

Product data sheet

Characteristics

LVCT00102S

LVCT 100 A - 0.333 V output - split core CT -
31 mm x 100 mm



Main

Range	PowerLogic
Device short name	LVCT
Product or component type	Current transformer
Output voltage	0.333 V
Electrical connection	Cable: 1.8 m (AWG 18) 600 V
Product destination	BCPM BCPMSC Enercept IEM3000 EM3500 EM4200 EM4900
Accessory / separate part category	Measurement accessory
Current transformer type	Split core balance
[In] rated current	100 A
Network frequency	50/60 Hz

Complementary

Range compatibility	PowerLogic BCPM BCPMA multi-circuit energy meter PowerLogic BCPM BCPMB multi-circuit energy meter PowerLogic BCPM BCPME multi-circuit energy meter PowerLogic BCPMSC BCPMSCA multi-circuit energy meter PowerLogic BCPMSC BCPMSCB multi-circuit energy meter PowerLogic BCPMSC BCPMSCE multi-circuit energy meter PowerLogic EM3500 EM3502 energy meter PowerLogic EM3500 EM3550 energy meter PowerLogic EM3500 EM3555 energy meter PowerLogic EM3500 EM3560 energy meter PowerLogic EM3500 EM3561 energy meter PowerLogic EM4200 EM4235 energy meter PowerLogic EM4200 EM4236 energy meter PowerLogic EM4900 EM4904 multi-circuit energy meter PowerLogic EM4900 EM4908 multi-circuit energy meter PowerLogic EM4900 EM4914 multi-circuit energy meter PowerLogic EM4900 EM4928 multi-circuit energy meter Acti 9 iEM3000 iEM3455 energy meter Acti 9 iEM3000 iEM3465 energy meter
Measurement accuracy	1 % 10...100 %

Environment

Relative humidity	95 %
Ambient air temperature for operation	-15...60 °C
Ambient air temperature for storage	-40...70 °C
Width	31 Mm internal: 121 mm external:
Depth	30 mm
Height	30 Mm internal: 100 mm external:
Net weight	0.34 kg

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	590.91 g
Package 1 Height	10.2 cm
Package 1 width	21 cm
Package 1 Length	25.4 cm
Unit Type of Package 2	S04
Number of Units in Package 2	7
Package 2 Weight	5.491 kg
Package 2 Height	30 cm
Package 2 width	40 cm
Package 2 Length	60 cm

Offer Sustainability

REACH free of SVHC	Yes
EU RoHS Directive	Compliant  EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	 Yes
China RoHS Regulation	 China RoHS Declaration

Contractual warranty

Warranty	18 months
----------	-----------