

FEATURES

- ⊙ Fully complies with UL -864 9th Edition and NFPA-72.
- ⊙ 4/8 Class B conventional initiating device circuit (IDC).
 - All zones accept smoke detectors and any normally open contact device.
 - Any Zone can be configured as Alarm or supervisory Zone.
- ⊙ 2 Class B Notification Appliance Circuits (NAC).
- ⊙ Operates on 220v 50Hz, AC Mains power supply
- ⊙ Standby (battery) backup 24v DC power supply with built in charger.
- ⊙ Rugged CRCA sheet with powder coated finish.
- ⊙ All field wiring circuits are supervised.
- ⊙ AC Low voltage cutoff.
- ⊙ Programmable NACs.
- ⊙ Programmable IDCs.
- ⊙ Programmable AC loss delay.
- ⊙ Alarm verification.
- ⊙ Programmable Trouble reminder.
- ⊙ Events history with RTC.
- ⊙ Error free Fire / Fault status in unambiguous colored LED indication.
- ⊙ Main, Standby status audible and visual indication.
- ⊙ Battery Low visual warning with audible tone.
- ⊙ Form-C relays for fire, fault and supervisory.
- ⊙ Zone Isolation with loop voltage cut off.
- ⊙ Ground fault annunciation facility at 0 ohms.
- ⊙ All field wiring circuits are Power limited except 220v A.C. and Battery.

Primary Power

220VAC ± 10%, 50 Hz, 2.5Amps.

Standby Power

24v D.C (2 Nos of 12v, 12Ah Sealed Lead acid battery).

Operating Condition

Operating Temperature 15 - 35° C/60-95° F.
Relative Humidity 93 ± 2% RH (non-condensing) at 32 ± 2° C/90 ± 3° F.

Charging Circuit

Charging Voltage 28.4V, ±0.2V
Charging Current 750mA (Max.).

Initiating Device Circuits

All zones are Class B Style B/C operation (Programmable).
Normal Operating Voltage: 14 - 21 VDC.
Alarm Current: 15 - 30mA.
Short Circuit Current: 40mA Maximum.
Loop resistance: 100 ohms Maximum.
End-Of-Line Resistor: 3K9, 1/2watt
Standby Current: 7mA (2mA for Detectors)

Notification Appliance Circuits

Class B Style - Y wiring
Operating Nominal Voltage: 24VDC Special Application
Current for all NACs: 1.2Amps (0.6A per circuit)
Line Drop: 1.8V
End-Of-Line Resistor: 3K9, 1/2watt

Resettable D.C. Power

Operating Voltage: Supervised 24VDC regulated, 300mA Max. (for 4 wire smoke detector)

Common Three Form C Relays

Relay Contact Rating: 2Amps @ 30 VDC, 2Amps @ 30VAC.
Power Factor: 0.6

Ordering Information

RE 2504 W/R - 4 IDC
RE 2508 W/R - 8 IDC
W- White Colour; R - Red Colour.



SIGNALING



LISTED



Technical Specification