

# Enhanced Relay Output Module

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.

## Features

- Built-in isolator
- Visible LEDs
- Loop powered
- Improved design for ease of wiring
- Communicates with XP95 and Discovery protocols

## Listings and Approvals

UL, ULC, SII and CSFM

## Specification

### General\*

|                               |                                          |
|-------------------------------|------------------------------------------|
| Product Operating Temperature | 32° to 120° F                            |
| Humidity                      | 10% to 93% RH (no condensation or icing) |
| Standards and Approvals       | UL, ULC, SII, CSFM                       |
| Dimensions                    | 4.9" W x 4.9" H x 1.175" D               |
| Materials                     | Housing UL94 V-0 polycarbonate           |
| Wire Size                     | 12-24 AWG                                |

### LED Status

|                |           |
|----------------|-----------|
| LED Colour:    | Polling   |
| Green          | Isolation |
| Yellow (solid) |           |

### Single Line Circuit (SLD) - Supervised Power Limited

|                                |                                                                                                          |
|--------------------------------|----------------------------------------------------------------------------------------------------------|
| Supply Voltage                 | 17 V to 28 VDC                                                                                           |
| Modulation Voltage             | 5 V to 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                                                                                                      |
| Relay output                   | Non-supervised<br>Programmable<br>Dry contact<br>30 V DC - 4 A - resistive<br>240 V AC - 4 A - resistive |

### Output Circuit

|              |                                |
|--------------|--------------------------------|
| Relay output | Non-supervised<br>Programmable |
|--------------|--------------------------------|

Dry contact  
30 V DC - 4 A - resistive  
240 V AC - 4 A - resistive

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

Order Codes and Options

|               |                              |
|---------------|------------------------------|
| SA4705-701ADV | Enhanced Relay Output Module |
|---------------|------------------------------|

[Check if this document is up to date](#) | [Give us feedback](#)

Advanced, The Bridges, Balliol Business Park, Newcastle upon Tyne, NE12 8EW, UK **T:** +44 (0)345 894 7000 **E:** [enquiries@advancedco.com](mailto:enquiries@advancedco.com)  
**W:** [www.advancedco.com](http://www.advancedco.com)

As our policy is one of constant product improvement the right is therefore reserved to modify product specifications without prior notice.