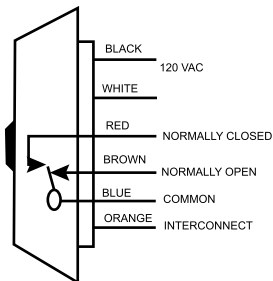
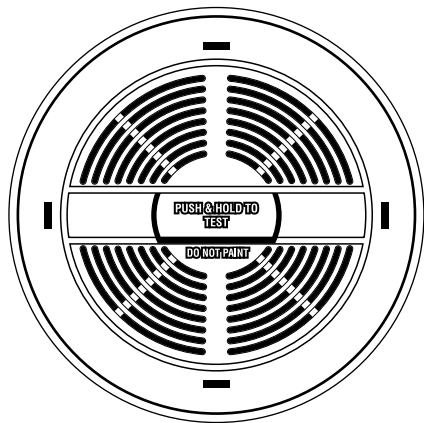
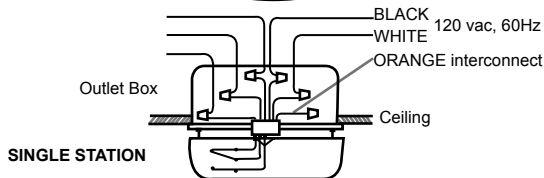


120 VAC Hardwire Ionization Smoke Alarm with Built-in Relay ESA5011



RELAY CONNECTION:
ESA5011 provides one Form C(NO/NC) contact which activates on alarm.
Contact rating (resistive): 10 A at 120 VAC/10A at 28 VDC.
Relay wires (red/brown/blue) 14 gauge stranded copper, install in accordance with Electrical code and local building codes.



ARCHITECTURAL SPECIFICATIONS:

The smoke alarm shall be white or off-white in color, circular in design and powered by a 100 to 130 VAC, 60 HZ power source. It shall utilize solid-state dual-ionization technology as its detection method. The smoke alarm shall consume no more than 20 mA in standby condition and no more than 70 mA in alarm condition. The smoke alarm shall have one set of Form C rating of 120 VAC or 28 VDC and a relay load rating of 10 A. The sensing chamber shall be insect resistant. The smoke alarm shall be capable of operating between 40°F and 100°F (4°C and 38°C) and within a humidity range of 10% to 85%. The smoke alarm shall have two LED indicator lights. The green LED light shall be lit continually while the unit is receiving AC power. The red LED indicator light shall flash when the unit is in alarm. For interconnected units in alarm, the red LED indicator light shall flash every second in the unit originating the alarm and shall flash every 45 seconds in the interconnected units. The built-in test button shall electronically activate the chamber to simulate smoke and check for proper operation. The electronic sounder shall sound at a minimum of 85 dB at 10 feet (3 m) if smoke is detected. The alarm shall be interconnectable with up to 17 other compatible units. The unit shall be capable of mounting to any electrical box up to 4" in size and shall utilize a quick disconnect power connector. It shall have a separate base mounting plate. It shall have a locking key or some method of securing the alarm to the base plate to deter tampering and theft. The smoke alarm shall come with the required screws and anchors required for installation. **The smoke alarm shall be listed to UL 217 for U.S.A.** applications and shall be calibrated to the sensitivity specified by that standard. The smoke alarm shall be an American Sensors model ESA5011 or equivalent.

INTERCONNECTION:

The ESA5011 may be interconnected with up to a maximum of 18 units. May also be interconnected to the following models:
American Sensors: SA360, SA379, ESA5011, COS2010
Dicon: 670L, 670LR, 370LBX
ASI Electronics: ESA5010, ESA5011, ESA6010
Maximum interconnect length is 150 feet (50 meters)

TECHNICAL INFORMATION:

Listings:	UL 217, ULC S531
Detection Technology:	Dual-ionization
Operating Voltage:	100-130 VAC, 60HZ
Standby Current:	20mA AC
Alarm Current:	70 mA AC
Alarm Level:	85 dB at 10 feet (3 m)
Interconnections:	Up to 18 smoke alarms
Relay Type:	Form C (NO/NC)
Relay Contact Rating:	Max. 10 amp 120 VAC/28 VDC
Indicator Light:	Green LED remains on when unit is powered. Red LED flashes when unit is in alarm.
Test Button:	Electronically tests sensitivity, circuitry and horn
Temperature:	40°F to 100°F (4°C to 38°C)
Relative Humidity:	10% to 85%
Dimensions:	5.25" diameter x 1.5" depth
Model Replaces:	Dicon 670L

Specifications are subject to change.

SHIPPING SPECIFICATIONS:

Item Number	ESA-5011A (U.S.A.) ESA-5011KA (Canada)
Unit UPC (U.S.A.):	0 80715 80005 8
Unit UPC (Canada):	0 80715 81005 7
Box Dimensions:	5.5"(w) x 5.5"(h) x 2.4"(d)
Weight:	0.55 lb.
<i>10 Pack Master</i>	
Case UPC (U.S.A.):	5 0080715 80005 3
Case UPC (Canada):	7 0080715 81005 6
Case Dimensions:	11.75" (l) x 10.5" (w) x 6.25" (h)
Weight:	6.1 lb.

Listings:



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