

XP95A

Input/Output Module - 120 V ac



Product Overview

Product	Input/Output Module - 120 V ac
Part No.	55000-859
Digital communication	XP95

Compliance



Product Information

The XP95A Input/Output Module - 120V ac is a loop-powered device which incorporates a monitored input circuit for connection to remote switches. It also has a 120 V rated volt-free relay output.

Designed for indoor use only, the device is mounted on a polycarbonate fascia plate for use with a four inch square or two-gang electrical back box.

A red LED flashes in synchronization with the current pulse reply from the device. If output bit 2 is set, the LED is illuminated continuously.

- Loop powered
- Visible LEDs

Technical data

All data is supplied subject to change without notice. Specifications are typical at 24 V, 73°F and 50% RH unless otherwise stated.

Signal Line Circuit (SLC) TB1 and TB4 - supervised power limited

Operating Voltage	17 - 28 V dc
UL listed to operate	20 - 28 V dc
Modulation voltage	5 - 9 V peak to peak

Operating current

Supervisory current at 17 V	< 0.95 mA
Alarm current at 17 V	< 2.8 mA
Supervisory current at 28 V	< 0.95 mA
Alarm current at 28 V	< 3 mA
Maximum alarm current	< 5 mA - LED on

Functional states

Analog level - Normal	16
Analog level - Alarm	64
Analog level - Trouble	4

Initiating Device Circuit (IDC) TB2 - supervised power limited to Classes A and B

Voltage	10 V dc
Current	1.7 mA max.
Line impedance	100 Ω max
End-of-line resistors	47 KΩ

Output circuit

Relay output TB3 - non supervised, programmable, dry contact	30 V dc, 4 A - resistive 120 V ac, 4 A - resistive
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General

Operating temperature	32°F to 120°F
Humidity (no condensation)	10% to 93% RH
Approvals	UL, ULC, CSFM
Dimensions	4.5 in. x 4.5 in. x 1.0 in.
Material	White flame-retardant polycarbonate

Notes:

1. To meet the requirements of UL certification, the XP95A Input/Output Module - 120 V ac must be installed using foam pad, Part No. 45681-157. Failure to do so will result in incorrect operation of the device.
2. A UL listed 47 KΩ End-of-Line resistor, Part No. 44251-146 is available from Apollo.

Protocol compatibility

The XP95A Dual Priority Switch Monitor Module operates only with control equipment using the Apollo Series 90, XP95, Discovery or CoreProtocol protocols.

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