

Intelligent Twin Input/Output Unit

Product code: SA4700-104IMC



Operation

The Intelligent Twin Input/Output Unit provides the function of two Input/Output Units within one enclosure. The two units are electrically independent of each other. There is a DIL switch on each unit to set the address. Both input/output units in the enclosure provide supervision of one or more normally open volt free contacts connected to a single pair of cables and a set of changeover relay output contacts.

Mechanical Construction

The Intelligent Twin Input/Output Unit is available in the new faceplate style enclosure. This can be mounted with the supplied backbox 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 Twin Input/Output Unit complies with the essential requirements of the EMC Directive 2014/30/EU provided it is used as described.

Construction products regulation 305/2011

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Key Features

Improved design for ease of wiring meaning faster installation, Contains controllable isolator, Configurable input styles, Earth fault monitoring, Failsafe mode (meets BS 7273-4 requirements)

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)	0% RH
Humidity (Max)	95% RH
Humidity Note	no condensation or icing
Humidity	0% to 95%-----
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	281g
Colour	White
Product Length	60mm
Product Width	150mm
Product Depth	90mm
Relay Output Contact Rating	1A
Relay Output Rating Tested At	30V ac

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