

DETECTION CONTROL PANEL, FOR REMOTE SENSORS - SERIES FDS-CS

**GENERAL SPECIFICATIONS:**

<b>Use</b>	Modbus controller for centralized gas detection monitoring with real-time gas reading, selective alarm activation and low cost of installation.
<b>Size</b>	28 x 20.3 x 7 cm (11.02 x 7.99 x 2.76 in.)
<b>Weight</b>	1.1 kg (2.4 lb.)
<b>Enclosure</b>	NEMA 4X Polycarbonate - ABS
<b>Power Requirement</b>	17-27 Vac, 24-38 Vdc, 500 mA
<b>Network Capacity</b>	Standard-32 channel capacity. Contact factory for options: Three Modbus channel up to 96 transmitters; one wireless channel for up to 50 301W wireless transmitters & optional BACnet/IP outlet; data logger.
<b>Communication Line Lengths</b>	Up to 609 m (2000 ft.) per channel T-Tap: 20 m (65 ft.) maximum per T-Tap 40 m (130 ft.), maximum for all T-Tap combined
<b>Relay Output Rating</b>	5 A, 30 Vdc or 250 Vac (resistive load)
<b>Alarm Levels</b>	3 fully programmable alarm levels
<b>Time Delays</b>	0.30 sec., 45 sec., 1-99 minutes before and after alarm
<b>Outputs</b>	4 DPDT relays (alarms and/or fault); 65dBA buzzer
<b>Display</b>	Large, 122 x 32 dot matrix display
<b>Operating Humidity Range</b>	0-95% RH, non-condensing
<b>Operating Temp. Range</b>	-20-degrees to 50-degrees C (-4-degrees to 122-degrees F)



**RATINGS & CERTIFICATIONS:**

<b>Certified to</b>	CAN/CSA C22.2 No 61010-1   116662
<b>Conforms to</b>	ANSVUL 61010-1 IEC 61010-1 Including Ammendments A1:1992 + A2: 1995 and National Deviations (Canada, US)