

Fire detection and evacuation solutions that save lives.

Soteria DIN Switch Monitor Unit

Features

- Improved design for ease of wiring, meaning faster installation
- Short circuit isolator
- Address range 1 - 126
- Compatibility with XP95 and Discovery protocol

Description

The Soteria DIN Switch Monitor Unit is designed to monitor the state of one or more single pole, volt-free contacts connected on a single pair of cables and to report the status. It has a selectable status reporting delay making it suitable for monitoring flow switches.

Status Indicators

Legend	LED Status	Description
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 DIN Switch Monitor Unit is designed to be mounted on a 35mm width DIN rail inside an enclosure. The unit is not designed for outdoor use unless it is mounted in a suitable weatherproof enclosure.

EMC Directive 2014/30/EU

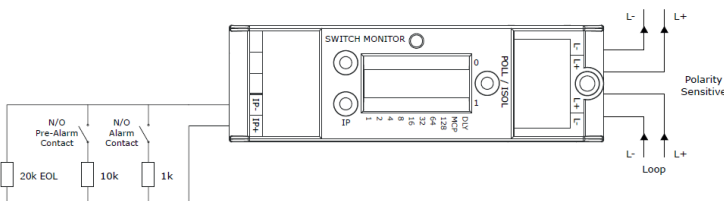
The Soteria DIN Switch Monitor Unit complies with the essential requirements of the EMC Directive 2014/30/EU, provided that it is used as described in this datasheet.

Construction Products Regulation 305/2011/EU

The Soteria DIN Switch Monitor 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.



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

Specifications

Supply Voltage (Vmin—Vmax)	17 to 35V dc
Protocol	5-13V peak to peak
Power-up surge current	900µA
Quiescent current	500µA
Max Current LEDs On	2mA
Max current LEDs disabled	500µA
Relay output contact rating	1A at 30V dc or ac
Isolator data	Refer to short-circuit isolation datasheet PDS201-9001
Operating Temperature	-40°C + 70°C
Humidity	0% to 95% RH (no condensation or icing)
Vibration, impact and shock	EN54.17, EN54.18, AS7240.17 & AS7240.18
Standards & Approvals	EN54.17, EN54.18, CPR, LPCB, AS7240.17, AS7240.18 & SAI Global
Dimensions	33mm height x 102mm width x 33mm depth
Weight	46g

Part Number	Item Number	Description
SA4700-300AMP	4110-1105	Soteria DIN Switch Monitor Unit