

Short Circuit Isolators

B524IEFT-1 and ISO524-1

• Melbourne

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The B524IEFT-1 isolator base and the ISO524-1 short circuit isolator are designed for use with System Sensor analogue detectors and modules. The isolators prevent an entire communications loop from being disabled when a short circuit occurs. It achieves this by isolating the part of the loop containing the short from the remainder of the circuit. The isolators will automatically restore the entire loop when the cause of the short circuit is corrected.





The ISO524-1 isolator may be installed in various convenient locations, such as junction boxes, behind sensor bases, within callpoint back-boxes, or within SMB500 module boxes.

Features:

B524IEFT-1 and ISO524-1

-  Low Current consumption (100 µA)
-  Complete isolation of short circuit cable between isolators
-  Automatic restore when short circuit is corrected
-  Rugged industrial construction
-  Loop +ve isolation

B524IEFT-1

-  Low profile (26mm)
-  Remote LED Connection
-  Sensor continues to operate in case of a short circuit on either side of isolator base
-  Up to 20 detectors or modules between isolators



B524IEFT-1



ISO524-1

Specifications:

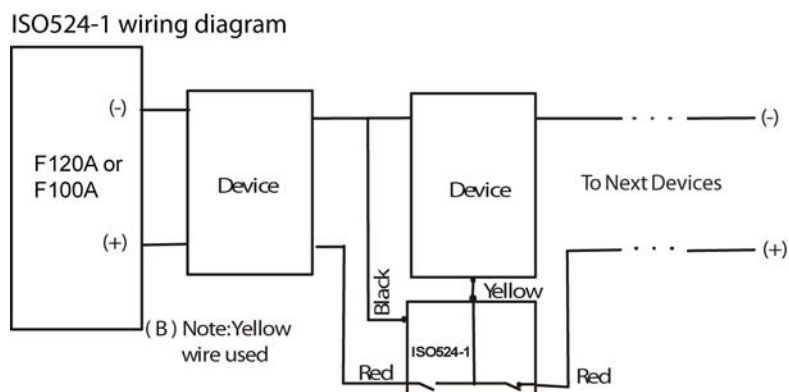
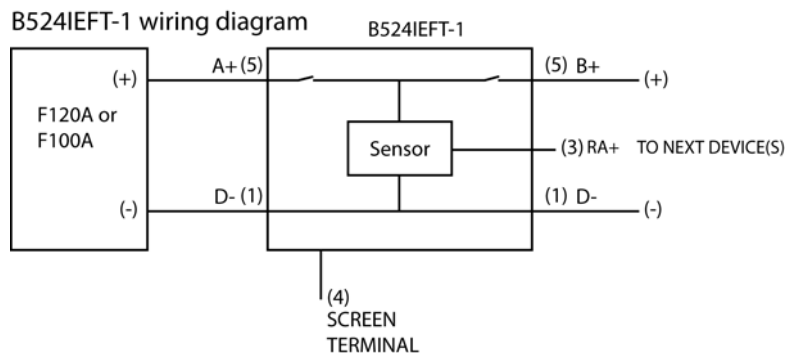
Voltage Range:	15 to 28.5 VDC
Standby Current:	100uA @ 24 VDC
Maximum on Resistance (24V):	0.13 ohms
Maximum on Resistance (15V):	0.16 ohms
Off Resistance:	2200 ohms
Operating Temperature Range:	-30°C to 70°C
Humidity:	0 to 95% non – condensing

B524IEFT-1

Base Diameter:	102mm
Base Height:	26mm
Weight:	70g
Max Wire Gauge for Terminals	0.5mm ² – 1.5mm ²

ISO524-1

Size:	90mm (l) x 35mm (w) x 10mm (h)
Flying Lead Length	120mm
Flying Lead Cable	Multi strand 0.75mm ²



Ordering Information:

Description

Short Circuit Isolator Base
Short Circuit Isolator

Part Number

B524IEFT-1
ISO524-1

PERTRONIC INDUSTRIES PTY LTD

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