

ISIMET

LA Series –UL

Single or Dual Switch Controllers

Utility Controller - Limited Application Supplemental Installation Instructions

Versions 4
Patent 6,757,589 B1



ENCLOSED INDUSTRIAL CONTROL PANEL NO. E-258342
Meets all Standard for Canadian Industrial Control Panels

Special Mounting Requirements:

The mounting requirements for the wall box included with the UL style of the LA Controller is identical to those for the standard unit except that added wall space of 1.25” on all sides of the box should be left void in order to accommodate the oversized hinged panel included with the unit. Panel will extend 0.65” from the face of the finished wall.

Control Panel - Stainless Steel 16 gauge

Wall Box – 16 gauge plated sheet metal

The Wall Panel is Stainless Steel hinged to the trim flange that in turn mounts to the Wall Box with four (4) # 8 flat head screws.

Wiring Specifics:

Units are provided with an output terminal with Reset fused switches for each output circuit.

Reset switches are rated to meet specific application requirements when ISIMET solenoids or operators are provided. When solenoids are field provided then reset switches are rated @ output circuit rating of 1.5 amps. 24-vac systems must utilize ISIMET solenoids and/or operators.

120-vac line voltage output systems are configured as “dry-contacts”. The installer must provide line and load leads to and from the unit as well as any neutral and/or ground wiring according to governing codes.

Field wiring shall not bypass these resets. Minimum 18 AWG.

Refer to wiring schematics for additional wiring instructions.

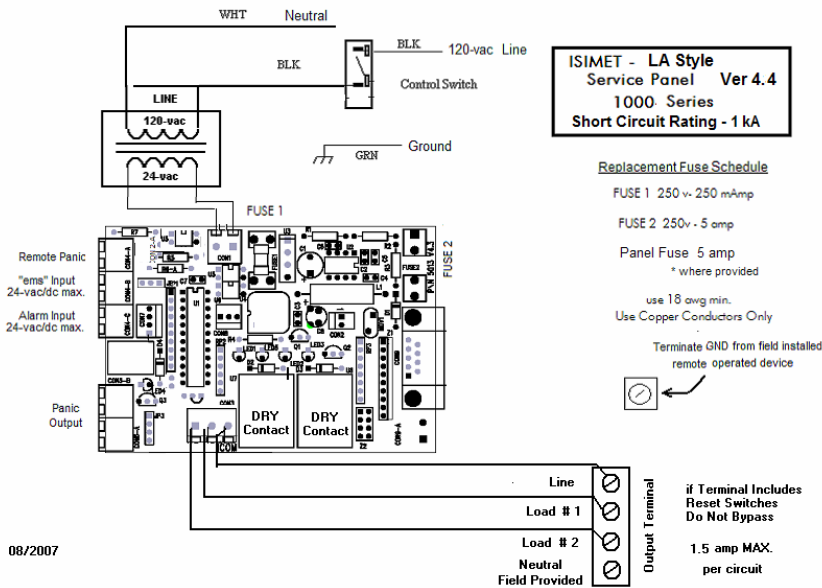
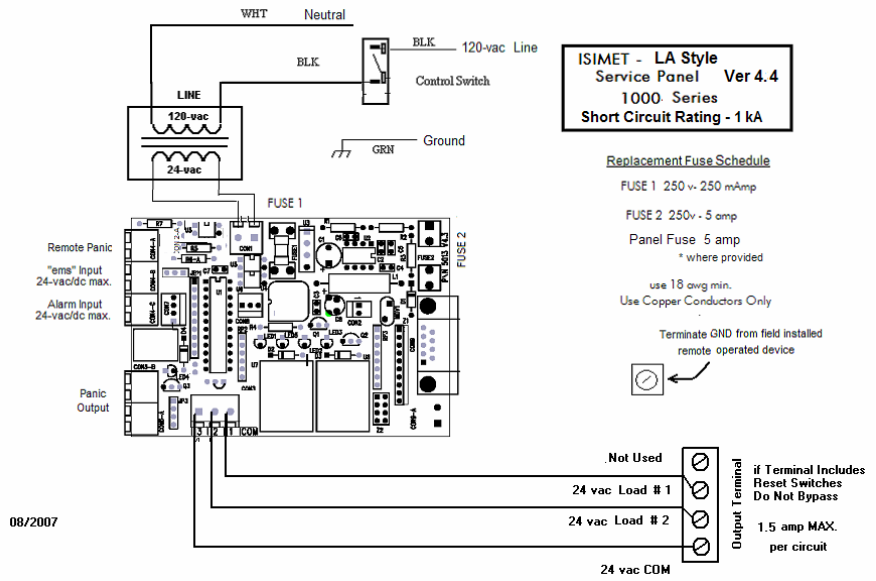
NOTE: Perform all installation and start-up procedures per standard LA Series Controller instructions.

Specifications:

Styles	# Output Circuits	Fuse	Output Rating	Transformer	Relay Rating
LA – 1	1 @ 120 vac	5 amp	3 amp @ 120 vac Max.	1 amp @ 25 VCT	1 @ 1.5 amp @ 120 vac
LA – 1	1 @ 24 vac	5 amp	3 amp @ 24 vac	2 amp @ 25 VCT	1 @ 1.5 amp @ 24 vac
LA – 1	2 @ 120 vac	5 amp	3 amp @ 120 vac Max.	1 amp @ 25 VCT	2 @ 1.5 amp @ 120 vac
LA – 1	2 @ 24 vac	5 amp	3 amp @ 24 vac	3 amp @ 25 VCT	2 @ 1.5 amp @ 24 vac

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24-vac Output Circuits



“dry-contact”
configuration for
120-vac Output Circuits

Wall Panel Mounting Detail

Hold panel in front of wall box and attach using four # 8 flat head screws.

Insert panel plug into pcb.

Turn power ON and test unit.

Secure panel in place with two ¼ turn captive screws.

