

# Analogue Dual Relay Controller

## CHQ-R



### Features

- ▶ Loop Powered
- ▶ Single Address
- ▶ 2 Independently Controlled Changeover relays
- ▶ Relays Contact Rated at 30Vdc at 1 amp
- ▶ Auxiliary Monitored Input
- ▶ Approved to EFGS for line units
- ▶ CHQ-R/DIN version for DIN Rail mounting

### Description

Model CHQ-R/OEM is a Dual Relay Controller designed to provide two general-purpose relay outputs, each output can be driven separately for control of such devices as dampers or for control of plant and equipment shutdown. The monitored input can be used for local power supply fault monitoring or as a general-purpose input. Also available as a DIN Rail mountable version with or without an integral short-circuit isolator (CHQ-R/DIN(SCI) or CHQ-R/DIN).

Specification	
Ordering Codes	CHQ-R/OEM (without box as shown) CHQ-R/DIN (DIN Rail version) CHQ-R/DIN(SCI) (DIN Rail version with short-circuit isolator)
Operating Voltage	17 - 41Vd.c.
Low Power Mode (typ)	120µA*
Quiescent Current (typ)	300µA*
Relay Contact Rating	30Vd.c. max, 1A (resistive load)
Input EOL Resistor	10kΩ, ± 5% 0.25W
Input threshold Levels	ON =470Ω, short cct<50Ω, open cct>100kΩ, EOL=10KΩ
Operating Temperature Range	-10°C to +50°C
Storage Temperature Range	-30°C to +60°C
Maximum Humidity	95% RH Non Condensing (at 40°C)
Colour / Case Material	Ivory White / ABS
Weight (g) / Dimensions (mm)	(OEM) 85 / L148 x H89 x D23
	(OEM with box) 120 / L160 x W110 x H92
	(DIN) 122 / L119 x W24 x H108
	(DIN(SCI)) 125 / L119 x W24 x H108

\*Note: SCI version will take additional current (50µA).