



Exclusive Distributors of All
Bramco Products
40 Years of Unwavering Innovation



iD

Pilot Control Relay

iD Pilot Control Relay

Overview:

m-Tronix is your authorised and exclusive, distributor of the range of Bramco electronic products, industry leaders since 1945. Utilising these designs, as continuously developed by the Leishman family since 1984, and their engineers, m-Tronix builds, services and supports these advanced, innovative products, known and widely used, as Bramco.

Application:

Leaders in Innovative Protection Systems, the Bramco m-Tronix i-D is compliant to latest statutory and industry standards. The m-Tronix i-D has been designed to monitor the continuity of the Earth Circuit in a supply cable by grounding the pilot core via a diode, polarised positive to earth, and to allow remote start/stop operation by momentarily shorting a 100 Ohm resistor in the pilot circuit (which closes the relay) and opening the pilot with a stop button to open the relay.

Features:

- Remote start/stop via pilot wire.
- Detection of pilot wire shorted to earth.
- LED indication of power on.
- LED healthy indication when earth continuity of pilot is below 45 Ohms
- Higher (non-approved) maximum resistance range available to special order

Ordering Information:

MT00251A: iD Relay 110vAC
MT00938A: iD Relay 240vAC
MT00253A: iC Relay 24-48vAC/DC

Specifications:

Supply:

- 110vAC 50/60Hz standard
- 240vAC 50/60Hz optional
- 24vAC or DC 50/60Hz optional
- 48vDC 50/60Hz optional

Power: 3VA +/-20%

Operating Temp: 0 – 60° C

Pilot to Earth Resistance: 0 – 145 Ohms. 100ohm start resistance drop.

Pilot Wire: Diode termination to earth at remote end of cable and 100ohm for Start/Stop circuit.

Relay Contacts:

2 x Changeover contacts
5A - 240V AC

Enclosure:

Dimensions: 75mmW x 55mmH x 110mmD

Material:

- High impact resistant polycarbonate construction
- IP20 Rating

Mounting: DIN rail

Terminals: Cage screw terminals

Weight: 216gms

This product is designed and manufactured in accordance with ISO9001:2000 certified company.



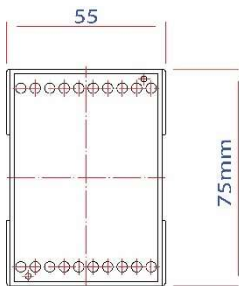
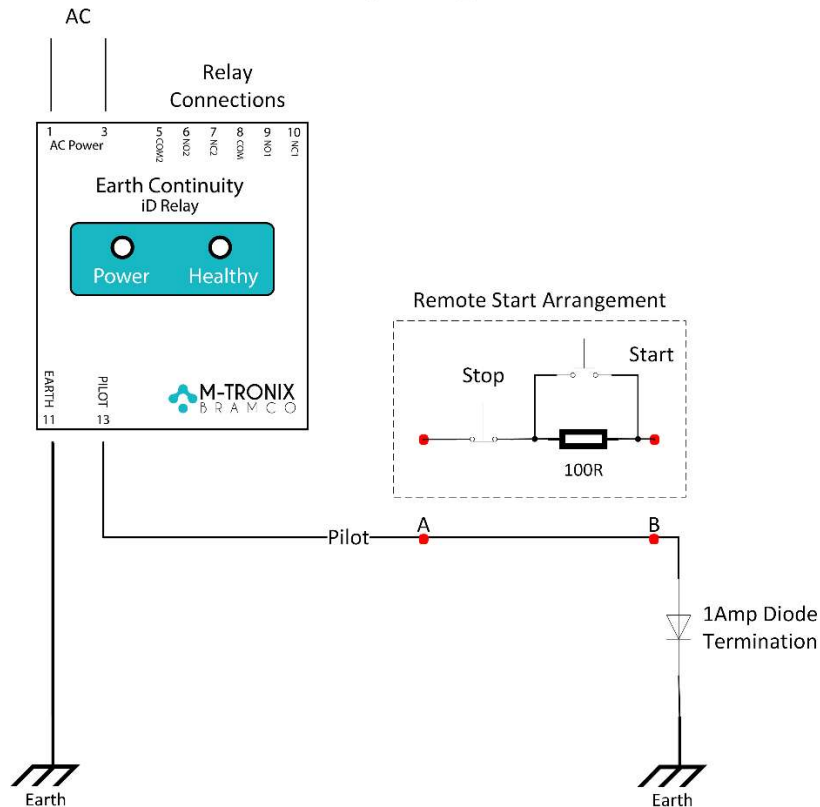
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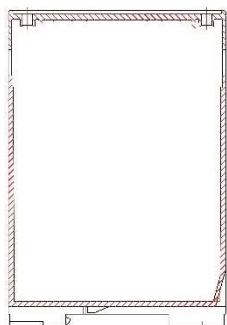
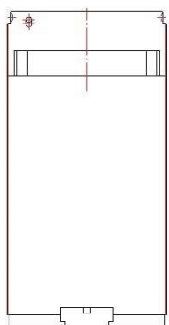
Pilot Control Relay

Wiring Diagram



Enclosure

Dimensions: 55mmW x 75mmH x 110mmD



109.5mm

M-TRONIX Contacts

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Compliance:

AS/NZS 2081:2011
The iD comes with
a 2-year warranty.