TCB-420-70-750A

TCB-420-70-750A, Current transformer with converter 4 ... 20 mA

Code: M71024.

> Inner diameter (mm): 70
> Analog output: 4...20 mA
> Measurement Range (A): 750
> Input current: 750 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

TCB-420-70-750A

Current transformer with converter 4 ... 20 mA

Code: M71024.

Specifications

Auxiliary power supply	
Voltage	230 Vac

Mechanical characteristics	
Size (mm) width x height x depth	196 x 110 x 33 (mm)
Weight (kg)	0,52

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

Specific technical characteristics of current sensors	
Inner diameter Ø (mm)	70
Operating voltage	0,72 kV~ max.

Current measurement circuit	
Nominal frequency	60 / 60 Hz
Primary current measurement	750 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

TCB
Current transformer with converter 4...20 mA

CODE	TYPE	Measurement Range (A)	Inner diameter (mm)
Output internal supply 4...20 mA (230 Vac Auxiliary supply)			
M71012.	TCB-420-35-5A	5	35
M71013.	TCB-420-35-10A	10	35
M71014.	TCB-420-35-20A	20	35
M71015.	TCB-420-35-50A	50	35
M71016.	TCB-420-35-100A	100	35
M71017.	TCB-420-35-250A	250	35
M71021.	TCB-420-70-100A	100	70

TCB-420-70-750A

Current transformer with converter 4 ... 20 mA

Code: M71024.

CODE	TYPE	Measurement Range (A)	Inner diameter (mm)
M71022.	TCB-420-70-250A	250	70
M71023.	TCB-420-70-500A	500	70
M71024.	TCB-420-70-750A	750	70

For greater currents, use: transformer + transducer