

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



HCA FRONT & SIDE VIEW

DESCRIPTION

The HCA series is available in a 2, 4, or 8 zone conventional panel design which is in accordance with UL 864 9th Edition Listing Detection and Fire Alarm Systems – Control and Indicating Equipment.

The HCA series are fully programmable using simple front panel menu options. HCA supports releasing of agent (FM-200, 3M Novec, etc) and water (Pre-action, Deluge, etc.) on the HCA-4 and HCA-8 models only. This conventional control panel offers programming features to the user. The panel is a single board construction, which is installer friendly. The panel is compatible with a wide range of Hochiki America's detection devices.

STANDARD FEATURES

- UL864 9th Edition / NFPA Compliant
- Fully programmable using simple menu options
- Simple, single board construction
- Installer friendly and supports flush or surface mount without a separate trim-ring
- Built-in two-line (16 Characters for each line) LCD display provides easy to read information
- 15 Key control buttons for easy programming, reset and silencing.
- Real time clock
- Event History log (256 events) with Date/Time stamp, which can be viewed from LCD display
- Compatible with wide range of detection devices
- 4 Programmable Supervised NAC outputs
- 6.5 Amp power supply
- Switchable 120/240VAC 50/60 Hz Power supply
- 5 Programmable output patterns for NAC circuits
- Gentex Sync Protocol Built-in
- Supports Releasing of Agents & Water on HCA-4 & HCA-8 models
- Three programmable general purpose relays
- Dedicated alarm and trouble relays
- Built-in walk test feature
- Panel Dimension: 14.57" (W) x 15.47" (H) x 4.41" (D)
- Supports up to two 12V, 18Ah Backup batteries
- Supports one Remote Annunciator via RS-485

PRODUCT LISTINGS



California
State Fire
Marshal
7165-0410:183

Specifications subject to change without notice.

Continued on back.

SPECIFICATIONS	
Supply Voltage	120VAC (50hz/60hz) or 240VAC (50hz/60hz)
Power Supply DC Rating	24V @ 6.5 Amps (HCA-4/8) 24V @ 4.5 (HCA-2)
Number of Zones	HCA-2 (2 Zones), HCA-4 (4 Zones), HCA-8 (8 Zones)
NAC Outputs	(4) 2.5 Amp @ 24VDC Special Application, Class B
Relay Outputs	(5) 3 Amps @ 30VDC, 3A @ 240VAC
Display	2 line x 16 character LCD
Charger Current	0.98A @ 22VDC max.
Battery	2 x 12VDC, 18AH max.
Operating Temperature	32°F ~ 120°F (0°C ~ 49°C)
Operating Humidity	95% RH Non-Condensing
Color	Red
Dimension	14.57"W X 15.47"H X 4.41"D (370mm X 393mm X 112mm)
Weight	22 lbs. (10Kg)

HOCHIKI AMERICA COMPATIBLE DEVICES		
MODEL	DESCRIPTION	MAX. # PER ZONE
<u>DETECTORS</u>		
SLR-835	Photoelectric high velocity smoke detector	20
SLR-24V	Photoelectric high velocity smoke detector	20
SLR-24H	Combined Photoelectric smoke / Heat detector	20
DSC-EA	Rate of rise heat detector	20
DCD-135	135° Fixed temperature rate of rise heat detector	20
DCD-190	190° Fixed temperature rate of rise heat detector	20
<u>BASES</u>		
NS6-224	6" base, 43mA draw, 24V	20
NS4-224	4" base, 43mA draw, 24V	20
NS6-100	6" base, 150mA draw, 24V	20
NS4-100	4" base, 150mA draw, 24V	20
<u>PULL STATION</u>		
HPS-SAK/HPS-DAH	Conventional Manual Pull Station	25
HPS-SAH/HPS-DAK	Conventional Manual Pull Station	
<u>RELEASING ACCESSORY</u>		
0400-02590	Releasing EOL Module	1
3001000	Abort Switch (Potter)	1
PB-SA	Abort Switch	1
HPS-DAK-SR	Fire Suppression Release Pull Station	1
131-035	Electrical Actuator (Sea-fire)	1
73218BN4UNLVNOC1111C2	Solenoid (Parker/Skinner)	1
LV2LBX25	Solenoid (Parker/Skinner)	1
X5H65100 (24Volt)	Solenoid (Parker/Skinner)	1
T8210A107	Solenoid (ASCO)	1
R8210A107	Solenoid (ASCO)	1
8210A107	Solenoid (ASCO)	1
753-E FireLock 300 psi	Solenoid (Victaulic)	1
11591	Solenoid (Viking)	1