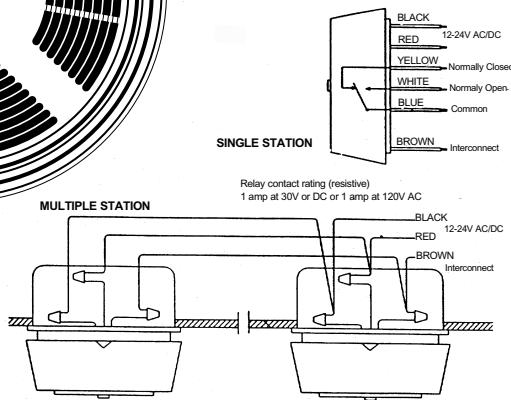
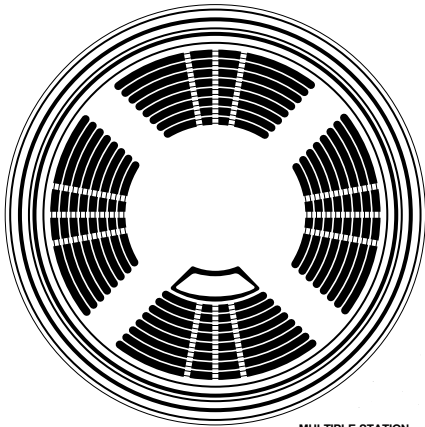


# 12/24 Volt AC or DC Low Voltage Photoelectric Smoke Alarm with Built-in Relay

## ASD200



### ARCHITECTURAL SPECIFICATIONS:

The smoke alarm shall be white or off-white in color, circular in design and powered by a 12V DC or 24V DC power source. It shall utilize advanced photoelectric technology as its detection method. The smoke alarm shall be measured at no more than 10 mA in standby condition. The smoke alarm must have one set of Form C normally open or normally closed contacts. The relay contacts shall have a rating and a relay loading rating of 1A. The relay's default setting shall utilize momentary contacts but there shall be a method of modifying them to convert them to latching contacts. The alarm shall be insect resistant. The 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 power. For interconnected units, the red LED light shall flash once every second in the originating unit and 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 11 compatible units. The unit shall be capable of mounting to any electrical box up to 4" in size. **In Canada, the smoke alarm shall be listed to ULC Standard S531** and calibrated to the sensitivity specified by that standard. The smoke alarm shall be an American Sensors model ASD200 or equivalent.

### INTERCONNECTION:

The ASD200 may be interconnected with up to a maximum of 12 units. May also be interconnected to the following models:  
American Sensors: ASD100, ASD200  
Dicon: 330SR, 440SRIM  
ASI Electronics: ASD100, ASD200  
Maximum interconnect length is 150 feet ( 50 meters)

### TECHNICAL INFORMATION:

Listings:	ULC S531
Detection Technology:	Photoelectric
Operating Voltage:	10-28 V DC
Standby Current:	10mA
Alarm Current:	80 mA
Alarm Level:	85 dB at 10 feet (3 m)
Interconnections:	Up to 12 smoke alarms
Relay Type:	Form C (NO/NC)
Relay Contact Rating:	Max. 1 amp 30 V DC/125V AC
Fault Indicator:	Horn beeps every 45 seconds
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:	6.2" diameter x 1.6" depth
Model Replaces:	Dicon 440SRIM

Specifications are subject to change.

### SHIPPING SPECIFICATIONS:

Item Number	ASD-200KA (Canada)
Unit UPC (Canada):	0 80715 83002 4
Box Dimensions:	5.3"(w) x 5.3"(h) x 2.5"(d)
Weight:	0.6 lb.
<i>10 Pack Master</i>	
Case UPC (Canada):	7 0080715 83002 3
Case Dimensions:	12.75" (l) x 11.5" (w) x 6.25" (h)
Weight:	6.4 lb.

Listings:



Dicon Global Inc.  
20 Steelcase Road West, Unit 3  
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