SAFEnet® V 6.2.16 SP4

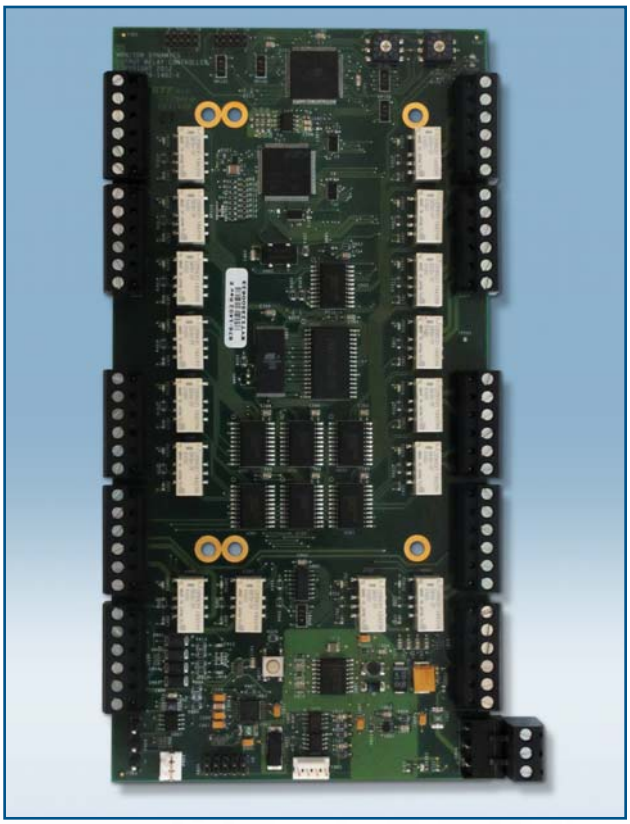
Technical Specifications
Integrated Digital Controller Hardware

Output Relay Controller (ORC)

monitordynamics

The Output Relay Controller (ORC) is an output control field device that provides the system interface between the Network Local Controller (NLC) Board and any field devices that require relay control.

Some typical uses include signaling devices, locks, lighting, and devices that can be controlled by Form-C relays. Relay outputs can be linked to any system event or input.



The ORC features 16 output relays and 1 tamper input. All applications are downloadable into FLASH memory thus eliminating the need to replace EPROMs for application changes and system upgrades.

As customer needs change and grow, additions to the system become cost-effective by simply reconfiguring the system or adding only the required controllers.

The ORC is configured with a diagnostics port which allows field service and other technical personnel to review activity, perform diagnostic analysis, and make system configuration changes as needed.

Features:

- Provides 16 Form-C relay contact sets
- Supports downloadable FLASH memory eliminating the need to change EPROMs for application programming and system upgrades
- RS-485 bus allows local installation or remote installation up to 4,000 feet (1,300m) from NLC
- The ORC accepts a 6.0 - 16.0 VDC power source

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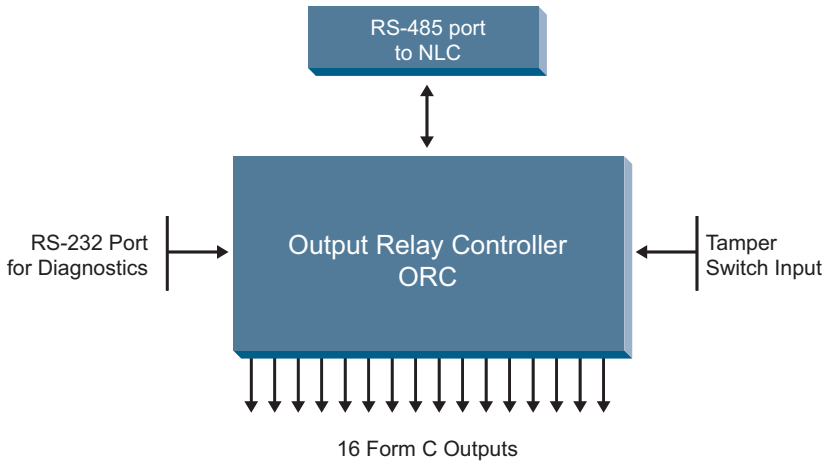

Primary Panel Features:

Electrical

Power	6-16 VDC
Current Draw	120mA maximum

Dimensions

Width	7.0 in. (178 mm)
Length	5.0 in. (127 mm)
Height	1.0 in. (26 mm)

Environment

Temperature	32ºF-120ºF, (0ºC-50ºC)
Humidity	10%-95% (non-condensing)

Memory

Read Only	64 Kbytes Flash Memory
Random	128 Kbytes SDRAM
Event Storage	512 Kbytes on loss of communications

Communications

Protocol	RS-485
Distance	4,000 feet
Media Type	Twisted Pair (Belden 9841 cable)
Diagnostics Port	RS-232

Outputs

Relay Outputs	4 Form-C
Max Current	1Amp @30VDC (resistive load)
LED Display	16 indicating relay status

Inputs

Tamper Switch	1 un-supervised

Design and specifications subject to change without notice.

www.monitordynamics.com

ORC-01/09/13

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