

# RE - 314BI Isolator Base

## Product Overview:

The Isolator Base is an automatic switch 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 protect 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 for each group.

## Features:

- Plug Type Connector for easy wiring.
- Low Standby Current.

## Electrical Characteristics

- Min Supply Voltage ( $V_{min}$ ) : 17V
- Max Supply Voltage ( $V_{max}$ ) : 28VDC, 37VPeak
- Nominal Supply Voltage ( $V_{nom}$ ) : 24VDC
- Quiescent Current at 24V ( $I_c$ ) : 30 $\mu$ A
- 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 ( $Z_c$ ) : 0.02 $\Omega$
- Re-connect Voltage ( $V_{oc}$ ) : 14 ~ 16V
- Dimensions : (96 Lx76 Bx22 H)mm



## Ordering Information:

Model	Description
RE-314BI	Isolator Base

### India:

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