

## 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 Sounder outputs
- 3 Amp power supply
- Auxiliary power output
- Adjustable Sounder delay time
- Sounder configuration options
- Zonal Sounder delay detectors only
- Zonal Sounder delay call points only
- Coincidence input selection
- I.S. Barrier selection by zone
- Short circuit fire by zone
- Non latching zones
- Silent zones

### PRODUCT LISTINGS



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

Specifications subject to change without notice.

Continued on back.

Hochiki America Corporation  
7051 Village Drive, Suite 100, Buena Park, CA 90621-2268  
Phone: 714-522-2246 Fax: 714-522-2268  
Technical Support: 800-845-6692 or technicalsupport@hochiki.com



Find latest revision at [www.hochiki.com](http://www.hochiki.com)

F0094 11/2018



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

### SPECIFICATIONS

Supply Voltage	120 VAC (50hz/60hz) or 230 VAC (50hz/60hz)
Power Supply DC Rating	24V 3 Amps
Mains Supply Fuse	1.6 Amps 250V
Dimensions	385mm (W) x 310mm (H) x 92mm (D)
Weight	11.5 lbs.
Color	Red
Material	1.2mm mild steel
Max. Battery Size	7 Ah 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	1.6m Amps
End of line resistor Detection Zone	6K8 Ohms 5% Resistor
End of line resistor Sounder Output	10K Ohms 5% Resistor
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
Cable Capacity	2.5mm per terminal
Operating Humidity	95% RH (non condensing)
Operating Temperature	-5°C to +40°C

### HOCHIKI AMERICA COMPATIBLE DEVICES

MODEL	DESCRIPTION	MAX. # PER ZONE
<b>DETECTORS</b>		
SOC-24V / SOC-24VN	Photoelectric smoke detector	25
SLR-24V / SLR-24N	Photoelectric high velocity smoke detector	25
SLV-24V / SLV-24N	Photoelectric smoke detector	25
SLR-24H	Photoelectric smoke detector	25
SLR-835H / SLR-835HW	Photoelectric 8-35V smoke detector with Heat	25
SLR-835 / SLR-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
<b>BASES</b>		
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
<b>PULL STATION</b>		
HPS-SAK/HPS-DAH/HPS-SAH/HPS-DAK	Conventional Manual Pull Station	32
PPE-2 (JE)	Conventional Manual Call Point	32
<b>BEAM DETECTORS</b>		
SPC-24	Beam detector	4
<b>NOTIFICATION DEVICES</b>		
<b>GENTEX</b>		
GES24-1575WR	Horn/Strobe	8
GEC3-24WR	Horn/Strobe	8
WGEC-2475WR	Horn/Strobe	10
<b>AMSECO/POTTER</b>		
SH24W-153075R	Horn/Strobe	8
SH24-75110R	Horn/Strobe	8
SL24W-153075R	Horn/Strobe	8
MBA-6	6" Motor Driven Bell, 24VDC	40
<b>HOCHIKI</b>		
FBB-150I	6" Alarm Bell, 24VDC	60
FBB-150K	6" Alarm Bell, 24VDC	35