Ampac

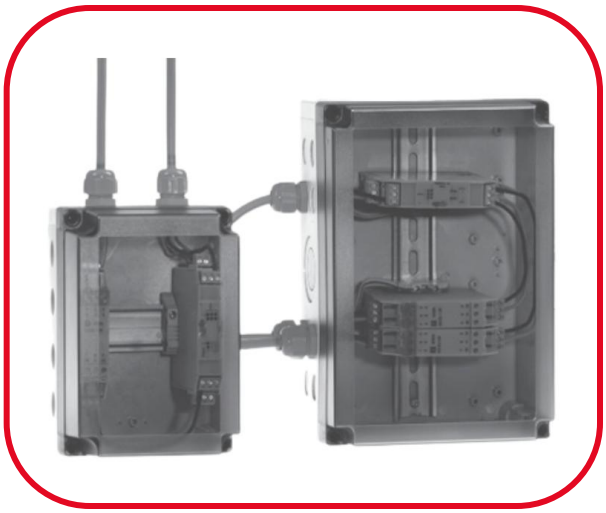
Fire detection and evacuation solutions that save lives

PDS201-0142

DIN-Rail Interface Enclosures

Features

- ✓ IP67 rated
- ✓ Compatible with XP95 and Soteria DIN-rail interfaces
- ✓ Suitable for intrinsically safe (I.S.) applications
- ✓ DIN-rail mounting for quick installation
- ✓ Frosted polycarbonate lid for LED visibility



Product Overview

Application

The DIN-rail interface enclosures can be used for housing intrinsically safe (I.S.) barriers, XP95 or Soteria DIN-rail mounted interfaces.

The IP67 rated enclosures have a frosted polycarbonate lid through which LEDs can be viewed. A multi-purpose label that features a section for use with I.S. systems is supplied. For non-I.S. systems, the part referring to I.S. can simply be removed.

Intrinsically safe circuits

When using these enclosures with intrinsically safe systems, it is important that segregation be provided between the I.S. and non-I.S. circuits. A distance of at least 50mm must be preserved between live conducting parts of I.S. and other circuits.

If the enclosure is used as part of an I.S. circuit, then it must always be installed inside the safe area. Never install these enclosures in the hazardous area.

Please refer to Figures 1, 2 & 3 for more information on how to configure units.

Specifications

	DIN-Rail Interface Enclosure (2 Units)	DIN-Rail Interface Enclosure (8 Units)
Dimensions H x W x D (mm)	150 x 125 x 180	150 x 180 x 255
20mm cable entries	12 (drillable)	22 (knock-outs)
MAXIMUM CAPACITY		
Soteria large DIN-Rail	1	2
Soteria small DIN-Rail	2	5
XP95 DIN-Rail	4	10
Conventional I.S. DIN-Rail	2*	8*
Addressable I.S. DIN-Rail	1 safety barrier & 1 x translator*	5 x safety barriers and 3 x translators (2 x dual and 1 x single)*

***Note:** Quantities calculated on minimum spacing required for I.S. wiring segregation.

Figure 1 Analogue addressable I.S. configuration for DIN-Rail Interface Enclosure (8 Units)

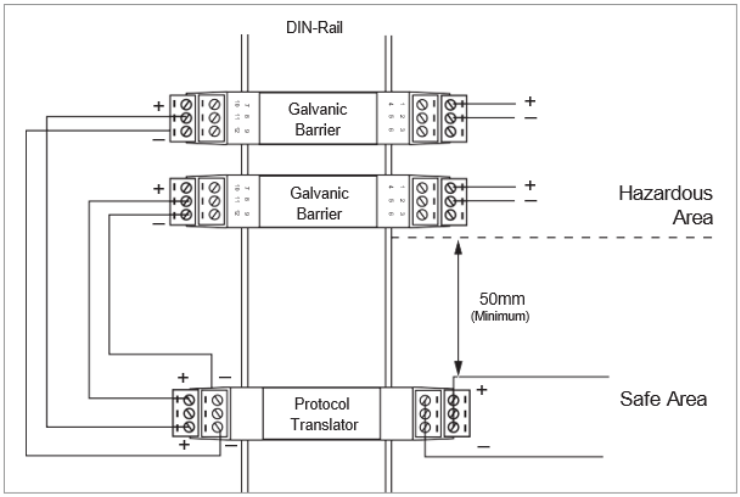


Figure 2 Analogue addressable I.S. configuration for DIN-Rail Interface Enclosure (2 Units)

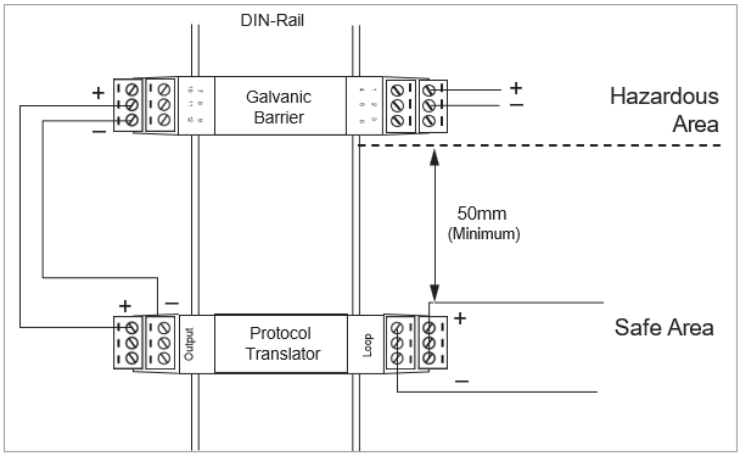
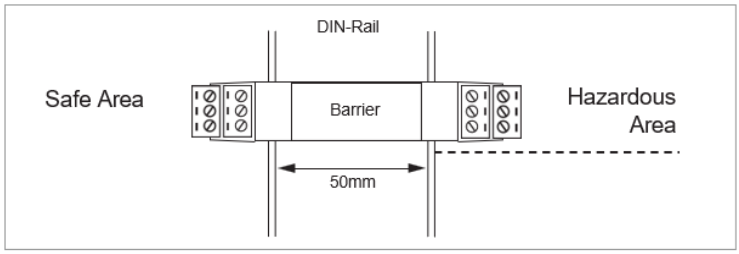


Figure 3 Conventional I.S. configuration



Item Numbers

	International	Australia
DIN-Rail Interface Enclosure (2 Units)	29600-239	201-0142
DIN-Rail Interface Enclosure (8 Units)	29600-240	201-0153