

POWER MONITORING & PROTECTION

AC CURRENT TRANSDUCERS WITH VOLTAGE OUTPUT

CX, SCX SERIES

DESCRIPTION

The Kele CX/SCX Series AC Current Transducers with Voltage Output can be used to directly monitor up to 200A and output a 0-5 or 0-10 VDC signal. Available in a split-core design that allows for easy installation on existing wiring or in a lower-cost solid-core version.

FEATURES

- May eliminate the need for a current transformer
- Small size
- No power supply needed
- Split-core model easily installed over existing cable
- UL listed, CE certified

SPECIFICATIONS

MODEL	RANGE (amps)	OUTPUT	JUMPER	MAX CONT (amps)
CX05V50	0-10	0-5 VDC	None	80
SCX05V50	0-20		Mid	120
	0-50		High	200
CX05V200	0-100	0-5 VDC	None	175
SCX05V200	0-150		Mid	300
	0-200		High	400
CX10V50	0-10	0-10 VDC	None	80
SCX10V50	0-20		Mid	120
	0-50		High	200
CX10V200	0-100	0-10 VDC	None	125
SCX10V200	0-150		Mid	300
	0-200		High	400

Output	0-5 VDC or 0-10 VDC
Accuracy	±1% FS over 5% to 100% of range
Loading	1 MΩ required for rated accuracy 100 kΩ load add 1.3% error
Power supply	None required
Frequency	50-60 Hz
Response time	250 ms, 0-90%
Operating temp	-22° to 158°F (-30° to 70°C)
Case	Thermoplastic (meets UL flammability rating 94V-0)
Weight	0.25 lb (0.11 kg)
Isolation	UL listed to 1270 VAC
Agency approvals	UL and ULC listed, File #E320368, CE
Warranty	5 years



SCX05V50



CX05V50



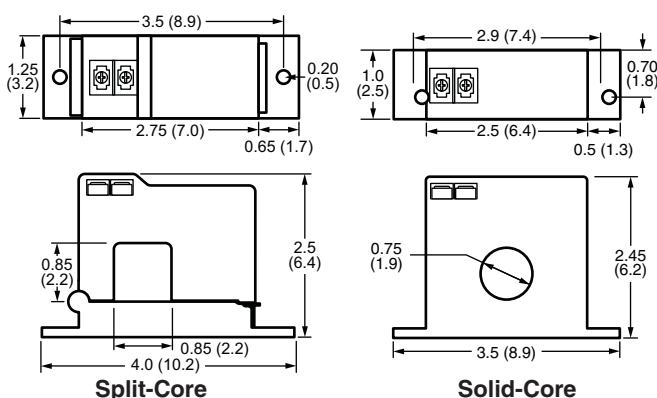
SCX10V200



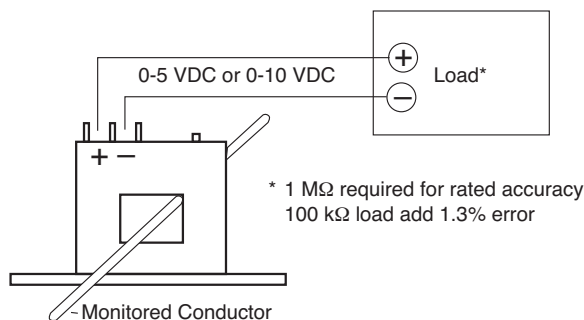
CX10V200



DIMENSIONS - in (cm)



WIRING



ORDERING INFORMATION

MODEL	DESCRIPTION
CX05V50	Solid-core current transducer, 0-50A, 0-5 VDC output
CX05V200	Solid-core current transducer, 0-200A, 0-5 VDC output
CX10V50	Solid-core current transducer, 0-50A, 0-10 VDC output
CX10V200	Solid-core current transducer, 0-200A, 0-10 VDC output
SCX05V50	Split-core current transducer, 0-50A, 0-5 VDC output
SCX05V200	Split-core current transducer, 0-200A, 0-5 VDC output
SCX10V50	Split-core current transducer, 0-50A, 0-10 VDC output
SCX10V200	Split-core current transducer, 0-200A, 0-10 VDC output