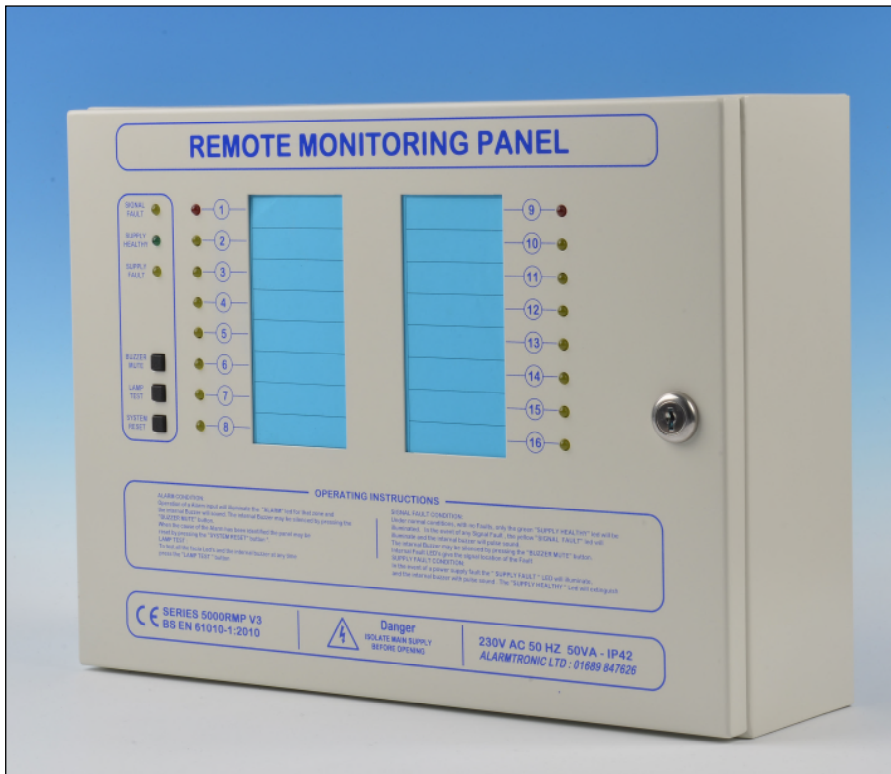


SERIES 5000RMP V3 - REMOTE MONITORING PANEL



FEATURES

- * Low standby power consumption
- * 2 Alarm auxiliary Relays
- * Fault auxiliary contact (failsafe)
- * Individual Selectable monitored or unmonitored Alarm inputs
- * Channel inputs either N/C or N/O
- * Internal Alarm/Fault Buzzer
- * Removable Identification labels
- * Individual Relay output card Option
- * Internal power supply with standby SLA battery
- * Channel LED colour change facility
- * Complies with BS EN 61010-1:2010
- * Complies with BS EN 61000-6-1 Pt 6-1 EMC Immunity
- * Complies with BS EN 61000-6-3 EMC Emission
- * Suitable for use on systems to BS EN 12845/LPC regulations

GENERAL DESCRIPTION

The Series 5000RMP V3 is designed for remote monitoring of the status for Fire Pump systems as required by BS EN 12845 : 2004 + A2:2009. Available in a standard range of 8 to 32 Channel inputs each with an internal power supply with a Sealed Lead Acid Battery for standby. The panel can be used for any type of system requiring monitoring of any clean contact signals.

The panel is housed in an attractive metal enclosure with all user controls and indications located on the front fascia together with clear operating instructions . The indicators are identified by removable a channel allocation labels. A word format template is available for customers to legend the label as required . Blank labels are provided . A bezel can be fitted to the back Box to enable the control panel to be flush mounted . Special Colours or non standard finishes are available to special order .

The Series 5000RMP panel provides continuous monitoring of the Status of any Clean contact for both Open & short circuit by using a line monitoring resistor and a Firing resistor. Alternately the panel can via internal individual Selector switches to be set for unmonitored inputs (IE - no external resistors required) .

The clean contact can be either normally Open or normally Closed as selected by an internal selector switch for each signal. When in an alarm state the appropriate channel LED will illuminate and a internal Sounder will sound. This can be muted by depressing the mute switch. The panel can be returned to its normal mode by depressing the reset switch. A Common signal " Line Fault" LED is also provided together with internal individual channel line fault LED's. The front fascia also has Supply Healthy and Fault LED's. Internal supply LED's will show either a Charger Healthy or a Battery fault. On any fault condition the Internal sounder will pulse.

A lamp test switch is provided to test all front LED's together with the internal sounder.

2 Alarm Auxiliary relays (each with 1set CHO contact) are provided and each signal can be selected to operate either Relay or no relay as required . A System Fault auxiliary (1 set CHO - fail safe) is also provided .

A optionally channel relay card can be provided to give individual N/O or N/C via internal jumpers.

The channel Alarm LED colour can be changed (Plug-in sockets used for all Channel Indication LED's) if required.

