Wavetronix Click 100 16-Output Contact Closure Module

Wavetronix

The Wavetronix Click 100 is a loop emulator for the Wavetronix SmartSensorTM HD radar. It collects real-time data from the radar and translates it immediately into contact closure signals.

Description

The Click 100 features 16 contact closures that can emulate up to 8 lanes of dual-loop data. It automatically detects the data flow of the SmartSensor radar to which it is connected.

The module is DIN rail mountable and hot swappable. It features mobile pluggable screw terminals for easy pre-wiring.

It also features a 5-position connector for power and RS-485 communications through the T-bus.

The Click 100 unit can operate in one of several modes:

- Presence: dual-loop emulation with dynamic closure duration
- Pulse: dual-loop speed trap emulation with fixed closure duration
- Actuation: single loop emulation (true presence)
- One-loop speed: single loop emulation with contact closure duration based on speed

Beyond the SmartSensor HD, the Wavetronix Click 100 is also compatible with the SmartSensor Advance and SmartSensor V radars.

The Click 100 contact closure module comes with a one-year parts and labour warranty. (Refer to the Wavetronix warranty card for more information.)

Specifications

Protection

Dissipation of up to 600 W power surges received on the individual contact closure output terminals
Maximum switching voltage: < 50 V

General characteristics

- 16 LEDs for contact closure verification
- 4 LEDs for mode selection
- NEMA TS -1998 tested
- Conformal coating

Technical characteristics

- Supply voltage: 9–24 VDC
- Power consumption: 0.6 W
- Operating temperature range: –34 to +74°C (–29 to +165°F)
- Maximum operating relative humidity: 95%
- Dimensions: 11.4 x 10.2 x 2.3 cm (4.5 x 4 x 0.9″)
- Weight: 140 g (0.3 lb)

For more information: 1 800 363-5913

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