SFP

Verbatim ®

Automatic Dialing and Remote Monitoring Systems

Prevent unauthorized access to unsupervised or remotely located alarm autodialing systems...

Secure Front Panel (SFP) Verbatim-Only $1,550.

RACO Verbatim Automatic Dialing and Remote Monitoring Systems, designed for remote alarm monitoring, reporting, and control over the dial-up public telephone network, are now available in a Secure Front Panel (SFP) configuration. With the SFP system, programming can only be done over the phone; safeguarding unsupervised or remotely located units.

The Verbatim SFP offers a significant cost advantage. Because the programming keypad and indicators used on a standard Verbatim front panel are eliminated on the SFP models, the initial purchase price is lower.

RACO Alarm Autodialers

When in the alarm monitoring and reporting mode, the Verbatim automatically calls a list of pre-programmed phone numbers upon receipt of an alarm condition. When contact is made, the system reports the location and nature of the alarm via a sequence of voice messages that are digitally pre-recorded by the user.

When autodialing, called stations can include standard phones in the office, plant, or home, as well as pagers, cellular phones, computers, and voicemail systems. And in addition to alarm reporting, the user can call in at any time from any standard touch tone phone to get the present status of all monitored functions.

Monitoring and Control Applications

A single Verbatim System can be equipped to accept up to 32 digital inputs and 16 analog inputs for monitoring functions and 8 outputs for control functions. When a monitored function goes into an alarm condition, the user can use a standard touch-tone telephone to acknowledge the alarm and initiate a corrective control operation such as starting a pump or closing a power switch.

System Options

The RACO Modbus Interface Module Option delivers cost-effective connectivity to all devices (PLCs, annunciators, chart recorders, MCCs, etc.) compatible with Modicon Modbus RTU master protocol. Plug-in modules for digital and analog inputs and control outputs let the customer setup and expand a system to meet application needs.

Verbatim Systems are also available with a data communications function, which includes a modem and software, for only $435. Verbatim units may also be packaged as part of the RACO Cellularm System for alarm monitoring and control over the cellular telephone network when standard phone lines have been disabled or are not available.

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Specifications-Verbatim Systems

Internal Inputs, Contact	*4 standard; 8, 16, 24 or 32 optional*
Internal Inputs, Analog	*1, 4, 8 or 16 optional*
Outputs	*4 or 8 optional*
External inputs	*Modbus RTU Master Interface, optional, 32, 64, & 96 alarm channels*
Phone Numbers, Autodialing	*16 programmable, 60 digits each*
FCC Registered	*Part 68, "Ringer Equivalence": 0.3A*
Speech Messages	*Digitally recorded by user*
Programmable Alarm Criteria	*Alarm on closed, open, or status only (no alarm)*
Surge Protection	*Gas tube followed by solid state Tranzorb*
Power Requirements	*105-135 VAC, 50/60 Hz, 15 W max. or 8-14 VDC at 500 mA max.*
Battery Backup	*20 hours continuous*
Weight	*8 lbs. (3.5 kg)*
Dimensions	*1-7/8"H x 9-3/4"W x 5"D*
Warranty	*5 years parts and labor*

Ordering Table:

Specify number of inputs at time of order (also field upgradable). A standard configuration is 4 digital inputs. Refer to table below for greater numbers.

VERBATIM SFP MODEL	DESCRIPTION	VOICE RECORDING TIME
VSF4C	*Monitors 4 digital inputs*	*26 seconds*
VSF8C	*Monitors 8 digital inputs*	*26 seconds*
VSF16C	*Monitors 16 digital inputs*	*52 seconds*
VSF24C	*Monitors 24 digital inputs*	*78 seconds*
VSF32C	*Monitors 32 digital inputs*	*104 seconds*

- *Programming can only be done over the phone; safeguarding unsupervised or remotely located units.*
- *Lower initial purchase price because keypad and indicators used on a standard Verbatim front panel are eliminated.*
- *Automatically calls a list of pre-programmed phone numbers upon receipt of an alarm condition.*

- *Reports alarm via a sequence of voice messages that are digitally pre-recorded by the user.*
- *Calls standard phones in the office, p/ant, or home, as well as pagers, cellular phones, computers, and voicemail systems.*
- *Supervisory personnel can call in at any time from any standard touch tone phone to get the present status of all monitored functions.*
- *Called party can use any standard touch-tone telephone to acknowledge the alarm and initiate a corrective control operation such as starting a pump or closing a power switch.*
- *A single Verbatim System can be equipped to accept up to 32 digital inputs and 16 analog inputs for monitoring functions and 8 outputs for control functions.*
- *Surge protection* ■ *Battery backup*
- *Warranted for 5 years, parts and labor*

1948-1998
50th ANNIVERSARY

SINCE 1948

RACO
REMOTE ALARMS AND CONTROLS

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