

Intelligent Switch Monitor Unit

Product code: SA4700-100IMC



Operation

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

Mechanical Construction

The Intelligent Switch Monitor 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 minimum depth 30mm.

Communication

Compatible with XP95, Discovery digital communication protocols.

EMC Directive 2014/30/EU

The Intelligent Switch Monitor complies with the essential requirements of the EMC Directive 2014/30/EU, provided that it is used as described.

Construction products regulation 305/2011

The Intelligent Switch Monitor complies with the essential requirements of the Construction Products Regulation 305/2011/ EU.

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Key Features

Improved design for ease of wiring meaning faster installation, Contains controllable isolator, Priority mode for fast response Configurable input styles, Earth fault monitoring

General	
Warranty	10 year
Electrical	
Protocol Voltage (Min)	5V
Protocol Voltage (Max)	13V
Protocol Voltage	5 to 13V peak to peak
Quiescent Current	500µA
Quiescent Current Tested At	24V dc
Environmental	
Humidity (Min)	95% RH
Humidity (Max)	0% RH
Humidity Note	no condensation or icing
Humidity	95% to 0%-----
Operating Temperature (Min)	-40°C
Operating Temperature (Max)	70°C
Operating Temperature	-40 to 70°C
IP Rating Value	IP52
Conformance	
Standards	<ul style="list-style-type: none">• EN 54-17• EN 54-18• LPCB
Approvals	
Mechanical	
Weight	239g
Colour	White
Product Length	60mm
Product Width	150mm
Product Depth	90mm

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