

CCPI

Conventional Control Panel Interface

The Conventional Control Panel Interface provides 8 individually addressed normally open inputs and 3 pre-defined outputs. The interface permits the connection of a Conventional Fire Alarm Control Panel with up to 8 Zones to the Global Fire Analogue Addressable Fire Control Panel via the detection loop.

The outputs are pre-defined as Silence, Reset and Evacuation and allow these functions on the conventional panel to be executed from the Addressable System. An external 24 V DC supply is required to power the onboard relays. This supply is optically isolated from the detection Loop. The silence, reset and evacuation relay operations are indicated by 3 Red LEDs.

Each CCPI occupies 8 addresses on the Loop even when not all inputs are used. Each INPUT should be fitted with an end-of-line resistor (22 K Ohm) and open short circuit fault conditions are also individually monitored.

TECHNICAL SPECIFICATIONS	
SUPPLY VOLTAGE	Loop Powered - 17 V to 30 V DC
LOOP CURRENT - QUIESCENT (I_Q)	3.2 mA
LOOP CURRENT - ALARM	I_Q+ 0.9 mA for each I/P in alarm
LOOP CURRENT - SHORT-CIRCUIT	I_Q+ 0.9 mA for each I/P in short-circuit
LOOP CURRENT - OPEN CIRCUIT	I_Q+ 0.5 mA for each I/P in open circuit
EXT. SUPPLY CURRENT @ 24 V DC	5 mA Quiescent - 21 mA Max.
END OF LINE RESISTOR (E.O.L.)	22 K Ohm
INPUT - SHORT CIRCUIT	Short Circuit < 2.2 K Ohms
INPUT - OPEN CIRCUIT	Open Circuit > 47 K Ohms
INPUT - OK - NO ALARM OR FAULT	8.2 K Ohms < OK < 47 K Ohms
INPUT - FIRE	2.2 K Ohms < FIRE < 8.2 K Ohms
MAX. CABLE SIZE	2.5 mm²
OPERATING TEMPERATURE	-10ºC to 50ºC
MAX. HUMIDITY	95% RH Non-Condensing
DIMENSIONS	150 (W) x 90 (L) x 32 (H) mm
WEIGHT	220 g inc. packaging
ORDER CODE	
CCPI	CONVENTIONAL CONTROL PANEL INTERFACE