



SC3-125

SC3-125, Split core current transformer

Code: M73602.

- > Usefull diam.(mm): 15
- > System: Three-phase
- > Class 0,5 Power (VA): 0,1
- > Max. Current (A): 125

Description

Efficient current transformers that have been specially designed to be installed on top of a switch. The most important feature of these split-core transformers is that they are very easy to install. In other words, the electrical installation does not have to be dismantled in order to install them.

- o 125 A Transformers with a 250 mA secondary
- o Compatible with **CIRCUITOR**'s MC range of products:
- o CVM-MINI, CVM-NET, CVM-NET4+, CVM-C, CVM-B, CDP-O, CDP-G.

Application

- o Installation in reduced spaces, using the space above the circuit breakers or earth leakage protection devices.
- o Installations in which dismantling procedures are complex
- o When a technical interruption of the installation's operation is not possible.



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Specifications

Electrical characteristics

Power	0.1 VA (Class 0,5)
Insulation voltage between terminals S1-S2	3 kV

Mechanical characteristics

Size (mm) width x height x depth	116.5 x 60 x 38 (mm)
Envelope	Plastic V0 self-extinguishing
Weight (kg)	0,369

Environmental characteristics

Thermal Class	Class B (+130 °C)
Protection class	IP 20
Storage temperature	-40 ... +80 °C

Specific technical characteristics of current sensors

Inner diameter Ø (mm)	15
Operating voltage	0,72 kV~ máx.

Current measurement circuit

Nominal frequency	50 / 60 Hz
Primary current measurement	125 A
Dynamic current (I _{dyn})	2,5 I _{th}
Thermal short-circuit current (I _{th})	60 I _n
Transformation ratio	... / 250 mA

Standards

Standards	IEC 60044-1
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Measurement accuracy

Accuracy	Clase 0,5
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SC3
Split three-phase current transformers

CODE	TYPE	Class 0,5 Power (VA)	Usefull diam.(mm)
M73602.	SC3-125	0,1	15

The MC/SC3 transformers with a 250 mA output are only compatible with CVM NET-MC, CVM-A, CVM-B, CVM-E3-MINI and CVM-C units.

Dimensions

