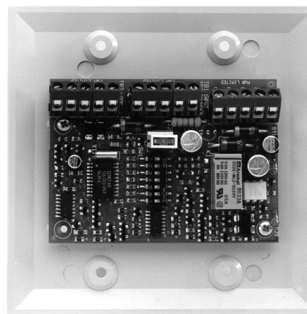


AGENT RELEASING KIT - REMOTE MOUNT

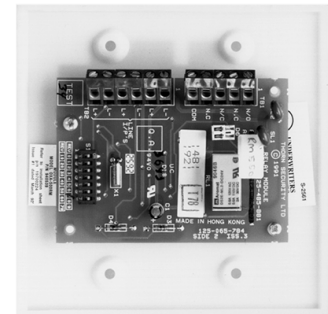
AUTOCALL® 506SDA/RM



506SDA (OXA-502RM Similar)
(Front View)



506SDA
(Rear View)



OXA-502RM
(Rear View)

Features

- Provides a Style Y Releasing Circuit
- LED Annunciation at Each Device for Normal, Activated, and Trouble Conditions
- 2 Amp Output Rating
- High EMF/RFI Noise Immunity
- Power-Limited

General Information

The 506SDA/RM agent releasing kit is used to activate solenoid activated sprinkler systems or agent releasing systems in response to a command sent from the fire control panel. The 506SDA/RM works in conjunction with the AUTOCALL TFX series fire alarm systems and CONSYS Issue 10.0 and above. Releasing configurations available include single zone releasing, UL type alarm counting initiating releasing and cross zone releasing, as well as Industrial Risk Insurers alarm counting releasing and cross zone releasing.

Description

The 506SDA/RM releasing kit meets the requirements of the following NFPA Standards:

- NFPA 12 CO₂ Extinguishing Systems (high pressure and low pressure)
- NFPA 12A Halon 1301 Extinguishing System
- NFPA 12B Halon 1211 Extinguishing System
- NFPA 13 Sprinkler Systems
- NFPA 15 Water Spray Systems
- NFPA 16 Foam-Water Deluge and Foam-Water Spray Systems
- NFPA 17 Dry Chemical Extinguishing Systems
- NFPA 17A Wet Chemical Extinguishing Systems
- NFPA 2001 Clean Agent Fire Extinguishing Systems

The releasing circuit is supervised and may be configured as an NFPA 72 Style Y circuit.

The 506SDA/RM must be used with the UL Listed RPS-424 power supply (P/N 910683) and the output is power-limited.

Installation and Wiring

The 506SDA/RM is a releasing module kit with one 506SDA releasing module (P/N 976378), one OXA-502RM relay module (P/N 976258), and one end of line suppression device (P/N 976268). The two addressable field modules are each provided with an attractive plastic cover with eggshell finish. An LED is visible through an opening in each plastic cover.

The 506SDA and OXA-502RM each mount on any of the following UL listed electrical boxes: a standard surface 2-gang switch box or tile box, a recessed 4"(101.6mm) square box with 2-gang adaptor, or a recessed cast box with 2-gang switch plate mounting. See Installation and Operating Instructions (Publication 19700473) and TFX Releasing Option User's Guide (Publication 850526) for additional information.

Testing and Maintenance

Testing must be performed in accordance with the requirements of NFPA 72.

Listings & Approvals

- UL Listed for releasing device service when used with AUTOCALL TFX series control panels, in accordance with applicable installation instructions and manuals.
- CSFM No. 7300-1493:152
- MEA No. 415-92-E Vol. IX (506SDA)
415-92-E Vol. VI (OXA-502RM)
- FM ID No. 3001053 (506SDA)
OB2A9.AY (OXA-502RM)

