF MOUNTABLE CONNECTION STRIPS  MODEL  Distributor enclosure  MOUNTING DIMENSION  Other		
AMBIENT OPERATING TEMPERATURE DETAILS  APPLICATION  Indoor (installation site)  VOLTAGE RATING AT AC  COLOR  Traffic white (RAL 9016) White  NUMBER OF ROWS  FREQUENCY RATING OF CONTACTS  MODULE RACK TYPE  Media mounting plate  IK05 (impact resistance) IP30 NEMA Other  NUMBER OF MODULE SPACE UNITS PER ROW  PROTECTION CLASS  II (totally insulated)  PROTECTIVE SHROUDING MATERIAL  MATERIAL  MATERIAL  MOUNTING METHOD  NUMBER OF CORES (DUAL) - MAX  NUMBER OF MOUNTABLE CONNECTION STRIPS  MODEL  Distributor enclosure	35°C DELTA T:35°C FLUSH MOUNT INDIVID. ENCL.	48 W
TEMPERATURE DETAILS  APPLICATION  Indoor (installation site)  VOLTAGE RATING AT AC  COLOR  Traffic white (RAL 9016) White  NUMBER OF ROWS  FREQUENCY RATING OF CONTACTS  MODULE RACK TYPE  Media mounting plate  IK05 (impact resistance) IP30 NEMA Other  NUMBER OF MODULE SPACE UNITS PER ROW  PROTECTION CLASS  II (totally insulated)  PROTECTIVE SHROUDING MATERIAL  MATERIAL  MATERIAL  MATERIAL  MOUNTING METHOD  NUMBER OF CORES (DUAL) - MAX  NUMBER OF MOUNTABLE CONNECTION STRIPS  MODEL  Distributor enclosure	COVER/DOOR COLOR	White
VOLTAGE RATING AT AC       230 V AC         COLOR       Traffic white (RAL 9016) White         NUMBER OF ROWS       4         FREQUENCY RATING OF CONTACTS       50 Hz         MODULE RACK TYPE       Media mounting plate         IK05 (impact resistance) IP30 NEMA Other       IP30 NEMA Other         NUMBER OF MODULE SPACE UNITS PER ROW       12         PROTECTION CLASS       II (totally insulated)         PROTECTIVE SHROUDING MATERIAL       Without shroud for protection against accidental contact         FUNCTIONS       Basic device         MATERIAL       Polystyren (plastic) Sheet steel, powder-coated Steel plate/plastic         MOUNTING METHOD       Flush mounting DIN-compatible Flush mounted (plaster)         NUMBER OF CORES (DUAL) - MAX       12         NUMBER OF MOUNTABLE CONNECTION STRIPS       12         MODEL       Distributor enclosure		-5 °C - 40 °C
COLOR  Traffic white (RAL 9016) White  NUMBER OF ROWS  FREQUENCY RATING OF CONTACTS  MODULE RACK TYPE  Media mounting plate  IK05 (impact resistance) IP30 NEMA Other  NUMBER OF MODULE SPACE UNITS PER ROW  PROTECTION CLASS  II (totally insulated)  Without shroud for protection against accidental contact  FUNCTIONS  Basic device  Polystyren (plastic) Sheet steel, powder- coated Steel plate/plastic  Flush mounting DIN-compatible Flush mounted (plaster)  NUMBER OF CORES (DUAL) - MAX  NUMBER OF MOUNTABLE CONNECTION STRIPS  MODEL  Distributor enclosure	APPLICATION	Indoor (installation site)
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DEGREE OF PROTECTION  IK05 (impact resistance) IP30 NEMA Other  12  PROTECTION CLASS  II (totally insulated)  PROTECTIVE SHROUDING MATERIAL  POLY  PROTECTIVE SHROUDING MATERIAL  MATERIAL  MATERIAL  MOUNTING METHOD  NUMBER OF CORES (DUAL) - MAX  NUMBER OF MOUNTABLE CONNECTION STRIPS  MODEL  IK05 (impact resistance) IP30 NEMA Other  12  Without shroud for protection against accidental contact  Polystyren (plastic) Sheet steel, powder-coated Steel plate/plastic  Flush mounting DIN-compatible Flush mounted (plaster)  12  NUMBER OF MOUNTABLE CONNECTION STRIPS  MODEL  Distributor enclosure		50 Hz
DEGREE OF PROTECTIONIP30 NEMA OtherNUMBER OF MODULE SPACE UNITS PER ROW12PROTECTION CLASSII (totally insulated)PROTECTIVE SHROUDING MATERIALWithout shroud for 	MODULE RACK TYPE	Media mounting plate
PROTECTION CLASS  II (totally insulated)  PROTECTIVE SHROUDING MATERIAL  PROTECTIVE SHROUDING MATERIAL  Without shroud for protection against accidental contact  FUNCTIONS  Basic device  Polystyren (plastic) Sheet steel, powder-coated Steel plate/plastic  Flush mounting DIN-compatible Flush mounted (plaster)  NUMBER OF CORES (DUAL) - MAX  NUMBER OF MOUNTABLE CONNECTION STRIPS  MODEL  Distributor enclosure	DEGREE OF PROTECTION	IP30
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MATERIAL  Polystyren (plastic) Sheet steel, powder- coated Steel plate/plastic  Flush mounting DIN-compatible Flush mounted (plaster)  NUMBER OF CORES (DUAL) - MAX  NUMBER OF MOUNTABLE CONNECTION STRIPS  Polystyren (plastic)  Flush mounting DIN-compatible Flush mounted (plaster)  12  Distributor enclosure		protection against
MATERIAL  Sheet steel, powder-coated Steel plate/plastic  Flush mounting DIN-compatible Flush mounted (plaster)  NUMBER OF CORES (DUAL) - MAX  NUMBER OF MOUNTABLE CONNECTION STRIPS  MODEL  Sheet steel, powder-coated Flush mounting DIN-compatible Flush mounted (plaster)  12  Distributor enclosure	FUNCTIONS	Basic device
MOUNTING METHOD  DIN-compatible Flush mounted (plaster)  NUMBER OF CORES (DUAL) - MAX  NUMBER OF MOUNTABLE CONNECTION STRIPS  MODEL  Distributor enclosure	MATERIAL	Sheet steel, powder- coated
NUMBER OF MOUNTABLE CONNECTION STRIPS  MODEL  12  Distributor enclosure	MOUNTING METHOD	DIN-compatible
MOUNTABLE 12 CONNECTION STRIPS  MODEL Distributor enclosure		12
	MOUNTABLE	12
MOUNTING DIMENSION Other	MODEL	Distributor enclosure
	MOUNTING DIMENSION	Other

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
:	



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