

Power Systems & Controls

SERIES RMC - REMOTE MONITOR & CONTROL

The PS&C Series RMC was designed to monitor and control Diesel Engines and Automatic Transfer Switches from a remote location.

The standard design has Analog AC Volts and Analog Current meters with multi-phase selector switches for immediate notification. There are 2 keyed controls for the Engine and Transfer Switch which are as follows; Stop and Run control of the Engine with illuminated running light and a fault light with audible alarm. Normal and Emergency mode with associated normal or emergency

mode illumination. The enclosure is a NEMA3R wall mount with a polished aluminum mimic panel.

The RMC can work with all model Engines and sizes. Power Systems & Controls Engineering Department only requires the Engine control schematic in order to label the customer connections properly, prior to installation. The Series RMC is in use in over 45 countries and when required can be built with complete fiber optic controls.

The optional Fiber Optic Series RMC is built on a PLC and Touch Screen platform that is available in B/W or Color screens. The advantage, other than the 100% isolation from the equipment in the power room is the enhanced amount of I/O which can be transmitted via the fiber network.



Standard Equipment Features

- AC Volt Meter with 3 phase selector
- Current Meter with 3 phase selector
- NEMA Enclosure suitable for wall mounting
- Start / Stop Control for Diesel
- Normal / Emergency Control for ATS
- Transfer Control for ATS
- Design life 20+ years
- Large, long life LED lamps
- Audible Alarm
- Alarm Acknowledgement
- Keyed Control Switches
- CT's Included
- Fused Terminal Blocks Included

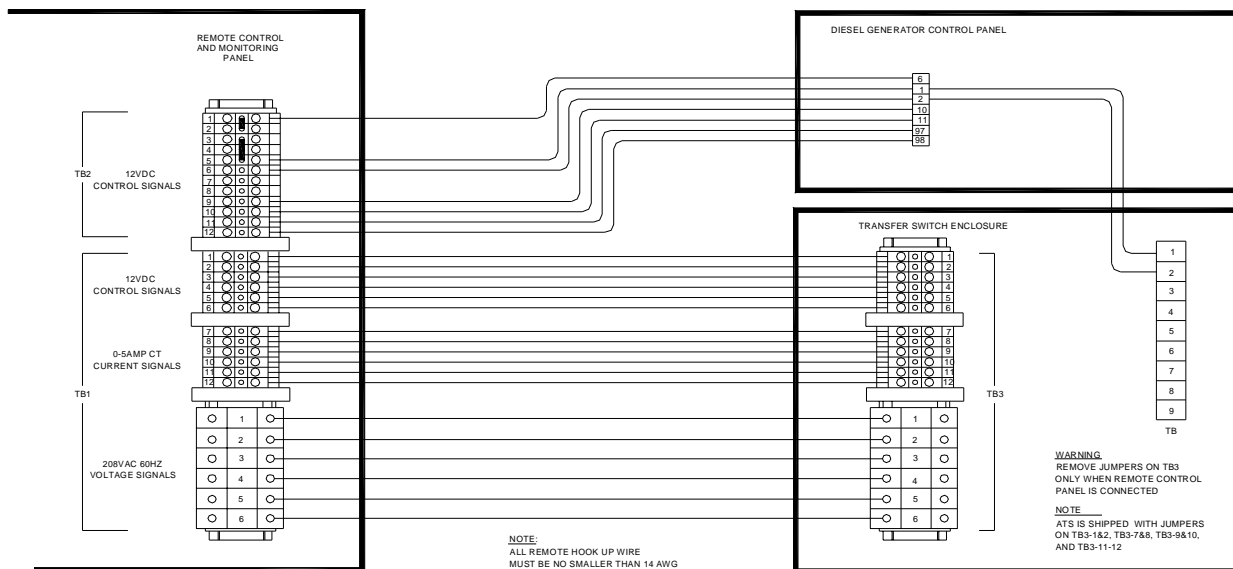
Optional Features

- PLC Controller
- Touch Screen User interface
- Color Screen
- Fiber Optic interface
- Control & Monitoring of additional systems
- Digital Meters



System Specifications

| OUTPUT | | |
|-------------------------------|-----------------------------|-----|
| Nominal Voltage and Frequency | | |
| ➤ Voltage | All Std Voltages up to 600V | |
| ➤ Frequency | All Std Voltages up to 600V | |
| Terminal Blocks | | |
| ➤ Wire up 12 AWG | | |
| Dimensions | | |
| ➤ Standard Unit | | |
| L | D | H |
| 16" | 8" | 16" |
| Weight | | |
| ➤ 28 lbs | | |
| ENVIRONMENT | | |
| ➤ Temperature | 0° -104° F (0° -40° C) | |
| ➤ Altitude | 0-9000 Feet | |
| ➤ Humidity | 30-90% Non-Condensing | |



Typical Wiring Diagram

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