

Parallel Relay Cards (Litekeeper Relay Panels)

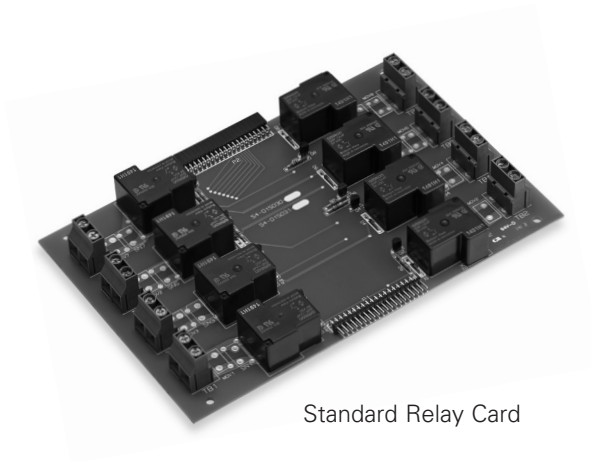
Catalog#	Prepared by
Project	Date
Comments	Type

Overview

The Parallel Relay Card is a standard feature in the LiteKeeper lighting control systems. Each Parallel Relay Card contains 8, 20 Amp relays. Specify up to 4 total relay cards per enclosure.


Features

- UL and cUL listed system
- Modular design
- 8 single pole or 4 two pole parallel relays per card
- LRC controls receptacle loads
- LED ready



Standard Relay Card

Specifications

Standard Relay Card (SRC) Ratings	20A, 120/277 VAC per relay
	10A, 120/277VAC electronic ballast, (LED)
	Normally open
	Max wire size: 10 AWG
Latching Relay Card (LRC) Ratings	20A, 120/277 electronic ballast (LED)
	15A, 347 VAC
	Maximum wire size: 6 AWG
	Mechanical operations: 10 million
Modular Relay Card (MRC) Ratings	20A, 120/277 VAC normally open
	20A, 208/240/480 VAC normally open
	Maximum wire size: 10 AWG (SRM) or 6 AWG (LRM, TPRM)
	Provides a system SCCR rating of 10,000A
Two Pole Relay Card (TPRC) Ratings	20A, 120/277/347/208/240/480 VAC
	Maximum wire size: 12 AWG
	Mechanical operations: 60,000
Standards	UL Approval
	UL 916 Listed 

Description/Operation

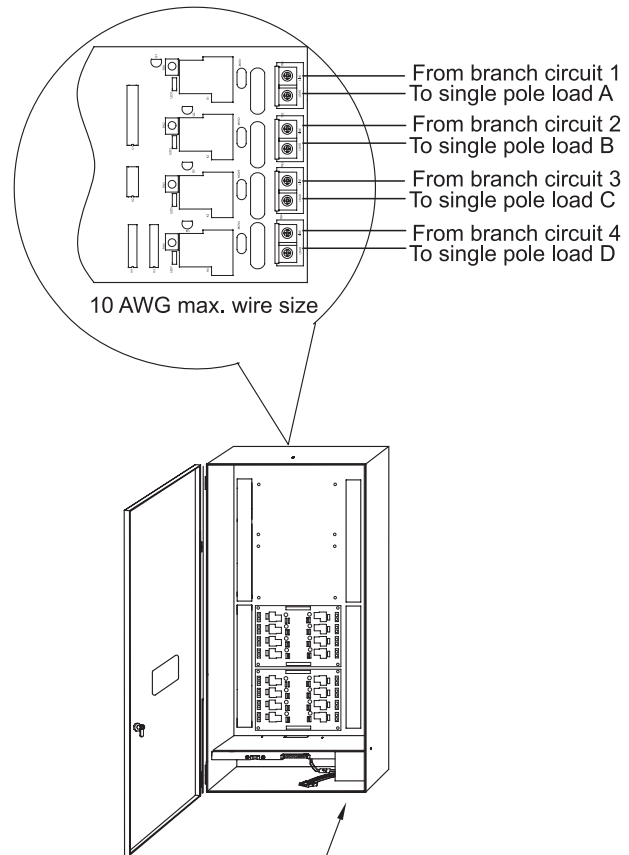
Electronic arc suppression is incorporated into the relay design, prolonging contact life. Self aligning connectors on the Parallel Relay Card allow easy field expansion. You can add another standard or any of the optional relay cards to a system at any time (enclosure size allowing).

Installation

No additional installation required. The Parallel Relay Card(s) (xRCs) attach directly to your specified enclosure.

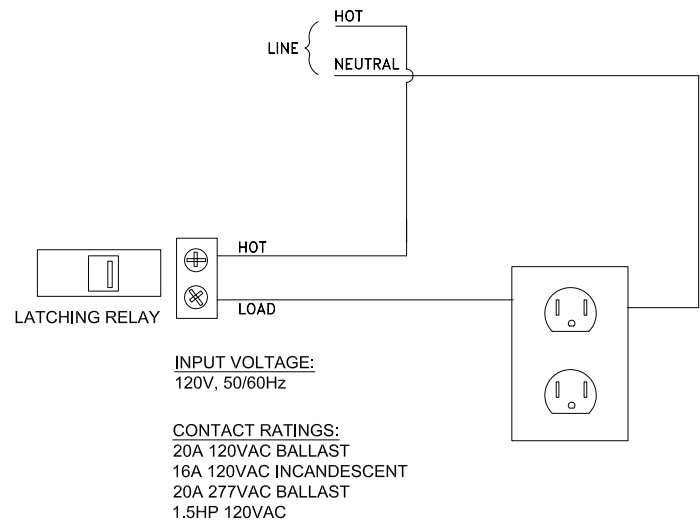
Wiring Diagram

Standard Relay Card (SRC) wiring:



Lighting control panel power supply:
120/277 VAC double tap transformer standard
120/347 VAC double tap transformer is available for Canada

Latching Relay Receptacle Control



Ordering

This is a standard feature in the LiteKeeper lighting control systems. When specifying one of these systems, specify enclosure size and types of relay cards. Mix and match any combination of standard and optional relay cards to create a custom system tailored to meet your needs.

