

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



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. Also, Built-in Dialer on HCA-2D, HCA-4D and HCA-8D 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 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
- 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
- 4 programmable cadence patterns for NAC circuits
- Gentex sync protocol built-in
- Built-in dialer for HCA-2D, HCA-4D and HCA-8D Only
- 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



United States Coast Guard
U.S. Department of Homeland Security

HCA-2, -4, and -8
(panels without dialers)
USCG Approved



California State
Fire Marshal
7165-0410:183

Specifications subject to change without notice.

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SPECIFICATIONS

Supply Voltage	120VAC (50hz/60hz) or 240VAC (50hz/60hz)
Power Supply DC Rating	24V @ 6.5 Amps
Number of Zones	HCA-2 (2 Zones), HCA-4 (4 Zones), HCA-8 (8 Zones)
NAC Outputs	(4) 2.5 Amps @ 24VDC Special Application, Class B
Relay Outputs	(5) 3 Amps @ 30 VDC
Display	2 line x 16 character LCD
Charger Current	0.98A @ 22 VDC max.
Battery	2 x 12 VDC, 18 AH max.
Operating Temperature	32°F ~ 120°F (0°C ~ 49°C)
Operating Humidity	95% RH Non-Condensing
Color	Red
Dimensions	14.57" W x 15.47" H x 4.41" D (370mm x 393mm x 112mm)
Weight	14 lbs. (6.4Kg)

HOCHIKI AMERICA COMPATIBLE DEVICES

MODEL	DESCRIPTION	MAX. # PER ZONE
DETECTORS		
SLR-835	Photoelectric 8-35V Smoke Detector	20
SLR-24V	Photoelectric 8-35V Smoke Detector	20
SLR-24H	Photoelectric Smoke Detector w/heat	20
SOC-24V / SOC-24VN	Photoelectric Smoke 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
BASES		
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
PULL STATIONS		
HPS-SAK/HPS-DAH	Conventional Manual Pull Station	25
HPS-SAH/HPS-DAK	Conventional Manual Pull Station	25
RELEASING ACCESSORIES		
0400-02590	Releasing EOL Module (Included for HCA-4, -8)	1
PB-SA	Abort Switch	1
HPS-DAK-SR	Fire Suppression Release Pull Station	1
COMPATIBLE ACTUATORS & SOLENOIDS		
131-035	Electrical Actuator (Sea-fire)	1
SOL EA45	Electrical Actuator (Sevo Systems)	1
PA0036-3	Electrical Actuator (TLX Technologies)	1
73218BN4UNLVNOC1111C2	Solenoid (Parker/Skinner)	1
LV2L BX25	Solenoid (Parker/Skinner)	1
X5H65100 (24Volt)	Solenoid (Parker/Skinner)	1
T8210A107	Solenoid (ASCO)	1
R8210A107	Solenoid (ASCO)	1
HV2185328	Solenoid (ASCO)	1
8210A107	Solenoid (ASCO)	1
753-E FireLock 300 psi	Solenoid (Victaulic)	1
11591	Solenoid (Viking)	1