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_t) : 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
DF 803 – IM Analogue Addressable Isolator Module

G.A. Diagram:

ALL DIMENSIONS ARE IN MM

Mounting Detail:

STICKER AREA 90°90°6.9D°

Wiring Configuration

To Next Device or Panel

From Panel or Previous Device

SIGNAL LINE CIRCUIT (SLC) 2B VDC MAX.