



TM45 15 /5A, Current transformers, winding primary, DIN rail

Code: M70603.

> System: Single-phase > Class 0,5 Power (VA): 2,5 > Class 1 Power (VA): 5

> Class 3 Power (VA): 7

> Measurement Range (A): 15/5

> Input current: 15 A

> Transformer type: Winding primary

Description

- $\circ~$ Types: from 1 to 40 A
- Wound primary
- O Assembly on DIN rail

Application

Converting a high nominal current to a lower current so that it can be measured by the unit. In installations where the nominal current is not too high or a transformer has to be installed on the DIN rail.







Current transformers, busbar and winding primary

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Specifications

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Electrical characteristics			
Safety factor (SF)	FS < 5		
Power	2.5 VA (Class 0,5)		
Mechanical characteristics			
Size (mm) width x height x depth	52.5 x 85 x 70 (mm)		
Envelope	Plastic wrap V0 self-extinguishing		
Fastening	DIN rail		
Weight (kg)	0,289		
Environmental characteristics			
Thermal Class	Class A (+105 °C)		
Specific technical characteristics of current sensors			
Operating voltage	0,72 kV~ max.		
Current measurement circuit			
Nominal frequency	50 / 60 Hz		
Primary current measurement	15 A		
Dynamic current (Idyn)	2,5 lth		
Thermal short-circuit current (Ith)	60 In		
Transformation ratio	/ 5 A		
Standards			
Standards	IEC 44-1, UNE 21 088-1, UL 94, VDE 0414		

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	Measurement Range (A)	Class 0,5 Power (VA)	class i Power (VA)	Class 3 Power (VA)
TM45 5 /5A	5/5	2,5	5	7
TM45 10 /5A	10/5	2,5	5	7
TM45 15 /5A	15/5	2,5	5	7
TM45 20 /5A	20/5	2,5	5	7
TM45 25/5A	25/5	2,5	5	7
TM45 30 /5A	30/5	2,5	5	7
TM45 40 /5A	40/5	2,5	5	7
TM45 50 /5A	50/5	2,5	5	7
	TM45 10 /5A TM45 15 /5A TM45 20 /5A TM45 25/5A TM45 30 /5A TM45 40 /5A	TM45 10 /5A 10/5 TM45 15 /5A 15/5 TM45 20 /5A 20/5 TM45 25/5A 25/5 TM45 30 /5A 30/5 TM45 40 /5A 40/5	TM45 10 /5A 10/5 2,5 TM45 15 /5A 15/5 2,5 TM45 20 /5A 20/5 2,5 TM45 25/5A 25/5 2,5 TM45 30 /5A 30/5 2,5 TM45 40 /5A 40/5 2,5	TM45 10 /5A 10/5 2,5 5 TM45 15 /5A 15/5 2,5 5 TM45 20 /5A 20/5 2,5 5 TM45 25/5A 25/5 2,5 5 TM45 30 /5A 30/5 2,5 5 TM45 40 /5A 40/5 2,5 5







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CODE	TYPE	Measurement Range (A)	Class 0,5 Power (VA)	Class 1 Power (VA)	Class 3 Power (VA)
M70609.	TM45 1 /5A	1/5	2,5	5	7

For other configurations see table of additional features







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Dimensions Connections



