

TCB-420-35-20A

TCB-420-35-20A, Current transformer with converter 4 ... 20 mA

Code: M71014. **CONSULTAR DISPONIBILIDAD**

> Inner diameter (mm): 35
> Analog output: 4...20 mA
> Measurement Range (A): 20
> Input current: 20 A
> Transformer type: Current transformer with 4 ... 20 mA converter

Description

- Built-in internal output power supply
- Needs an auxiliary power supply of 230 V ac
- Primary current: from 2.5 to 1500 A ac, depending on the type
- Secondary current: 4..20 mA
- Internal diameter / Busbar dimensions: from 35 to 105 mm

Application

Used in power lines to obtain a current proportional to the primary current rated at 4... 20 mA in the secondary

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Specifications

Auxiliary power supply

Voltage	230 Vac

Mechanical characteristics

Size (mm) width x height x depth	166 x 79 x 33 (mm)
Weight (kg)	0,29

Environmental characteristics

Working temperature	-10°...+50 °C

Specific technical characteristics of current sensors

Inner diameter Ø (mm)	35
Operating voltage	0,72 kV~ max.

Current measurement circuit

Nominal frequency	53 / 60 Hz
Primary current measurement	20 A
Permanent overload	1,5 In
Transformation ratio	4 ... 20 mA

Standards

Standards	IEC 44-1, UNE 21 088-1, IEC 664, VDE0110, VDE0414, UL 94, IEC 1010-1, EN 61010-1

Measurement accuracy

Accuracy	±1,5% In

For greater currents, use: transformer + transducer