



TCM-420-25-50A

TCM-420-25-50A, Current transformer with converter 4 ... 20 mA

Code: M71045.

- > Inner diameter (mm): 25
- > Analog output: 4...20 mA
- > Measurement Range (A): 50
- > Input current: 50 A
- > Transformer type: Current transformer with 4 ... 20 mA converter

Specifications

Auxiliary power supply

Voltage	230 Vac
---------	---------

Mechanical characteristics

Size (mm) width x height x depth	70 x 87 x 70 (mm)
Weight (kg)	0,181

Environmental characteristics

Working temperature	-10°...+50 °C
---------------------	---------------

Specific technical characteristics of current sensors

Inner diameter Ø (mm)	25
Operating voltage	0,72 kV~ max.

Current measurement circuit

Nominal frequency	65 / 60 Hz
Primary current measurement	50 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
----------	----------

TCM-420-25

Current transformer with converter 4...20 mA, flat strip 25 mm

CODE	TYPE	Measurement Range (A)	Inner diameter (mm)
Output internal supply 4...20 mA (230 Vac Auxiliary supply)			
M71041.	TCM-420-25-2.5A	2.5	25
M71042.	TCM-420-25-5A	5	25
M71043.	TCM-420-25-10A	10	25



TCM-420-25-50A

Code: M71045.

CODE	TYPE	Measurement Range (A)	Inner diameter (mm)
M71044.	TCM-420-25-20A	20	25
M71045.	TCM-420-25-50A	50	25
M71046.	TCM-420-25-100A	100	25
M71047.	TCM-420-25-200A	200	25



TCM-420-25-50A

Code: M71045.

Dimensions