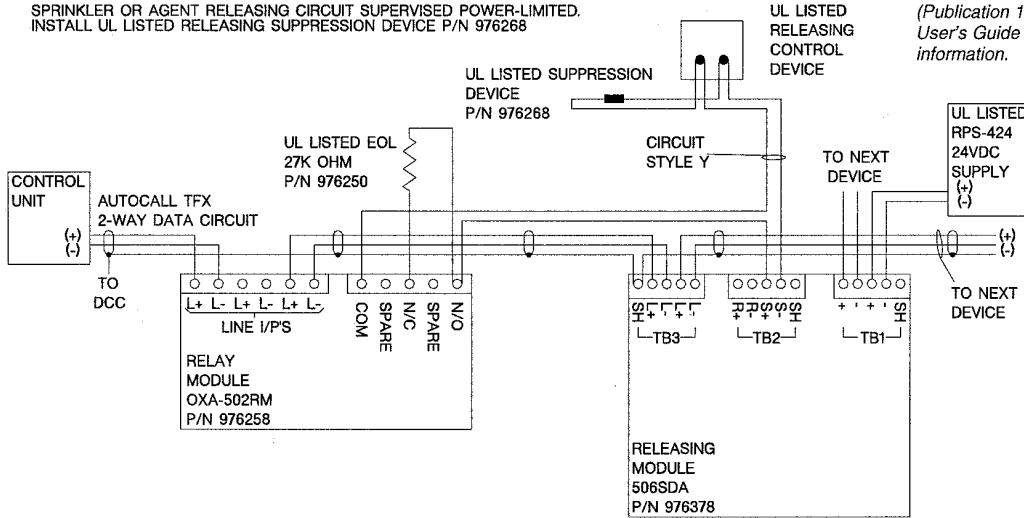


AGENT RELEASING KIT - REMOTE MOUNT

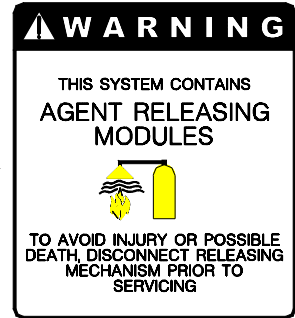
AUTOCALL® 506SDA/RM

SPRINKLER OR AGENT RELEASING CIRCUIT SUPERVISED POWER-LIMITED.
INSTALL UL LISTED RELEASING SUPPRESSION DEVICE P/N 976268

See Installation and Operating Instructions
(Publication 19700473) and TFX Releasing Option
User's Guide (Publication 850526) for additional
information.

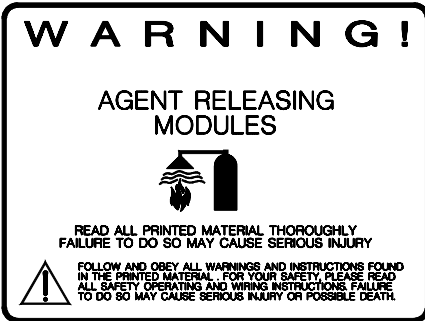


Releasing Module (Style Y) Wiring Diagram (506SDA/RM)



Specifications

	506SDA	OXA-502RM
Operating Temperature:	32°F to 120°F	32°F to 120°F
Operating Humidity:	85% (noncondensing)	85% (noncondensing)
Addressable Loop Current:		
Standby Current:	0.35mA	0.18mA
Alarm Current:	0.35mA	0.18mA
External 24VDC Power:	RPS-424 power supply	n/a
Standby Current:	0.08mA	n/a
Alarm Current:	0.08mA, plus current used by connected releasing coil	n/a
Cover Material:	Polycarbonate ABS alloy	Polycarbonate ABS alloy
Dimensions:	4 1/2" (114.3mm)H x 4 1/2" (114.3mm)W x 1 1/4" (81.75mm)D	4 1/2" (114.3mm)H x 4 1/2" (114.3mm)W x 1 1/4" (81.75mm)D



Ordering Information

Part No.	Model	Description
976414	506SDA/RM	Agent releasing kit, with 506SDA releasing module mounted to two gang plate (P/N 976378), OXA-502RM relay module mounted to two gang plate (P/N 976258), end of line suppression device (P/N 976268), and end of line resistor, 27K ohm, 1 Watt, Style Y releasing circuit (P/N 976250)
910683	RPS-424	Auxiliary power supply/battery charger

Please reference both the model and part numbers when ordering.

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