

# ESPintelligent CHQ-POM

POWERED OUTPUT MODULE

## Features

- ▶ Supplies 24 VDC at various current levels, 2 mA to 32 mA in increments of 2 mA
- ▶ User-selectable current output
- ▶ Includes two monitored inputs
- ▶ Small design, provides simple connectivity to ESP loop for third party devices, such as IFD-E
- ▶ Colour-coded flying leads for simple installation.
- ▶ Approved to AS ISO 7240.18



## Description

Model CHQ-POM is a powered-output module designed to supply 24 VDC at various, user-selectable current levels from 2 to 32 mA (in increments of 2 mA). The unit is small enough to be added to other third-party devices thereby allowing a range of equipment to be added to the ESP loop. The unit also features two monitored inputs.

## Specification

Ordering Code	CHQ-POM	
Operating Voltage	17 – 41 VDC	
Quiescent Current	200 $\mu$ A (at 41 V)	
Alarm Current	2.3 ~ 32.3 mA	
Test Signal Voltage	14 to 30 VDC	
Input Ratings	Open Circuit	>100 k $\Omega$
	Normal State	10 k $\Omega$ (EOL resistor provided)
	Input Activation	470 $\Omega$ (EOL resistor provided)
	Short Circuit	50 $\Omega$
Operating Temperature Range	-10 $^{\circ}$ C to + 50 $^{\circ}$ C	
Storage Temperature Range	-30 $^{\circ}$ C to + 60 $^{\circ}$ C	
Maximum Humidity	95% RH - Non condensing (at 40 $^{\circ}$ C)	
Colour / Case Material	White/ ACS	
Weight (g) / Length / Width / Depth (mm)	30 / 65 / 42 / 19	