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HCVR-3 - CONVENTIONAL RELEASING FIRE ALARM CONTROL PANEL

DESCRIPTION

The HCVR-3 is a 3 zone conventional releasing fire alarm control panel that is UL Listed and FM Approved for releasing.

The HCVR-3 can be configured to activate releasing by a single zone or combination of any two zones. The LCD display is used to show the countdown timer during activation of the releasing sequence.

The HCVR-3 is fully programmable using simple menu options. The panel is a single board construction which provides an easy replacement solution. It is also compatible with a wide range of devices.

STANDARD FEATURES

- UL 864 Listed and FM Approved
- Three detection zones
- Any single zone or any combination of zones can be configured to release
- Fully programmable using simple menu options
- Simple, single board construction
- Installer friendly
- Compatible with wide range of detection devices
- Configurable first stage NAC delays
- Configurable detection delays
- Built-in Manual Release switch and separate circuit
- Compatible with FirePro Xtinguish™
- Compatible with various releasing valves
- Configurable releasing delays up to 60 seconds in 5 second intervals
- Configurable releasing duration up to 5 minutes in 5 second intervals
- Releasing countdown timer displayed on the LCD
- Supports up to seven HCVR-SDU or HCVR-AB
- Built-in relays for Fire, Trouble, Stage 1, Stage 2, Extract and Local Fire

PRODUCT LISTINGS

SIGNALING UL LISTED S6468

FM APPROVED 3046396

California State Fire Marshal 7165-0410:0206

Specifications subject to change without notice.

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ISO 9001:2008 REGISTERED

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SPECIFICATIONS

Supply Voltage	115VAC (50hz/60hz) or 230VAC (50hz/60hz)
Power Supply DC Rating	24V 3 Amps
Mains Supply Fuse	1.6 Amps 250V
Dimensions	14.5" (W) x 12.2" (H) x 3.5" (D)
Weight	12.3 lbs. w/o batteries
Color	Red or gray
Material	1.2mm mild steel
Max. Battery Size	7Ah 12V (2 per panel)
RS-485 Serial Bus	Maximum line impedance 120 Ohms
Trouble Contact Rating	30VDC 1 Amp
Local Fire Contact Rating	30VDC 1 Amp
Fire Contact Rating	30VDC 1 Amp
1st Stage Contact Rating	30VDC 1 Amp
2nd Stage Contact Rating	30VDC 1 Amp
EXTRACT Output	30VDC 1 Amp contacts for (NO) and (C)
EXISTING Output Rating	18 to 28VDC 1 Amp max load for 5 minutes and voltage reversing DC
NAC Output Rating	0.5 Amp per output
Detection Zone End of line resistor	6K8 Ohms 5% resistor
NAC Output	10K Ohms 5% resistor
Stand by Current	86 mA
Alarm Current	620 mA
Operating Humidity	95% RH Non-Condensing
Operating Temperature	-5°C to +40°C (23°F to 104°F)

HOCHIKI AMERICA COMPATIBLE DEVICES

MODEL	DESCRIPTION	MAX
PANEL ACCESSORIES		
HCVR-SDU	Remote Status Display Unit	7
HSVR-AB	Ancillary Board	7
HCVR-SQA	Sequential Activator	20
HCVR-DS	Disconnect Switch	1
DETECTORS		
SLR-24H	Photoelectric Smoke Detector w/heat	20 per zone
SLR-835	Photoelectric 8-35V Smoke Detector	20 per zone
SLR-835/-835W	Photoelectric 8-35V Smoke Detector	20 per zone
SLR-835-BH-2W	Photoelectric 8-35V Smoke Detector w/heat	20 per zone
SLV-24V/-24/-24N	Photoelectric Smoke Detector	20 per zone
SOC-24V / SOC-24VN	Photoelectric Smoke Detector	20 per zone
SIJ-24	Ionization Smoke Detector	20 per zone
DCD-135	135° Fixed Temperature Rate of Rise Heat Detector	20 per zone
DCD-190	190° Fixed Temperature Rate of Rise Heat Detector	20 per zone
BASES		
NS6-220	6" base, 93mA draw, 24V	20
NS4-220	4" base, 93mA draw, 24V	20
PULL STATION/ABORT SWITCH		
HPS-SAK/HPS-DAH/HPS-SAH/HPS-DAK	Conventional Manual Pull Station for Fire Suppression Release	Unlimited
HCVR-AS	Abort Switch	Unlimited
RELEASING VALVES		
HV2185328	ASCO Solenoid	1
8210G207	ASCO Solenoid	1
11601	Viking Solenoid	1
11602	Viking Solenoid	1
11592	Viking Solenoid	1
11591	Viking Solenoid	1
11596	Viking Solenoid	1
11595	Viking Solenoid	1
2823A-2NB-A4F6	Snap-tite Solenoid	1
EA45 (510006)	Sevo Systems Solenoid	1
K-45-8017	Kidde Solenoid (equivalent to 486500-01)	1
B6793-859	Kidde Solenoid (equivalent to 81-100000-001)	1
753-E Series	Victaulic Solenoid	1
305350 Ci IS8B	Fire Eater Solenoid	1
305451 Ci IS8B	Fire Eater Solenoid	1