DATASHEET - KLV-60UPS-W-HY36-SF

Compact distribution board-flush mounting; Hybrid; 5-rows; 36MU; super-flat sheet steel door WIFI

EAT·N
Powering Business Worldwide™

Part no.   **KLV-60UPS-W-HY36-SF**
302459

General specifications

Product name	Eaton xComfort KLV hybrid distribution board
Part no.	KLV-60UPS-W-HY36-SF
EAN	9010238161283
Product Length/Depth	100 millimetre
Product height	840 millimetre
Product width	360 millimetre
Product weight	6.39 kilogram
Compliances	RoHS conform
Certifications	IEC/EN 60670-24 (PD) IEC/EN 62208
Product Tradename	xComfort KLV
Product Type	Hybrid distribution board
Product Sub Type	None

Delivery program

Type	Basic device Installation distribution boards KLV hybrid WIFI
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	Polystyren (plastic) Sheet steel, powder-coated
Degree of protection	IP30 IK05
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 mm² - 16 mm²) N - Fi: 2 x (0.75 mm² - 16 mm²) + 2 x (0.75 mm² - 25 mm²) PE: 25 x (0.75 mm² - 16 mm²)
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 / Media mounting plate
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:		Neutral and protective conductor terminals with SK screw terminal technology Wall trough 3D adjustment element for mounting designed to adjust the mounting depth by up to 18 mm Device holder Imprintable sheet Installation instructions Microperforated mounting plate WIFI Door/Frame Nail lugs Front cover Mounting plate 1x single-way socket outlet Spirit level for leveling Cable retainer Device support rails
Functions		Extension possible Basic device
Protection class		II (totally insulated)
RAL-number		9016
Special features		IP30 Protection Class II Plastic housing with Wi-Fi 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 hybrid WIFI Basic device 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			Yes
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