HCV-2, HCV-4, HCV-8
CONVENTIONAL FIRE ALARM CONTROL PANEL



DESCRIPTION

The HCV series is available in a 2, 4, 8 Zone conventional panel design which is in accordance with BS EN54-2 and BS EN54-4 Detection and Fire Alarm Systems – Control and Indicating Equipment.

The HCV series has an integrated Power Supply and Battery charging circuit. The control panel has “Voltage Free” Contacts for Fire and Local Fire which operate upon a fire condition. These are used for local control and signaling. In accordance with BS EN54-4.

The HCV series are fully programmable using simple menu options. The Panel is a single board construction, which is installer friendly. Compatible with a wide range of detection devices. Remote control input terminals for Silence Alarm, Sound Alarm, Trouble and Reset.

STANDARD FEATURES

- Fully compliant with & tested to BS EN54-2 and BS EN54-4
- 2-wire Annunciator
- Fully programmable using simple menu options
- Simple, single board construction
- Installer friendly
- Compatible with wide range of detection devices
- Two monitored NAC outputs
- 3 Amp power supply
- Auxiliary power output
- Adjustable sounder delay time
- NAC configuration options
- Zonal NAC delay detectors only
- Zonal NAC delay call points only
- Coincidence input selection
- I.S. Barrier selection by zone
- Short circuit fire by zone
- Non latching zones
- Silent zones
- Zone input delay

PRODUCT LISTING

BS-EN54-2
BS-EN54-4
KM 73505

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Specifications subject to change without notice.

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Technical Support: 800/845-6692 or technicalsupport@hochiki.com

SPECIFICATIONS	
Supply Voltage	120VAC (50hz/60hz) or 220VAC (50hz/60hz)
Power Supply DC Rating	24V 3 Amps
Mains Supply Fuse	1.6 Amp 250V
Dimensions	385mm(W) x 310mm(H) x 92mm(D)
Weight	11.5 lbs.
Color	Red
Material	1.2mm mild steel
Max. Battery Size	7Ah 12V (2 per panel)
Fault Contact Rating	30VDC 1 Amp
Local Fire Contact Rating	30VDC 1 Amp
Fire Contact Rating	30VDC 1 Amp
NAC Output Rating	0.5A per output (max 1.6A over all outputs)
Detection Zone Current	1.6mA
Detection Zone	6K8 5%
End of line resistor Sounder Output	10K 5%
Stand by Current	HCV-2: 0.065Amp, HCV-4: 0.075Amp, HCV-8: 0.093Amp
Alarm Current	HCV-2: 0.1Amp, HCV-4: 0.21Amp, HCV-8: 0.55Amp
End of line resistor Cable Capacity	2.5 mm per terminal
Operating Humidity	95% (non condensing)
Operating Temperature	-5°C to +50°C

HOCHIKI AMERICA COMPATIBLE DEVICES		
MODEL	**DESCRIPTION**	**MAX. # PER ZONE**
	DETECTORS	
SLR-24V/-24VN	Photoelectric high velocity smoke detector	25
SLR-24H	Photoelectric smoke detector	25
SLR-835H/ -835HW	Photoelectric 8-35V smoke detector with Heat	25
SLR-835/-835W	Photoelectric 8-35V smoke detector	25
SLR-835-BH-2W	Photoelectric 8-35V smoke detector with Heat	25
SIJ-24	Ionization smoke detector	25
DFE-135	135° Fixed temperature heat detector	25
DFE-190	190° Fixed temperature heat detector	25
DCD-135	135° Fixed temperature rate of rise heat detector	25
DCD-190	190° Fixed temperature rate of rise heat detector	25
DSC-EA	Rate of rise heat detector	25
SLV-24/-24N	Photoelectric smoke detector	25
	BASES	
NS6-224	6" base, 43mA draw, 24V	25
NS4-224	4" base, 43mA draw, 24V	25
NS4-100	4" base, 24V	25
NS6-100	6" base, 24V	25
	PULL STATION	
HPS-SAK/HPS-DAH HPS-SAH/HPS-DAK	Conventional Manual Pull Station	32
PPE-2(JE)	Call Point	32
	BEAM DETECTORS	
SPC-24	Beam detector	8
SRA-24	Reflective beam detector	5
	NOTIFICATION DEVICES	
GENTEX		
GES24-1575WR	Horn/Strobe	8
GEC3-24WR	Horn/Strobe	8
WGEC-2475WR	Horn/Strobe	10
AMSECO/POTTER		
SH24W-153075R	Horn/Strobe	8
SH24-75110R	Horn/Strobe	8
SL24W-153075R	Horn/Strobe	8
MBA-6	6" Motor Driven Bell, 24VDC	4
HOCHIKI		
FBB-1501	6" Alarm Bell, 24VDC	4