

SC3

Efficient split-core current transformers



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.

- 125 A Transformers with a 250 mA secondary
- Compatible with CIRCUTOR's MC range of products: CVM-MINI, CVM-NET, CVM-NET4+, CVM-C, CVM-B, CDP-0, CDP-G.

Applications

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

Technical features

Electrical features	Current primary	125 A	
	Output current	250 mA	
	Frequency	50 / 60 Hz	
	Insulation voltage	3 kVac	
	Thermal short-circuit current, I_{th}	60 I_n	
	Dynamic current, I_{dyn}	2.5 I_{th}	
	Consumption	0.1 VA	
	Highest voltage for the material	0.72 kVac	
	Class	1	
	Build features	Window size	14 mm
		Maximum diameter of the conductor	14 mm
Thermal class		B (130 °C)	
Storage temperature		-40...85 °C	
Type of encapsulation		Self-extinguishing VO Plastic UNE 21031	
Secondary connection		Sealed wire	
Secondary terminals		IP 20	
Standards	IEC 60044-1		

References

Maximum current	Internal Ø	Type	Code
125 A	14 mm	SC3-125	M73602

Dimensions

SC3-125

