

Compact distribution board-flush mounting; 5-rows; 60MU; super-flat sheet steel door



**Part no. KLV-60UPS-SF
302415**

General specifications		
Product name		Eaton xComfort KLV energy distribution board
Part no.		KLV-60UPS-SF
EAN		9010238160835
Product Length/Depth		100 millimetre
Product height		840 millimetre
Product width		360 millimetre
Product weight		6.93 kilogram
Compliances		RoHS conform
Certifications		IEC/EN 62208 IEC/EN 60670-24 (PD)
Product Tradename		xComfort KLV
Product Type		Energy distribution board
Product Sub Type		None
Delivery program		
Type		Basic device Installation distribution boards KLV energy
Application		Indoor
Color		White Traffic white (RAL 9016)
Technical Data - Electrical		
Frequency rating of contacts		50 Hz
Technical Data - Mechanical		
Closure type		Other
Enclosure material		Plastic
Width in number of modular spacings		12
Mounting method		DIN-rail Flush mounted (plaster) Flush mounting
Material		Sheet steel, powder-coated Polystyren (plastic)
Degree of protection		IK05 IP30
Number of module space units per row		12
Number of rows		5
Terminal type		Screw terminals
PE and N terminal number and cross section		N: 25 x (0.75 mm ² - 16 mm ²) PE: 25 x (0.75 mm ² - 16 mm ²) N - Fi: 2 x (0.75 mm ² - 16 mm ²) + 2 x (0.75 mm ² - 25 mm ²)
Built-in depth		80 mm
Built-in height		0 mm
Built-in width		0 mm
Internal depth		80 mm
Cover/door color		White
Cover/door model		With notch
Cover/door type		Door Single
Module rack type		Rail frame
Protective shrouding material		Plastic
Temperature-rise verification as per IEC 60890		
Heat diss. ambient 35°C delta T:20°C flush mount individ. encl. top(IEC 60890)		28 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			
Fitted with:			Front cover Door/Frame Cable retainer 3D adjustment element for mounting designed to adjust the mounting depth by up to 18 mm Nail lugs Spirit level for leveling Installation instructions Wall trough Imprintable sheet Device support rails Neutral and protective conductor terminals with SK screw terminal technology
Functions			Extension possible Basic device
Protection class			II (totally insulated)
RAL-number			9016
Special features			IP30 Protection Class II Plastic enclosure with sheet steel door, white (RAL 9016)
Used with			Basic device KLV energy Installation distribution boards

Technical data ETIM 8.0

Distribution boards (EG000023) / Small distribution board (EC000214)			
Electric engineering, automation, process control engineering / Electrical installation, device / Electrical distribution system (incl. small distribution board) / Small distribution board (ecl@ss10.0.1-27-14-24-09 [ACN387011])			
Mounting method			Flush mounted (plaster)
Number of rows			5
Width in number of modular spacings			12
Type of cover			Door
Cover model			With notch
Transparent cover/door			No
Material housing			Plastic
Height		mm	840
Width		mm	360
Depth		mm	100
Built-in depth		mm	80

Built-in height		mm	0
Built-in width		mm	0
Internal depth		mm	80
Earthing terminal block			No
Neutral terminal block			No
DIN-rail			Yes
With mounting plate			No
Extension possible			Yes
EMC-version			No
Colour			White
RAL-number			9016
Degree of protection (IP)			IP30
With lock			No
Type of closure			Other
Signal passing door			No