



HOKKIM
Giving You Control

Control & Protection Relays

Model : TFQ-CC3

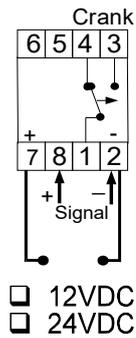
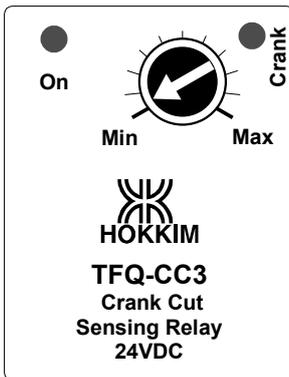
Description : Gen-set Crank Cut Relay

Utilization:

The TFQ-CC3 provide a user adjustable crank speed trip levels with LED relay state indications. The normally open, trip contacts, closes when the gen-set speed exceed the set level. A pulse sensing pick-up taken from the W phase of the charger alternator situated at the engine, produces a high frequency pulse train directly proportional to the speed of engine's rotation. The frequency of these pulses is converted to an analogue voltage which is used to provide signal to the trip circuitry.

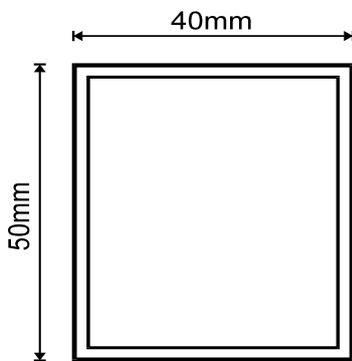
As the engine start, the speed rises to a level above the preset value. At this point, the TFQ-CC3 trips and the contact 5-6 closes. This contact is use to dis-connect the Crank Starter to prevent over cranking.

When ordering, the voltage required (12VDC or 24VDC) must be specified.



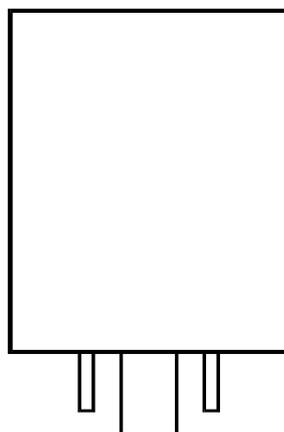
Technical Data

- Supply Voltage : 24VDC 12VDC
- Approx. Crank Range: 78Hz to 2KHz
- Consumption : 1VA
- Indication : Power – Green LED
Crank Cut – Amber LED
- Output Contacts : 5A 240V 50Hz AC1
Normal 5-6 Open
Crank Cut 5-6 Close

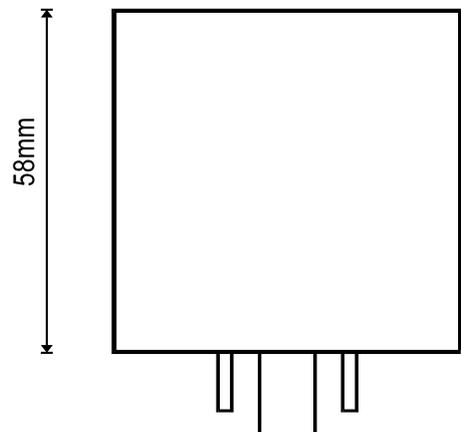


Dimensions

Top View



Front View



Side View