

CHQ-POM

Analogue Plant Control Module

Features

- ▶ User-selectable 24 V output at various current levels, 2 mA to 32 mA in increments of 2 mA
- ▶ 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.



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 – 31 VDC |
| Transmission method | Digital communication using ESP |
| Quiescent current (typ) | 200 μ A (@ 41 V) |
| Alarm current | 2.3 ~ 32.3 mA |
| Test signal voltage | 14 - 30 VDC |
| Input ratings - Open circuit | > 100 K Ω |
| Input ratings - Normal state | 100 K Ω (EOL resistor provided) |
| Input ratings - Input activation | 470 K Ω (EOL resistor provided) |
| Input ratings - Short circuit | 50 K Ω |
| Operating / Storage temperature range | - 10 °C to + 50°C / - 30 °C to + 60°C |
| Maximum humidity | 95% RH - Non-condensing (at 40 °C) |
| Colour / Case material | Ivory / ACS |
| Weight (g) / Dimensions (mm) | 30 / L 30 x W 42 x D 19 |