

Current transformers

TM 45

Wound primary current transformer



Description

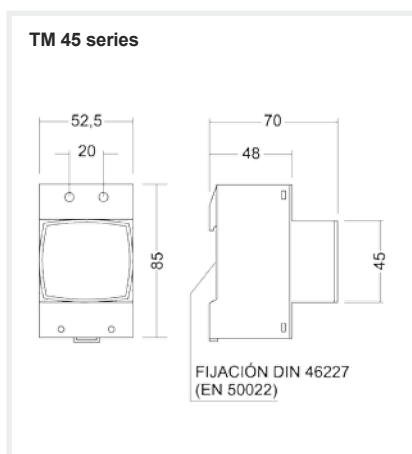
- Types: from 1 to 40 A
- Wound primary
- Assembly on DIN rail
- Transformer certificate sheet is attached

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.


Dimensions



Features

Frequency	50 / 60 Hz
Isolation voltage	3 kVac
Thermal short-circuit current, I_{th}	$60 I_n$
Dynamic current, I_{dyn}	$2.5 I_{th}$
Highest current in the material	0.72 kVac
Thermal class	A (105 °C)
Type of encapsulation	VO self-extinguishing plastic
Safety factor	$F_s < 5$
Secondary sealable terminals	Yes
Standards	
	IEC 44-1, UNE 21 088-1, UL 94, VDE 0414

References

Type	TM 45				
	Wound Primary				
Dimensions (mm)					
		a	b	c	
		85	52,5	70	
A	V-A	Class			Code
		0,5	1	3	
5/5	2,5	5	7	[*] M70601	
10/5	2,5	5	7	[*] M70602	
15/5	2,5	5	7	[*] M70603	
20/5	2,5	5	7	[*] M70604	
25/5	2,5	5	7	[*] M70605	
30/5	2,5	5	7	[*] M70606	
40/5	2,5	5	7	[*] M70607	
50/5	2,5	5	7	[*] M70608	