

SHM Miniclip Split-core Current Transformer With Extended Aperture SCCT-2X Data Sheet

Product description

The very compact SHM SCCT-2X split-core current transformer is especially designed for connection to digital measurement systems. The accuracy of these current transformers ensures highly accurate current measurements. All SCCT-2X current transformers are rated for the specified burden at the end of the secondary leads. The SCCT-2X is extremely easy to install; the top part can be separated entirely. The SCCT-2X is supplied with colour coded secondary leads and correct closing of the current transformer is guaranteed by a distinct sound of a 'click'. Two tie wraps are included for easy assembly of the current transformer on the primary conductors.

Ordering specifications

Ratio	Class	Burden	Part number SCCT-2E	Part number SCCT-2L
250/1A	1	0.5VA	SCCT-2E-2501	SCCT-2L-2501
300/1A	1	0.5VA	SCCT-2E-3001	SCCT-2L-3001
400/1A	0.5	0.5VA	SCCT-2E-4001	SCCT-2L-4001
500/1A	0.5	0.5VA	SCCT-2E-5001	SCCT-2L-5001
600/1A	0.5	0.5VA	SCCT-2E-6001	SCCT-2L-6001
750/1A	0.5	0.5VA	SCCT-2E-7501	SCCT-2L-7501
800/1A	0.5	0.5VA	SCCT-2E-8001	SCCT-2L-8001
1000/1A*	0.5	0.5VA	SCCT-2E-10001	SCCT-2L-10001
300/5A	1	0.5VA	SCCT-2E-3005	SCCT-2L-3005
400/5A	1	0.5VA	SCCT-2E-4005	SCCT-2L-4005
500/5A	1	0.5VA	SCCT-2E-5005	SCCT-2L-5005
600/5A	0.5	0.5VA	SCCT-2E-6005	SCCT-2L-6005
750/5A	0.5	0.5VA	SCCT-2E-7505	SCCT-2L-7505
800/5A	0.5	0.5VA	SCCT-2E-8005	SCCT-2L-8005
1000/5A*	0.5	0.5VA	SCCT-2E-10005	SCCT-2L-10005

Note: Burden is specified at end of the secondary leads

Technical specifications

Rated short-term I _{th}	60 x I _n /1s	
Continuous current	100%	
Insulation class	E (max 120°C)	
Protection degree	IP20	
Ambient temperature	-10 to +55°C	* -10 to +40°C
Primary window dimensions	SCCT-2X-E max. 42mm x 43mm SCCT-2X-L max. 42mm x 85mm	
Secondary leads	1A L = 3m cable 0.5mm ² flexible 5A L = 3m cable 1.5mm ² flexible	



Dimensions

SCCT-2E

SCCT-2L

