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DATASHEET

SOTERIA UL

RELAY OUTPUT MODULE



PRODUCT OVERVIEW

Product	Relay Output Module
Part No.	SA4705-701APO
Digital Communication	XP95, Discovery and CoreProtocol® compatible

PRODUCT INFORMATION

The Relay Output Module is a loop-powered device which incorporates a 240 V rated volt-free relay output. The module can be used outdoors if mounted in a suitable weatherproof enclosure

- Built-in isolator
- Visible LEDs
- Loop Powered
- CoreProtocol® Enabled
- Improved design for ease of wiring

APPROVALS



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.

General	
Product Operating Temperature	32°F to 120°F
Humidity	0% to 95% RH (no condensation or icing)
Standards and Approvals	UL, ULC, CSFM, FM
Dimensions	4.9" width x 4.9" height x 2" depth
Materials	Housing: UL94 V-0 polycarbonate
Wiring Size	12-24 AWG
Single Line Circuit (SLC) - Supervised power limited	
Supply Voltage	17 V to 28 V DC
Modulation Voltage	5 V - 9 V peak to peak
Supervisory Current	500 µA
Switch-on Surge Current	900 µA
Alarm/Operated Current, LED On	1.6 mA per LED
Maximum Loop Current	1 A
Output Circuit	
	Non-Supervised
	Programmable
Relay Output	Dry Contact
	30 V DC - 4 A - resistive
	240 V AC - 4 A - resistive

LED STATUS

LED Color	Description	Protocol Compatibility		
		XP95	Discovery	Core
Green	Polling	X	X	X
Yellow (Solid)	Isolation	X	X	X
Yellow (Flash)	Fault			X

