

## Soteria Input Output Unit

### Features

- Improved design for ease of wiring meaning faster installation
- Short circuit isolator
- Address range 1 - 126
- Compatibility with XP95 and Discovery protocol
- Failsafe mode (meets BS 7273-4 requirements)

### Description

The Soteria Input Output Unit provides supervision of one or more normally open contacts connected to a single pair of cables and a set of changeover relay output contacts.

### Status Indications

Legend	LED Status	Description
RLY	Continuous Red	Relay Active
RLY	Continuous Yellow	Relay Fault
Poll/ISO	Flashing Green	Polling LED
Poll/ISO	Continuous Yellow	Isolator LED
I/P	Continuous Yellow	Input Fault
I/P	Continuous Red	Input Active

### Mechanical Construction

The Soteria Input Output Unit is available in the new faceplate style enclosure. This can be mounted with the supplied back-box for surface mounting or flush mounted using a UK double gang, flush mounting back-box of a minimum depth 30mm.

### EMC Directive 2014/30/EU

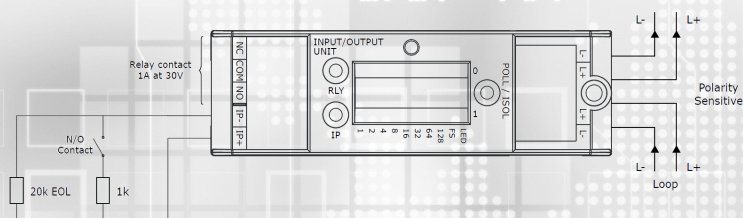
The Soteria Input Output Unit complies with the essential requirements of the EMC Directive 2014/30/EU, provided that it is used as described in this datasheet.

### Construction Products Regulation 305/2011/EU

The Soteria Input Output Unit complies with the essential requirements of the Construction Products Regulation 305/2011/EU.

### Connectivity

Refer to the Installation Guide for the installation instructions on this product.



### Specifications

All data supplied is subject to change without notice. Specifications are typical at 24V, +25°C and 50% RH unless stated otherwise.

<b>Supply Voltage (Vmin—</b>	17 to 35V dc
<b>Protocol</b>	5-13V peak to peak
<b>Power-up surge current</b>	900µA
<b>Quiescent current</b>	500µA
<b>Max Current LEDs On</b>	3.5mA
<b>Max current LEDs disabled</b>	500µA
<b>Relay output contact rating</b>	1A at 30V dc or ac
<b>Isolator data</b>	Refer to short-circuit isolation datasheet PDS201-9001
<b>Operating Temperature</b>	-40°C + 70°C
<b>Humidity</b>	0% to 95% RH (no condensation or icing)
<b>Vibration, impact and shock</b>	EN54-17 & EN54-18
<b>Standards &amp; Approvals</b>	EN54-17, EN54-18, CPR and LPCB
<b>Dimensions</b>	60mm height x 150mm width x 90mm depth
<b>Weight</b>	244g

Part Number	Item Number	Description
SA4700-102AMP	4110-1101	Soteria Input Output Unit