AVAILABLE OPTIONS

- * Channel Alarm LED colour change
- * Flush Mounting Bezel
- * Special colours & finishes
- * Individual Signal Relay Card
- * Company name & Logo

TECHNICAL SPECIFICATION

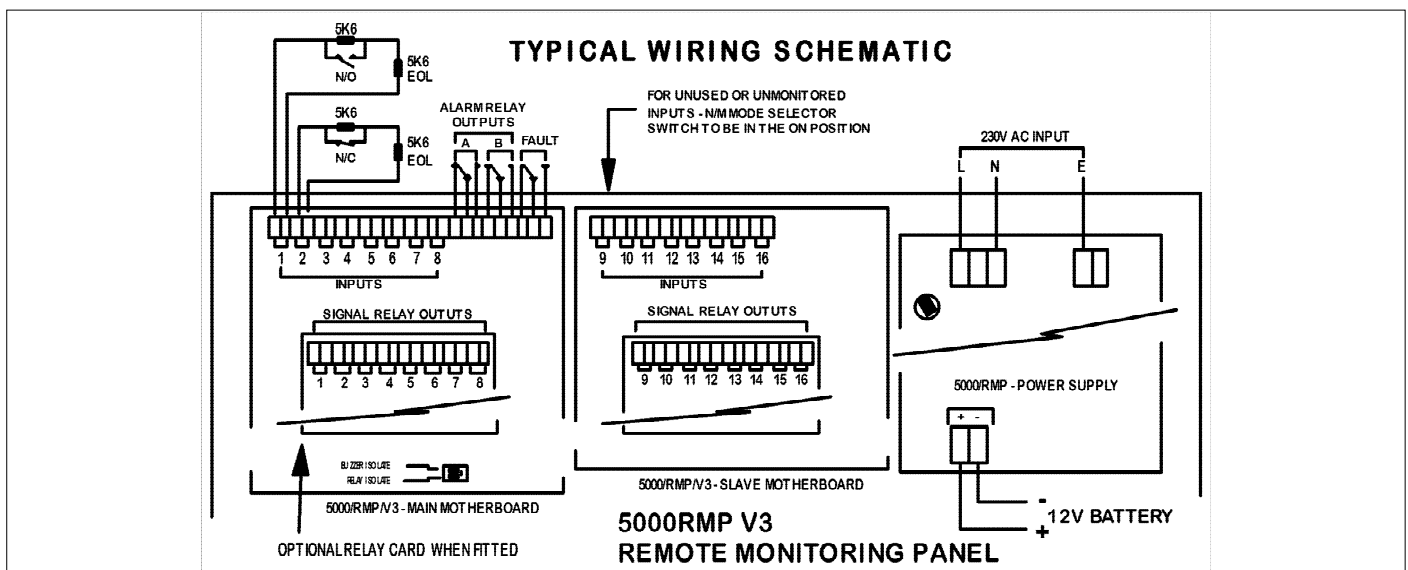
Mains Input	—	230v AC 50/60 Hz (other voltages to order)
Mains Input Fuse	—	1 Amp 20 x 5 , Anti-surge Ceramic
Battery Output Fuse	—	1.1 Amp Thermal fuse , Auto Reset
Nominal panel voltage	—	12v DC
Supply rating / type	—	300mAmp Constant voltage with current Limit & thermal shutdown
Standby current	—	8 way : 30ma, 16 way : 40ma , 24 way : 50ma , 32 way: 60ma
Alarm current (one signal in Alarm)	—	8 way : 60ma, 16 way : 70ma , 24 way : 80ma , 32 way : 90ma
Monitoring End of Line	—	5K6 1/4 watt
Alarm Trip Resistor	—	5K6 1/4 watt
Input monitoring	—	Fully monitored for O/C & S/C with internal individual fault LED's Or unmonitored via internal individual selector switches
Input Type	—	Either N/O or N/C selected via internal individual selector switches
Common Alarm auxiliary	—	2 relays each with 1 set CHO rated at 1 Amp 50v DC (Each alarm can be selected to operate either / both relays)
Common Fault auxiliary	—	1 set CHO rated at 1 Amp 50v DC (failsafe)
Relay Channel Repeat Option	—	1 set or either N/O or N/C rated at 1 Amp 50v DC
Internal Fault LED's	—	Individual Line fault together with Charger & Battery Fault
Internal Isolate Switches	—	2 way internal slide switch for Auxiliary or Buzzer Isolate
Construction	—	18 gauge sheet steel , Epoxy powder coated semi-gloss Grey White with hinged lockable door and Blue screen printed lettering
Cable entry	—	Top entry with 20 mm diameter knockouts
Standby battery	—	12v sealed lead acid Battery (for 48 hours standby)

ENCLOSURE SIZE AND WEIGHTS

NUMBER OF SIGNALS	WIDTH	HEIGHT	DEPTH	ENCLOSURE REF	WEIGHT
8 Ways	405 mm	300 mm	125 mm	00	7.0 Kg
16 Ways	405 mm	300 mm	125 mm	00	8.0 Kg
24 Ways	500 mm	400 mm	150 mm	01	12.0 Kg
32 Ways	500 mm	400 mm	150 mm	01	13.0 Kg

BASIC ORDER CODE DETAILS

No. of Ways / 5000/Type / Relay Option (i.e. 8/5000/RMP/RO - 8 ways with Relay Output option)



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