

Features

- Wide Range of Primary Currents
- Compact & Durable Design
- Safe & Insulated Construction
- High Accuracy

RS PRO Current Transformers

RS Stock No.: 0557780



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

Low voltage current transformers are designed for accurate current measurement and protection in electrical systems. They reduce high currents to measurable levels, making them suitable for monitoring, metering, and protective relay applications.

Best suited for:

- Electrical panels and power factor correction systems
- Industrial facilities, factories, and energy monitoring solutions
- Distribution panels and substations

Not suitable for:

- Medium and high voltage applications
- Direct high-current applications (e.g., transformer primary circuits)

Compatibility & Usage :Measuring devices, Protection relays, Energy monitoring & analysis.

General Specifications

Operating Voltage	720 V
Operating Frequency	50/60Hz
Operating Temperature	-5°C...+40°C
Input Current	50-300A
Output Current	5A
Rated Power	1-5VA
Usage type	Indoor/Panel

Mechanical Specifications

Wire Thermal Class	H(180°C max.)
Flammability Rating	V-2
Secondary Terminal	Nickel Plated Brass M5 Screw
Transformer Type	Base Mounted
Recommended Tightening Torque	2Nm (Secondary Terminal)

Electrical Specifications

Nominal Continuous Thermal Current	1,2xIn
Nominal Thermal Short-Circuit Current (Ith)	60xIn max 60kA 1 sec
Nominal Dynamic Current (Idyn)	2,5xIth 1 period

Isolation test voltage	3kV/1 min
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Protection Category

Protection Degree	IP20
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Approvals

Declarations	ROHS & REACH
Standards Met	EN 61869-2 / IEC 61869-2

Similar Products

RS Pro No	Current Ratio	Class 0,5	Class 1	Class 3
M6007	40/5A			1 VA
M6008	50/5A			1,25 VA
M6009	60/5A		1,25 VA	
M6010	75/5A		1,5 VA	
M6011	100/5A	1,5VA		
M6012	125/5A	2VA		
M6017 / M6013	150/5A	2,5VA	5 VA	
M6014	200/5A	2,5VA		
M6015	250/5A	5VA		
M6016	300/5A	5VA		

