32-Point Relay Output Modules

This figure is a simplified schematic for Models 3636R and 3636T, which are non-triplicated Relay Output Modules.

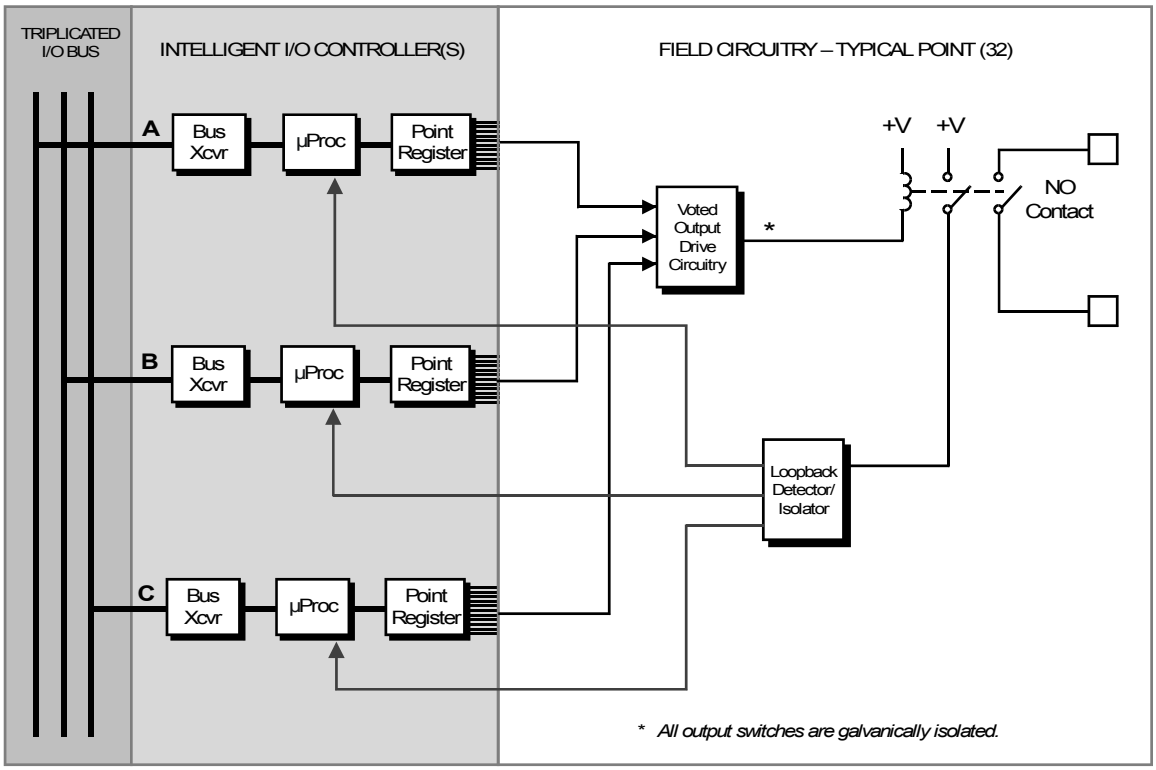

Figure 55 3636R and 3636T Simplified Schematic

This figure shows the front panels of Models 3636R and 3636T.

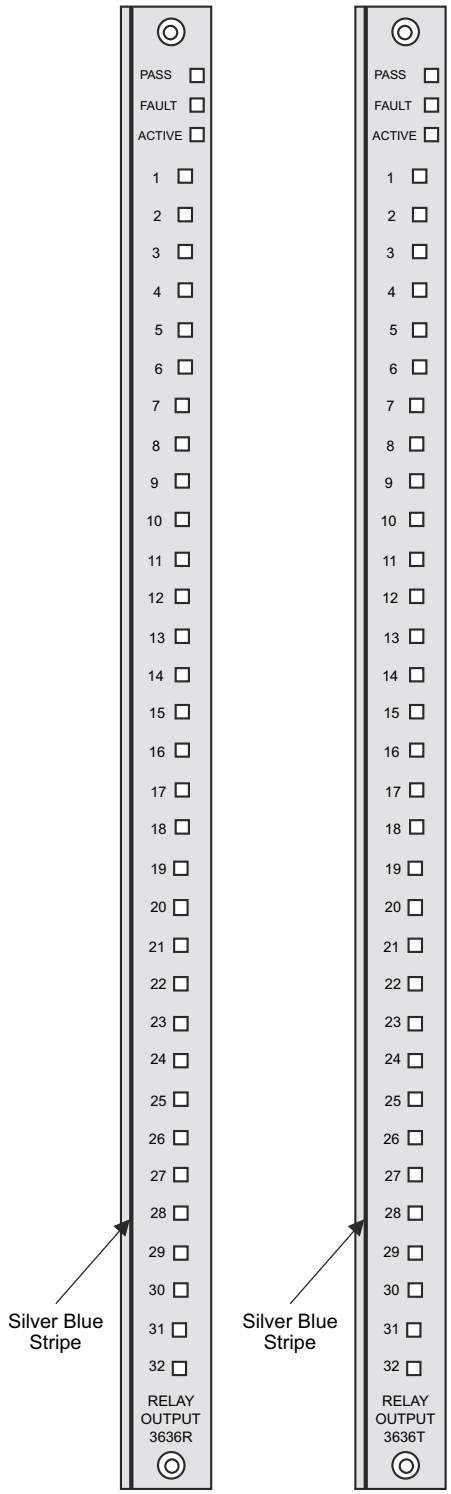

Figure 56 3636R and 3636T Front Panels

Note The Model 3636R and 3636T modules will not assert point LEDs for both primary and spare modules. Only the primary module will assert point LEDs.

3636R and 3636T Specifications

This table lists the specifications for Models 3636R and 3636T, which are Non-Triplicated Relay Output Modules. Point isolation varies by model, as specified in this table.

Table 50 3636R and 3636T Specifications

Feature	Specification
Output contact	NO, normally open
Color code	Silver blue
Number of output points	32, non-commoned
Voltage range	125 VAC/VDC, maximum
Current load	2 amps maximum
Minimum permissible load	10 mA, 5 VDC
Switching power, resistive *See Switching Power on page 157*	2,000 VAC, 150 watts maximum
Maximum output cycle rate	< 30 cycles per second
Expected life at maximum rated load	> 10,000 cycles
Fuses	1 per output, 2.5 amps fast-acting
Status indicator: On or Off state	1 per point
Status indicator: Module status	Pass, Fault, Active
Point isolation: 3636R	1,500 VDC minimum
Point isolation: 3636T	1,900 VDC minimum
Logic power: All points Off	< 10 watts
Logic power: All points On	< 30 watts

Switching Power

When switching reactive loads, you should de-rate the switching power of the outputs to 25 percent of maximum, which is 37.5 watts for DC applications. When switching incandescent lamps, the inrush current can be 10 to 15 times the rated nominal load current of the lamp. For detailed specifications regarding inrush amplitude and duration, contact the lamp manufacturer. The inrush current must be used when calculating the required output switching power.