



Input Module for Manual Call Point: CHQ-CP

CHO-CP is the Input Module for Manual Call Point for the Hochiki newly developed GTP transmission protocol.

Features

Addressable call point module

- Easy installation
- Simple and reliable addressing by means of 8-bit DIL switches
- Fast response
- Alarm interrupt level 1 (highest priority)
- Normally open contact monitored (Open/Short circuit not monitored)
- Non-polarized S,SC input
- Loop powered with low current consumption utilising unique 'Low Power Mode'
- Status LED function for indication of communication polling and active input condition

Operation

This addressable call point module can be housed in a KAC style enclosure and provides two non-polarised connections to the loop wiring. The unit is addressed via an 8-bit DIL switch, which allows the unit to be addressed between 1 and 127. A status function enables the connection of monitor LED that flashes with communication polling and is continuously lit when the call point is operated. Once operated, the call point module generates a high priority interrupt signal which allows the fire alarm control panel to respond very quickly. A built-in test facility, initiated by the fire alarm control panel, confirms the unit is working correctly.

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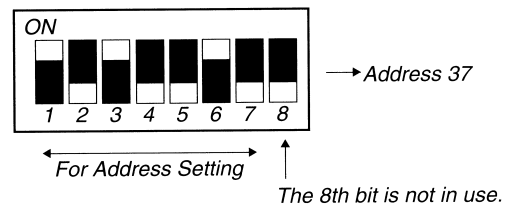


Applications

The Addressable Call Point module satisfies all the requirements for manual operation of a fire alarm system. Utilising high interrupt priority interrupts ensures call point response is very fast.

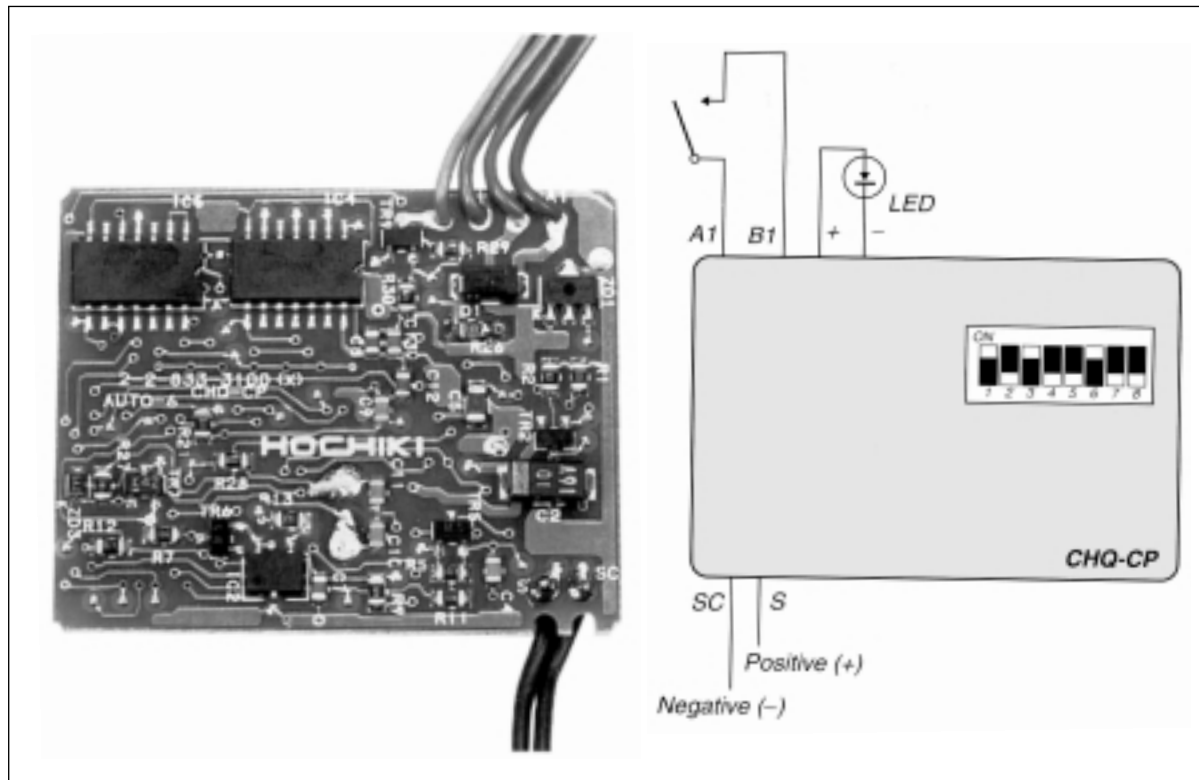
Address Setting

Use the bit #1 to #7 of DIL switch for address setting by binary code.



Specifications (at 25°C)

		CHQ-CP
Supply Voltage Range	V _{High}	24V - 40V
	V _{Low}	17V - 31V
	Pulse Voltage	7V - 9V
Current Consumption	Quiescent	230µA (Typ)
	Low Power Mode 0.75s Polling	85µA (Typ)
	Low Power Mode 1.5s Polling	76µA (Typ)
	Current at polling	22mA ±20%
	Current in Alarm	4.1mA
On Threshold Level		<50Ω
Off Threshold Level		>100Ω
Operating Ambient Temperature Range		-10°C ~ +50°C
Storage Temperature Range (Under Humidity 80%)		-20°C ~ +60°C (<80% RH at 60°C)
Allowable Ambient Humidity (at 40°C)		95% RH Non-Condensing
Dimensions		44.5mm x 36.5mm
Weight		Approximately 15g (P.C.B. Only)



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