LVS08245D

Enclosure, PrismaSeT G, floor standing, 36M, W850mm, H2030mm, IP30, with Wireless Panel Server

Green Premium™

Main

Range	PrismaSeT
Range of product	PrismaSeT G Active
Product or component type	Enclosure
Range compatibility	PowerLogic PowerLogic HeatTag smart sensor PowerLogic PowerLogic PowerTag energy sensor
Device application	Low voltage electrical distribution Basic energy metering Preventive maintenance
Enclosure type	Enclosure with wireless panel server Enclosure delivered in kit form Functional enclosure Metal enclosure Indoor enclosure
Enclosure/cubicle description	Floor-standing enclosure - width 850 mm
Kit composition	Uprights Rear plate 2 side panel Top plate Bottom plate Plinth Wireless panel server Antenna with cable 2 m Wiring kit for panel server
Additional information	Can be combined side by side
Type of front plate	Without to be ordered separately
Number of vertical modules [50 mm]	36
Number of 18 mm modules per row	36
Alarm function	Cable overheating Power availability
Communication port protocol	LoRa, connection to cloud Bluetooth, connection to mobile Wireless, connection to sensors
Maximum number of connections	15
Sensor type	Cable overheating sensor 3 maximum Energy sensor 7 maximum
Upstream connectivity	LoRaWAN
Transmission support medium	Radio frequency 2.4…2.4835 GHz conforming to IEEE 802.15.4
Local signalling	Voltage indication: 3 LEDs (white) LoRa status: 1 LED (green and orange) Bluetooth status: 1 LED (blue)
Control type	Push-button (factory reset) Push-button (reboot)
Software designation	EcoStruxure Facility Expert
Commissioning interface	EcoStruxure Power Commission Mobile
Standards	IEC 61439-1 IEC 61439-2 IEC 62208 IEC 61010 for wireless panel server IEC 61326-1 for wireless panel server IEC 62974-1 for wireless panel server IEC 62443-3-3: SL1 for wireless panel server
Product certifications	ASTA[RETURN]EAC

Complementary

[Ui] rated insulation voltage	1000 V on main rear busbars conforming to IEC 61439-2
Network frequency	50/60 Hz
[In] rated current	630 A at 40 °C conforming to IEC 61439-2
Short-circuit current	50 kA
[Icw] rated short-time withstand current	25 kA 1 s conforming to IEC 61439-1
[Ipk] rated peak withstand current	53 kA conforming to IEC 61439-1
Electrical insulation class	Class I
Material	Treated sheet steel
Protective treatment	Electrophoresis treatment and hot-polymerised polyester epoxy powder
Surface finish	Textured Matt
Colour	White (RAL 9003)
[Us] rated supply voltage	400 V AC at 50/60 Hz, 3 phases + neutral
Supply voltage limits	400 V (+ 10 % - 15 %)
Maximum supply current	10 mA
Power consumption in VA	8 VA
Overvoltage category	IV
Location of connection	Downstream Upstream with additional protection
Protection type	Fuse protection integrated in power supply cable kit
Width	850 mm
Height	With plinth: 2030 mm
Depth	205 mm
Net weight	33.7 kg

Environment

IP degree of protection	IP30 with front plate IP40 with door IP41 with door and canopy IP43 with door, canopy and IP43 gasket
IK degree of protection	IK07 with front plate IK08 with transparent door IK10 with plain door
Mechanical robustness	Seismic tests - 2.5G conforming to IEC 60068-2-57
Pollution degree	3 for wireless panel server
Ambient air temperature for storage	-40…85 °C for wireless panel server
Ambient air temperature for operation	-25…70 °C for wireless panel server
Operating altitude	0...2000 m for wireless panel server
Relative humidity	93 % at 40 °C for wireless panel server

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	10.500 cm
Package 1 Width	90.500 cm
Package 1 Length	189.500 cm
Package 1 Weight	42.625 kg
Unit Type of Package 2	PAL
Number of Units in Package 2	8
Package 2 Height	97.000 cm
Package 2 Width	120.000 cm
Package 2 Length	202.000 cm
Package 2 Weight	369.000 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
PVC free	Yes