Catalog #	Relay Type
SRC	Standard Relay Card with 8, 20A 120/277VAC max per relay, 10A electronic or LED load single pole normally open relays
LRC	Latching Relay Card with 8, 20A 120/277/347 VAC latching relays 20A electronic ballast (LED)

MRC Relay Card Options for LK8, LK16, LK32

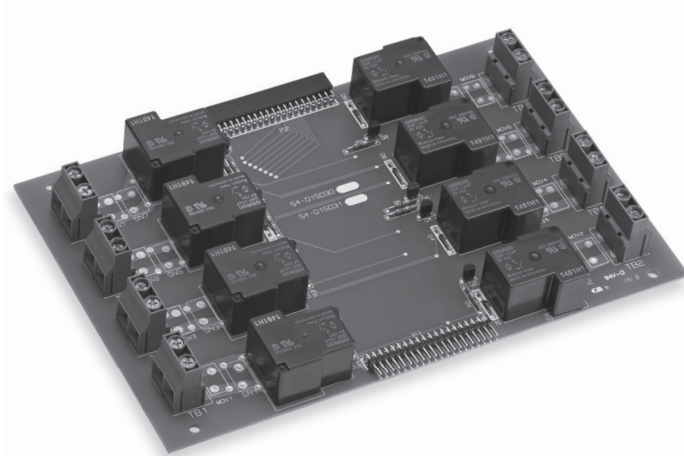
MRC	Modular Relay Card (Included in LK8 w/MRC)
SRM NO	Standard Relay Module Card 20A 120/277VAC max per relay, 10A electronic or LED load, single pole normally open relay (1 relay space)
TPRM NO	Two Pole Module 20 Amp 208/240/480 VAC two pole normally open relay (2 relay spaces)

TPRC Relay Card Options for LK8, LK16, LK32

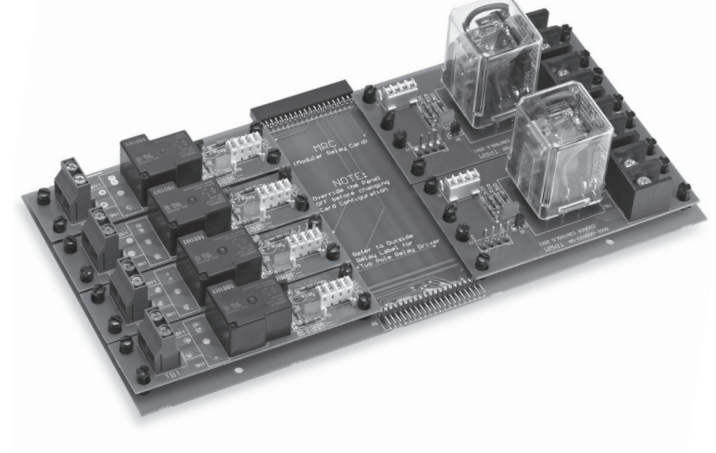
TPRC	Two Pole Relay Card (Included with LK8 w/TPRC)
SPR347	Single Pole Relay Card 20 Amp 120/277/347 VAC single pole relay (1 relay space)
TPR208	Two Pole Relay Card 20 Amp 208/240 VAC two pole relay (1 relay space)
TPR480	Two Pole Relay Card 20 Amp 480 VAC two pole relay (2 relay spaces)

Standard Relay Card

*10A LED loads



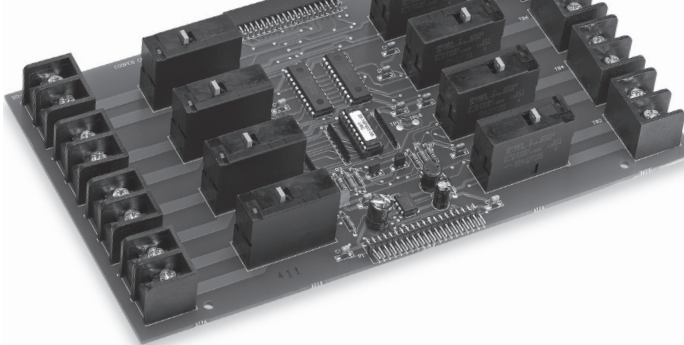
Modular Relay Card



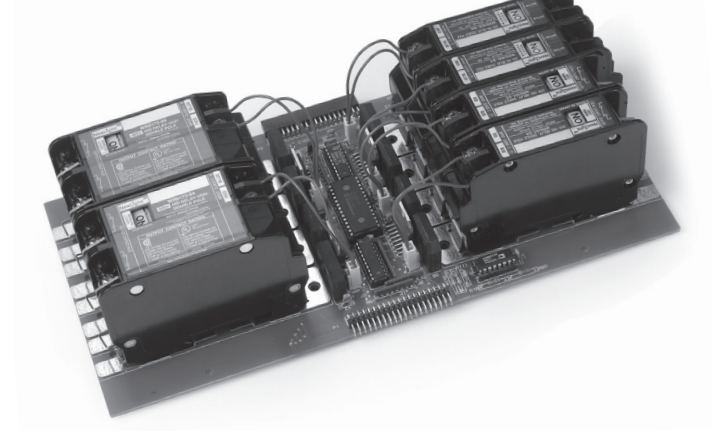
Latching Relay Card

*Controls Receptacle Loads

*20A LED loads



Two Pole Relay Card



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