

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 Indications

Legend	LED Status	Description
Poll/SOL	Flashing Green	Polling LED
Poll/SOL	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

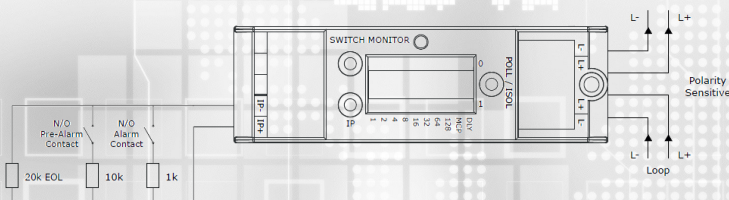
The Soteria DIN Switch Monitor Unit complies with the essential requirements of the EMC Directive 2014/30/EU, provided that it is used as described in this datasheet.

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.



Specifications

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

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
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