

Insulation & Safety

Power Frequency Withstand Voltage	4000 V / 10 s, 1mA
Insulation Resistance	100 MΩ @ 500 VDC
Open-Circuit Protective Voltage	6 ... 8 V
Enclosure Flame Retardant Rating	UL 94-V0

Ambient Conditions

Temperature	-40 ... 55 °C / -40 ... 131 °F
Storage Temperature	-40 ... 85 °C / -40 ... 185 °F
Humidity	max. 95% r.H. (non-condensing)
Ingress Protection	IP40

Secondary Output Cable

Wire cross-section	0.5 mm ² / AWG 22
Cable length	5 m (trimmable to 1 m)
Termination	tinned wire ends (5 ... 10 mm)

V120825

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For additional information,
declaration of conformity, visit
www.loxone.com/datasheets

Need Help?
loxone.com/support



40mA Current Transformers 100A 16mm

Part No.: 100680

About the product

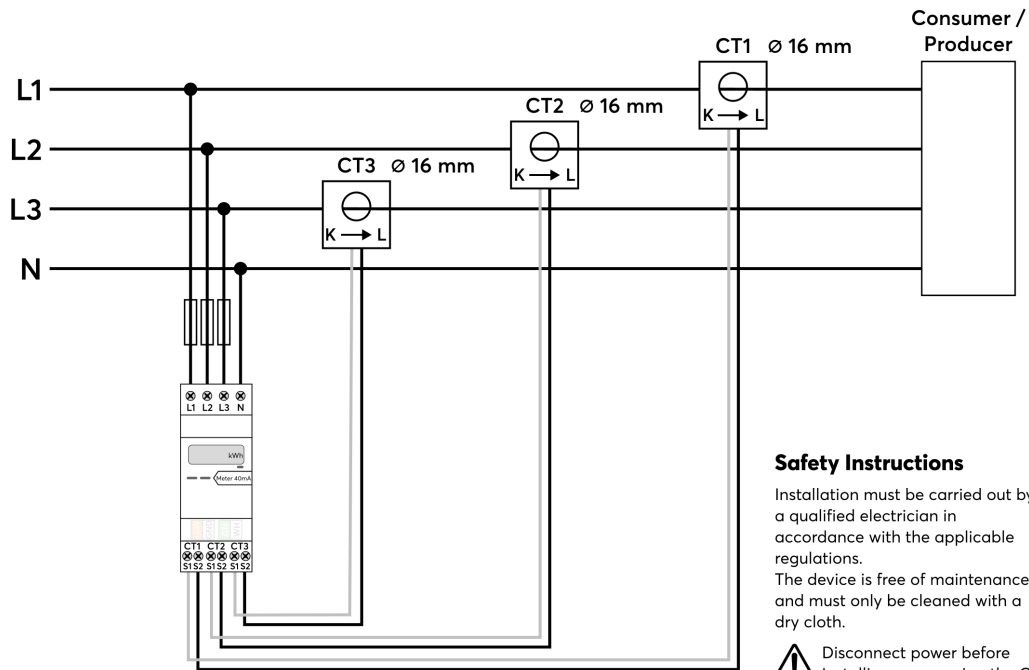
Set of three split-core current transformers designed for use with the Loxone Energy Meter for 40mA Current Transformers Tree. With a 100 A primary rating and a 16 mm aperture, they are suitable for residential grid connections and commercial installations. Each CT includes a 5 m color-coded cable, directional markings, and a cable tie mount for secure installation.

Features

- Set of 3 split-core CTs
- Primary current: 100 A / Secondary: 40 mA
- Aperture: 16 mm
- Cable: 5 m (trimmable to 1 m) with black and white leads
- Accuracy Class 0.5


Electrical Specifications

Rated Primary Current	100 A
Rated Secondary Current	40 mA
Accuracy Class	0.5
Rated Load	3.9 Ω
Operating Frequency	50/60 Hz
Linear Measurement Range	5 ... 120 % of rated primary current



Safety Instructions

Installation must be carried out by a qualified electrician in accordance with the applicable regulations. The device is free of maintenance and must only be cleaned with a dry cloth.

 Disconnect power before installing or removing the CT.