

CTM



Split core current sensor



Benefits

- **Adaptability and flexibility.** It can be installed in existent applications.
- **Fast installation.** The opening/closing mechanism makes installation fast even in existent applications.

Description

Split core current sensor (mA output) with compact dimensions, suitable for retrofit applications. It manages primary current up to 100 A.

Applications

CTM is the ideal solution for quick and easy installation without disconnecting cables during installation. It is indicated for any application (residential, commercial and industrial), especially for retrofitting where installing a solid core current transformer is not possible, in combination with third party devices requiring mA current input.

Main features

- Suitable for retrofit applications
- 16 mm hole diameter
- Cable length: 1 m
- 33.3 mA secondary output (turn ratio: 3000)

Features

General

Material	Nylon
Protection degree	IP35
Secondary output	cable, 24 AWG (0.2 mm ²)
Mounting	Cable
Weight (g)	60

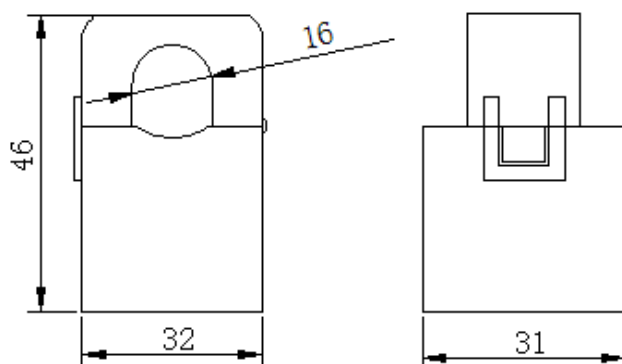


Fig. 1 CTM-2Z

Environmental specifications

Operating temperature	-25° to +60°C (-13 to 140 F°)
Storage temperature	-25° to +80°C (-13 to 176 F°)

Conformity

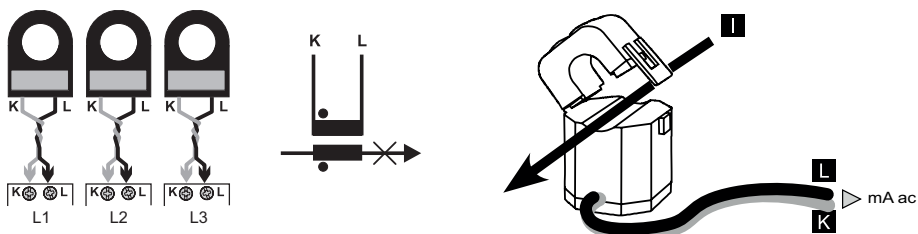
Approvals	CE
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Electrical specifications

Current	
Maximum current (continuous)	1.2 x I _n
Secondary output	33.3 mA ac
Rated system voltage	600 V ac
Accuracy	1%
Maximum secondary output resistance (RL)	10 Ω
Dielectric withstand voltage (Hi-pot)	2.5k V ac/1min

Model	Model Primary current (A)	Max cable diameter (mm)	Max busbar size (mm)
CTM-2Z	100	16	-

Connection Diagrams



References



Enter the code, replacing the symbol with the selected option (e.g.: CTM **2Z100A** 33MA).

Code	Option	Description
C	-	-
T	-	-
M	-	-
<input type="checkbox"/>	2Z100A	Model (2Z= 16 mm hole diameter), primary current (100 A)
33MA	-	Secondary current (33.33 mA)

Further reading

Information	Document	Where to find it
Instruction manual	Instruction manual: CTV_X	www.gavazziautomation.com



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