



ISO 9001: 2000
Certified

888-367-4286
713-559-9200
fax 281-292-2860
www.detcon.com
sales@detcon.com

Detcon MODEL RD-8X-N7

REMOTE DISPLAY



DESCRIPTION

Model RD-8X-N7 is a read-only remote display unit designed to operate as a Modbus™ Master. The unit is capable of polling and displaying the status of a wide range of addressable Detcon brand control systems. Model RD-8X-N7 displays real-time channel information on a backlit LCD. Display information includes channel number, gas type, unit of measure, and gas concentration. The unit also features Alarm/Fault status indication on front panel LED indicators and alarm relay outputs via four SPDT relays. These relays can be used to actuate external audio visual alarm devices or as signal input/outputs to other control devices.

The Model RD-8X-N7 has a built-in power supply requiring 115/230VAC, 50/60Hz, or can be powered by 11.5-30VDC. The system is housed in a NEMA 7, watertight, explosion-proof enclosure designed for use in hazardous locations. The unit includes a power switch and an alarm reset switch mounted on the side wall of the enclosure.

SPECIFICATIONS

- Capacity**
Configurable up to 32 channels
- System Input**
RS-485 Modbus™ RTU
- Outputs**
4 Relays: Form C; RS-485 Modbus™ Slave
- Power Input**
115/230 VAC 50/60Hz; 11.5-30VDC
- Power Consumption**
Nominal: 1 Watt @ 24VDC; Max 2 Watts @ 24VDC
- Electrical Classification**
Class I; Division I; Group C & D (NEMA 7)
- Dimensions**
15-3/8"W x 12-3/8"H x 8-1/2"D
- Operating Temperature Range**
-40°C to +75°C; -40°F to +167°F
- Warranty**
One year

FEATURES

- ▶ Real-time Data Display
- ▶ NEMA 7 Explosion Proof
- ▶ Completely User/Field Programmable
- ▶ External Reset/Acknowledge Switch

ORDER GUIDE

Order by Part Number 957-083200-DSC

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