



DF 803 – IM Analogue Addressable Isolator Module

Description

The Isolator module is an automatic device that isolates a part of the loop by opening when the line voltage drops below 14Volts. These modules should be spaced between groups of sensors or modules in a loop to isolate the faulty area from the rest of the loop. If a short occurs between any two isolators, then both isolators immediately switch to an open state and isolate the devices between them. The remaining units on the loop continue to fully operate. A maximum of 20 devices recommended to connect each isolator. The module blinks to normal status and glow steady when activated.

Features

- Module Status by YELLOW LED.
- Low Standby Current.
- Available with suitable back boxes

Electrical specification:

Min Supply Voltage (Vmin)	: 17V
Max Supply Voltage(Vmax)	: 28VDC
Nominal Supply Voltage(V _{nom})	: 24VDC
Quiescent Current at 24V(I _c)	: 30μA
Leakage Current at 24V(I _L)	: 2 mA when isolating
Max Current (through loop)(I _s)	: 1A continuous, 3A Peak
Isolating Voltage (V _{co})	: <14V
Maximum on resistance(Z _c)	: 0.02Ω
Re-connect Voltage(V _{oc})	: 14 ~ 16V

Electrical specification:

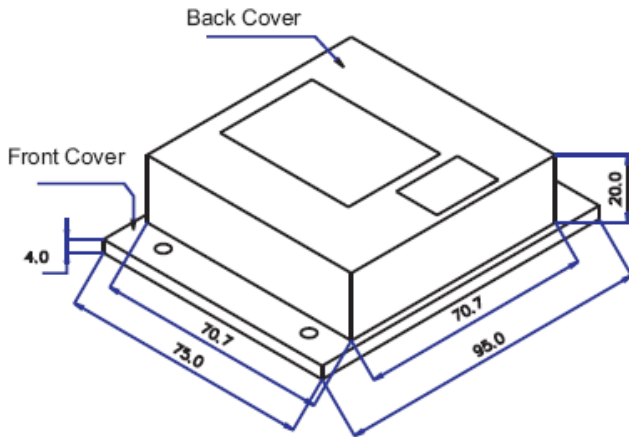
Dimensions	: (95 W X 75 H X 24D) mm
Color	: Black
Weight	: 0.35Kg





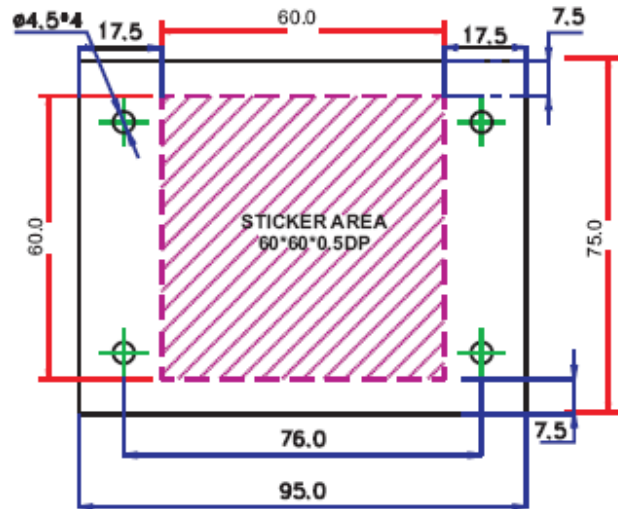
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G.A.Diagram:



ALL DIMENSIONS ARE IN MM

Mounting Detail:



Wiring Configuration

