

Terminal Breakout Box Kit for Use with Shark® 270 I/O

MODEL: CONN20163-KT

Description

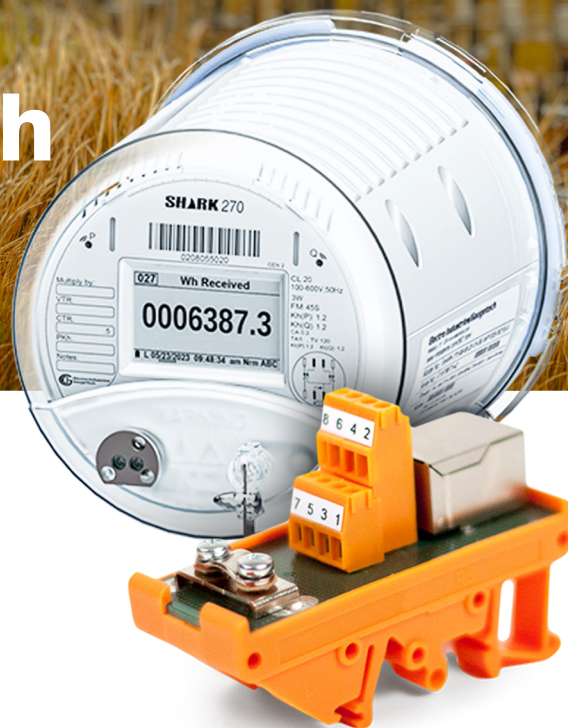
EIG's CONN20163-KT terminal breakout box kit lets you connect the Shark® 270 meter to your equipment in a simple, one-step process, giving you access to the capabilities of the Shark® 270 high accuracy socket revenue meter while utilizing your current wiring scheme.

Simply use the kit's CAT 6 cable to connect from one of the meter's RJ45 I/O connectors to the RJ45 port on the CONN20163 unit. The CONN20163 converts the RJ45 cable connection to an 8 pole screw terminal receptacle that can be used for connecting I/O wiring to your equipment, saving you time and providing a convenient point of termination.

Refer to the wiring diagram on the next page.

Dimension Specifications	
Width: 2.76 in (7.00 cm)	Height: 1.89 in (4.80 cm)
Length: 1.18 in (3.00 cm)	Weight: 1.19 oz. (0.03 kg)

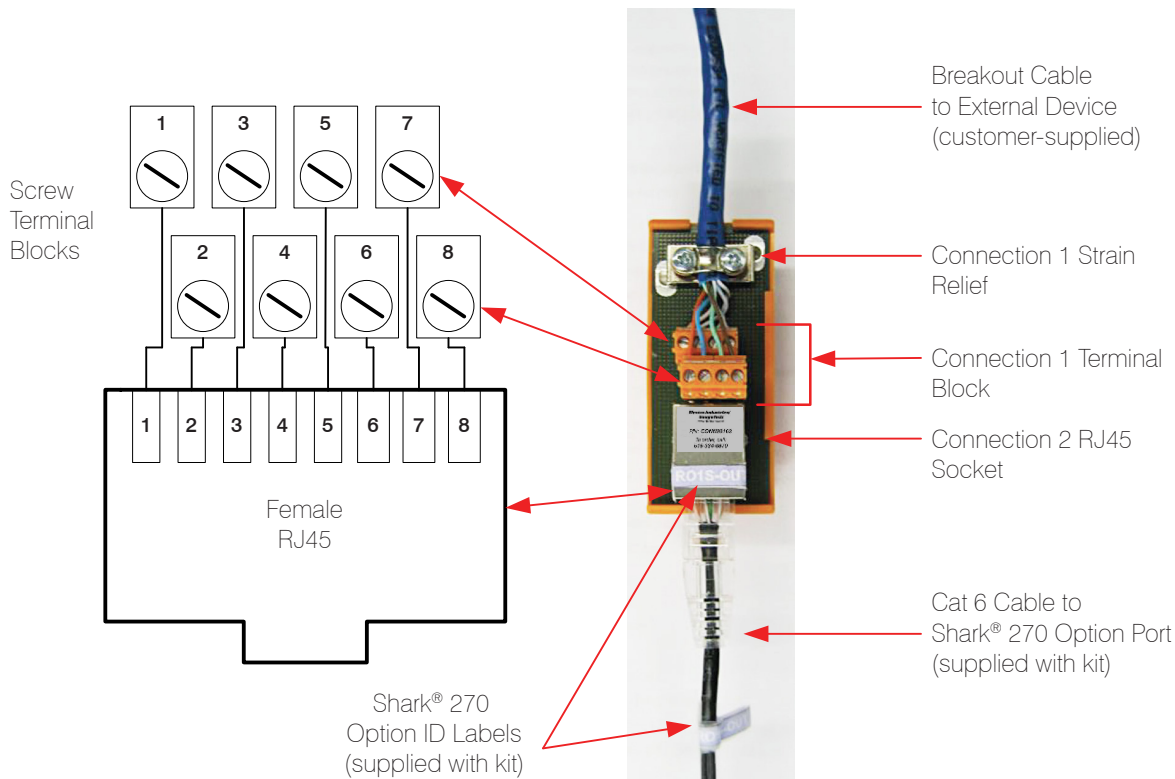
Temperature Specifications	
Operating temperature: +32 °F to +131 °F (-0 °C to +55 °C)	
Storage temperature: -40 °F to +158 °F (-40 °C to +70 °C)	



General Specifications	
Max. permissible operating voltage: 50 V AC/DC**	
Max. permissible current (per connection): 1 A**	
Number of poles: 8	
Mounting position: Any; can mount to standard TS35 mounting rails	
Standards/regulations: Directive 2006/95/EC (RoHS)	
Connection 1 method: Screw terminal	
Connection 1 wire gauge: 28 AWG minimum; 14 AWG maximum	
Wire strip length: 0.20 in (0.50 cm)	
Maximum cable diameter: 0.20 in +/- 0.008 in (0.50 cm +/- 0.02 cm)	
Connection 2 method: RJ45 socket (shielded)	
Connection 2 recommended cable: Cat 6 (supplied)	
Strain relief body/screws electrically connected to RJ45 shield	

** Do not exceed voltage and current ratings of the Shark® 270 meter.

Typical Wiring for the CONN20163 Unit



Agency Approvals

- Directive 2006/95/EC (RoHS)

To Order Online

<https://www.electroind.com/product/shark-270-energy-meter-i-o-terminal-breakout-box-kit/>

Ordering Information

Model:CONN20163-KT*

Orders ship in less than 7 days. Consult factory for faster shipping.

*Contents include: CONN20163 unit, 3 ft. CAT6 cable (black), and cable label sheet.

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