

General features Transformers



General

Measuring and protection transformers. Wound primary, bus-bar, split core and narrow profile transformers.

For cable or bus-bar

Plastic or resin encapsulated casing (depending on the type)

With fixing support and/or bar enclosing screws depending on type

Fixing to DIN rail (on request)

Standards

IEC 185	IEC 801/1-3.4	EN 50081
UNE EN 61869	DIN 57414	EN 50082
VDE 0414	BS 3938	IEC 1010

General technical specifications

Security factor	$F_s < 5$
Rated voltage (maximum)	720 V
Test voltage	3 kV AC (1 min)
Frequency	50 - 60 Hz
Rated short-time thermal current	$I_{th} = 60 I_n$ (for wound primary transformers) I_{th} limited by cable sizes or primary bus-bar for other cases
Rated dynamic current	$IDyn = 2,5 \times I_{th}$
Continuous overload	$ID = 1,2 \times I_n$
Operating temperature	-10 °C / +50 °C
Accuracy	0,5 - 1 - 3 (0,2 - 0,2s - 0,5s on request)
Rated secondary current	/5A - /1A
Insulation class	Clase E Clase B (130 °C available)

* These specifications are generic. Check the particular specification for each model.



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