



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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CODE	TYPE	Measurement Range (A)	Class 0,5 Power (VA)	Class 1 Power (VA)	Class 3 Power (VA)
M70601.	TM45 5 /5A	5/5	2,5	5	7
M70602.	TM45 10 /5A	10/5	2,5	5	7
M70603.	TM45 15 /5A	15/5	2,5	5	7
M70604.	TM45 20 /5A	20/5	2,5	5	7
M70605.	TM45 25/5A	25/5	2,5	5	7
M70606.	TM45 30 /5A	30/5	2,5	5	7
M70607.	TM45 40 /5A	40/5	2,5	5	7
M70608.	TM45 50 /5A	50/5	2,5	5	7







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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





