

POWER MONITORING & PROTECTION

AC CURRENT TRANSDUCERS WITH CURRENT OUTPUT CX, SCX SERIES (CURRENT)

DESCRIPTION

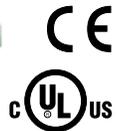
The Kele CX/SCX Series AC current transducers can be used to directly monitor up to 200 amps and output a 4-20 mA signal. Available in a split-core design that allows for easy installation of the transducer on existing wiring or in a lower cost solid-core version.

FEATURES

- May eliminate the need for a current transformer
- Small size
- Loop powered
- Easily installed over existing cable with split-core design
- UL listed, CE certified



Kele

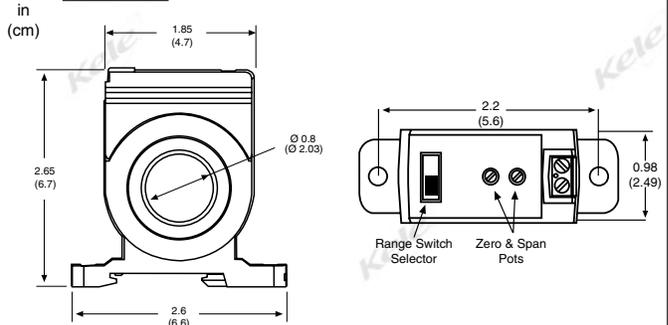


SPECIFICATIONS

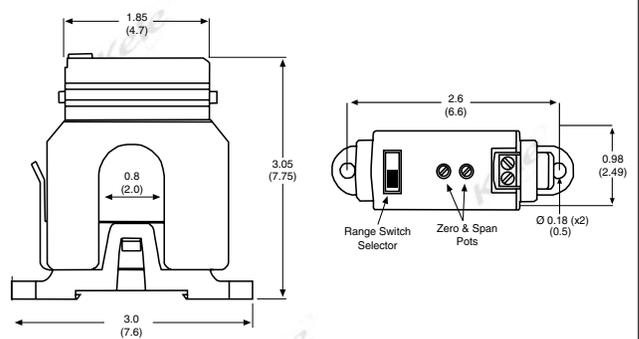
Supply Voltage	15-30 VDC
Frequency	
CX	40-100 Hz
SCX	50-100 Hz
Measurement Range	Up to 200 Amps
Accuracy	
CX	±2% FSO (5-100% of range)
SCX	± 2% FSO (10-100% of range)
Signal Output	4-20 mA @ 250Ω
Insulation Class	600 VAC, insulated conductors
Response Time	250 mS typical, 0-90%
Operating Temperature	5° to 140°F (-15° to 60°C)
Operating Humidity	5-90% RH, non-condensing
Terminals	14 to 22 AWG
Enclosure Rating	NEMA 1, ABS/PC, UL94 V-0
Mounting	Foot
Dimensions	
CX	2.65"H x 2.6"W x 0.98"D (6.7 x 6.6 x 2.49 cm)
SCX	3.05"H x 3.0"W x 0.98"D (7.75 x 7.6 x 2.5 cm)
Window Size	0.8" (2.03 cm)
Weight	0.25 lb (0.11 Kg)
Approvals	UL File #E339785
Warranty	5 years

DIMENSIONS

Solid Core



Split Core



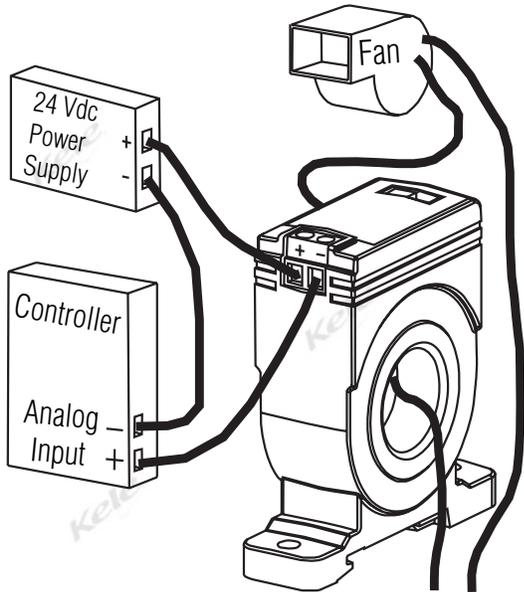
NOTE: The range switch/jumper is not applicable for models with 1 fixed range

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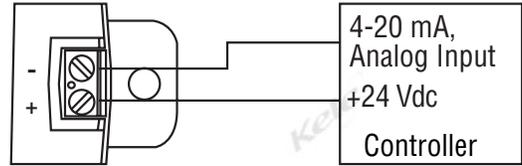


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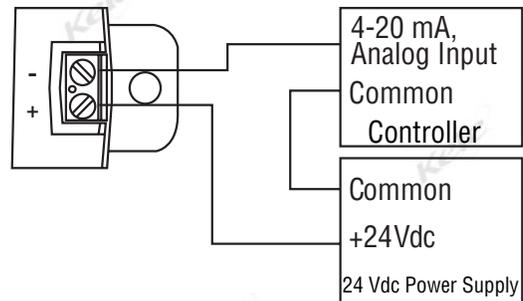
WIRING



600 Vac max
200 Amps max
Insulated Conductors Only



Wiring for a 4-20 mA loop-powered output signal and 24 Vdc power from controller



Wiring for a 4-20 mA loop-powered output signal and 24 Vdc external power supply

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ORDERING INFORMATION

MODEL	SENSING RANGE	MAXIMUM INPUT CURRENT	SIGNAL OUTPUT	CORE TYPE
CX42050	0- 20/40/50 Amps - Switch Selectable	100 Amps Continuous	4-20 mA	Solid-core
CX420150	0-50/100/150 Amps - Switch Selectable	150 Amps Continuous	4-20 mA	Solid-core
CX420200	0-200 Amps	250 Amps Continuous	4-20 mA	Solid-core
SCX42060	0-20/40/60 Amps - Switch Selectable	100 Amps Continuous	4-20 mA	Split-core
SCX420150	0-50/100/150 Amps - Switch Selectable	150 Amps Continuous	4-20 mA	Split-core
SCX420200	0-200 Amps	250 Amps Continuous	4-20 mA	Split-core