

Accessories

Split-core Current Transformer, 1-Phase AC

Type SCT74/30



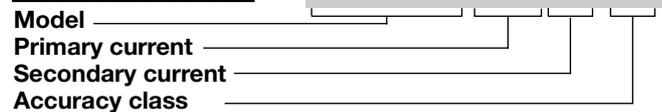
- Split-core current transformer
- Cable/bus-bar type current transformer
- 5A (1A on request) secondary current
- Screws and nuts for busbar mounting

Product Description

These split core current transformers can be used for currents from 100A to 400A. The current transformers are made according to BS3938, EN60044-1 and DIN42600 standards.

Ordering Key

SCT7430 2005A C1



Type Selection

Model SCT7430	Primary Current	Secondary current	Accuracy class
Bus-bar size: 31 x 26 mm	Refer to Range Table	5A 1A (on request)	1 ... 3 (see table) 0.5 (on request)

Input Specifications

Operating frequency	50 to 60 Hz
Max. system voltage	0.72 kV
Rated insulation level	4kV _{RMS} , 50Hz, 1 min
Short-time current rating	60 I _n 2.5 x I _{th}
Extended current rating	120%
Security factor (FS)	5, 10

General Specifications

Insulation class	E (MAX 120°C)
Protection	IP00
Working temperature range	-20 to 45°C
Storage temperature	-50 to 80°C
Standards	According to BS3938, EN60044-1 and DIN42600
Connection	The secondary terminals have two connections on each side. Connection with M4 (M5) screws easy to handle and securing low contact resistance.
Housing	ABS, self-extinguishing: UL 94 V-0
Mounting	DIN-rail/bus-bar and panel mounting (bracket supplied with the CT)
Standard accessories	Screw and nut for busbar mounting
Accessories on request	Clip, for DIN EN50022 rail
Special features	The terminal cover is fitted for a lead seal. This execution complies with the VGB4 protection of DIN57106 standard.
Cable diameter	Max. 26 mm
Bus-bar size	31 x 26 mm

Output Specifications

Rated secondary current	5 A standard 1 A (on request)
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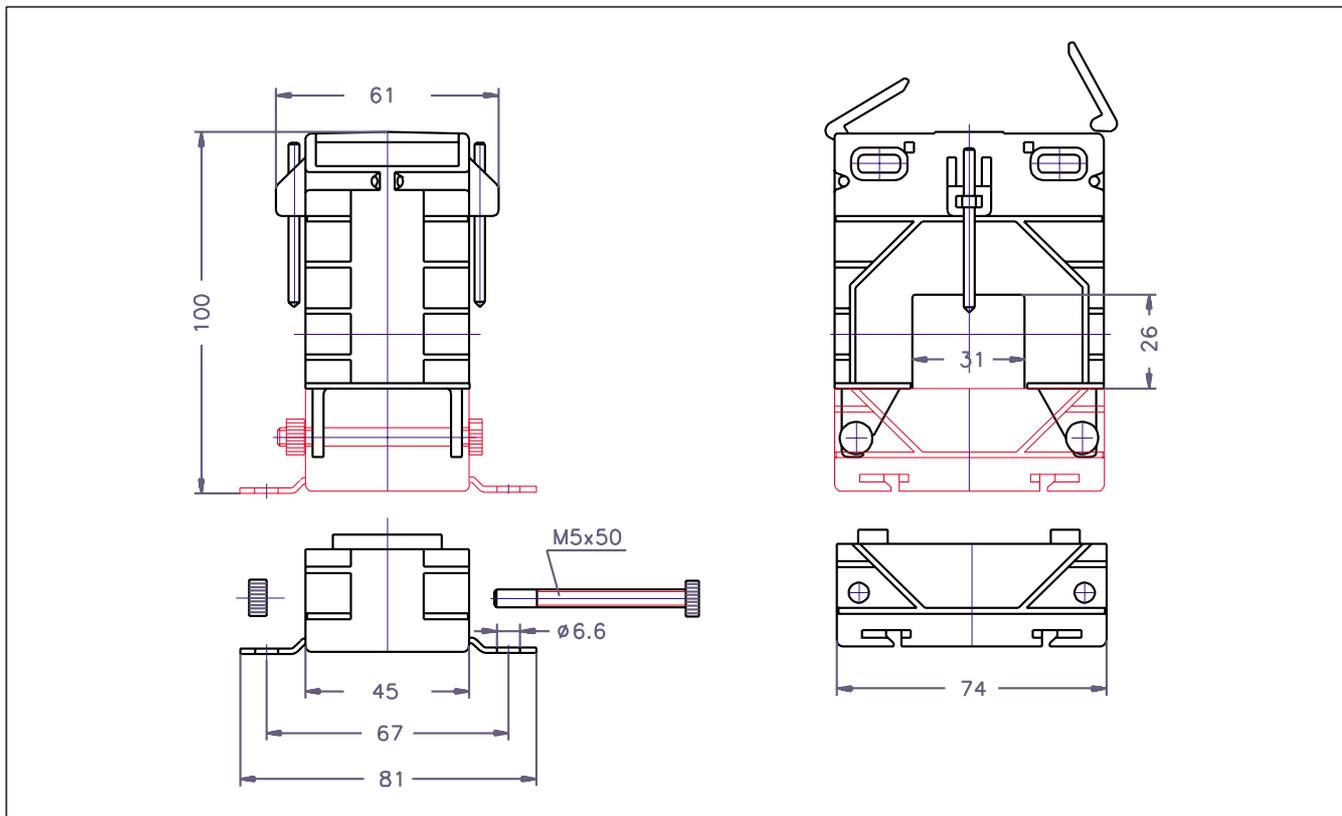


Range Table

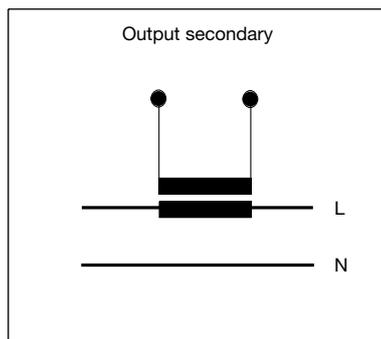
Rated Primary Current	Rated secondary current 5 A (1 A on request)		
	Class 1 Burden	Class 3 Burden	Class 0.5 (*) Burden
100 A	-	1.5 VA	-
125 A	1.5 VA	-	-
150 A	-	2.5 VA	-
200 A	1.5 VA	5 VA	-
250 A	1.5 VA	5 VA	-
300 A	1.5 VA	7.5 VA	-
400 A	5 VA	10 VA	1.5 VA

* On request

Dimensions (mm)



Wiring Diagram



Standard and optional Accessories

Screws and nuts for busbar mounting (standard) and clip for DIN EN50022 rail mounting (on request).

