

Non-addressable 4 Zone Fire Alarm Control and Indicating Equipment

HYU-FA-CFP001-4



Key Features

- 4 detection zones
- Supports up to 32 non-addressable devices per alarm zone circuit
- Configurable non-latching detection zones
- Configurable alarm dependency (zone coincidence detection)
- Capacitor end-of-line device
- Configurable timer to delay output activation (up to 10 min)
- 3 Access Levels
- Single-person test mode
- Day/night mode configurable
- Manual activation of alarm devices
- Auxiliary DC 24 V output, with short-circuit protection
- Programmable non-addressable alarm output circuit
- 2 unmonitored relay contacts for Fire Alarm Condition outputs
- 1 unmonitored relay contact for Fault Condition output
- 3 voltage-free inputs for remote reset, evacuation start/stop, and Day/Night mode
- Clear detection zone LED indicators, with a single indicator for Fault, Disable and Test Condition indicator
- Recessed mounting enclosure
- Supports up to 7 Repeater Panels

Specifications

Model	HYU-FA-CFP001-4
Power Supply	
Operating voltage	AC (85 ~ 260) V / 50/60 Hz
Mains supply current limit	720 mA @ AC 230 V
Mains supply fuse	4 A / AC 250 V slow blow (20 mm)
Mains supply fault threshold voltage	≤ AC 60 V
Power supply	2.2 A @ DC 28.5 V
Quiescent current (I _{min})	45 mA
Maximum continuous output current (I _a , max)	0.425 A
Maximum short-duration output current (I _b , max)	1.3 A
Standby battery maximum capacity (2 × DC 12 V)	7.2 Ah
Maximum battery current draw	1.5 A @ maximum operating temperature
Battery fuse	6 A resettable (electronic fuse)
Battery fault threshold voltage	< DC 20 V
Battery fault threshold internal resistance (R _I , max)	0.5 Ω
Quiescent current	45 m A @ DC 28 V
Detection Zones	
Detection zone circuits	4
Number of connected devices per detection zone circuit	32
Detector zone quiescent current	5mA
Detector zone alarm current	80mA
Detector zone wiring characteristics (max)	40 Ω / 0.47 μF
Detection zone end-of-line capacitor	10 μF / DC 50 V
Manual call point resistor value	(470 ~ 689) Ω
Alarm Zones	
Alarm zone outputs	1
Alarm zone current	700mA
Alarm zone end-of-line resistor	100 kΩ
Alarm zone monitoring	Open- and short-circuit
Alarm zone voltage (max)	DC 27.5 V
Alarm zone fuse	1.1 A resettable (electronic fuse)

Ancillary Outputs

Number of programmable output relays	2
Ancillary fire C/O relay	2 × (1.0 A @ DC 30 V / 1 A @ AC 240 V)
Ancillary fault N/C relay	1.0 A @ DC 30 V / 1 A @ AC 240 V
Auxiliary supply	DC (12.0 ~ 28.2) V @ 200 mA
Auxiliary supply at (lb, min)	DC (19.5 ~ 29.0) V @ 0 mA

Ancillary Inputs

Evacuation start / stop	Non-latching, voltage-free
Day / Night mode	Non-latching, voltage-free
Remote reset	Non-latching, voltage-free

Miscellaneous

Terminal wiring	(0.4 ~ 2.5) mm ²
Operating temperature	(0 ~ +50) °C
Operating humidity	(0 ~ 95) % RH, non-condensing
Storage temperature	(-25 ~ +80) °C
Storage humidity	(0 ~ 98) % RH, non-condensing
Dimensions (h × w × d)	(402 × 337 × 99) mm
Weight (excluding batteries)	4.0 kg