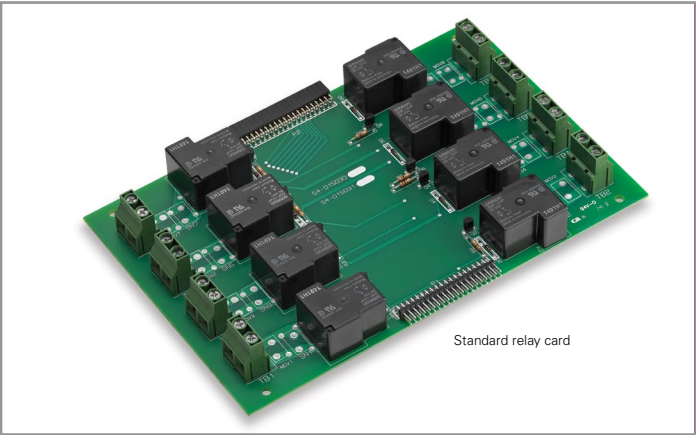



Project		Catalog #		Type	
Prepared by		Notes		Date	



Greengate

Parallel Relay Cards (Litekeeper Relay Panels)

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.

- 
Interactive Menu
 - Order Information page 2
 - Additional Resources page 3
 - Wiring Diagrams page 3
 - Product Warranty

Top Product 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

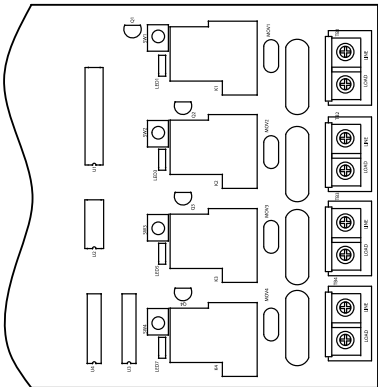
Product Certification



Product Features



Dimensional and Mounting Details



Standard Relay Card (SRC)

 additional product diagrams

Order Information

Catalog Number

Domestic Preferences ⁽¹⁾	Catalog Number	Relay Type
[Blank] =Standard BAA = Buy American Act	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)
Notes (1) Only product configurations with this designated prefix are built to be compliant with the Buy American Act of 1933 (BAA). Please refer to DOMESTIC PREFERENCES website for more information. Components shipped separately may be separately analyzed under domestic preference requirements.		

MRC Relay Card Options for LK8, LK16, LK32

Catalog Number

Domestic Preferences ⁽¹⁾	Catalog Number	Relay Type
[Blank] =Standard BAA = Buy American Act	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)
Notes (1) Only product configurations with this designated prefix are built to be compliant with the Buy American Act of 1933 (BAA). Please refer to DOMESTIC PREFERENCES website for more information. Components shipped separately may be separately analyzed under domestic preference requirements.		

TPRC Relay Card Options for LK8, LK16, LK32

Catalog Number

Domestic Preferences ⁽¹⁾	Catalog Number	Relay Type
[Blank] =Standard BAA = Buy American Act	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)
Notes (1) Only product configurations with this designated prefix are built to be compliant with the Buy American Act of 1933 (BAA). Please refer to DOMESTIC PREFERENCES website for more information. Components shipped separately may be separately analyzed under domestic preference requirements.		

Product Specifications

Key Features

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).

Electrical

Standard Relay Card (SRC) Ratings

- 20A, 120/277 VAC per relay
- 10A, 120/277VAC electronic ballast, (LED)
- Normally open
- Max wire size: 10 AWG
- Mechanical operations: 10 million

Latching Relay Card (LRC) Ratings

- 20A, 120/277 electronic ballast (LED)
- 15A, 347 VAC
- Maximum wire size: 6 AWG
- Mechanical operations: 10 million
- Provides a system SCCR rating of 10,000A

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)

Two Pole Relay Card (TPRC) Ratings

- 20A, 120/277/347/208/240/480 VAC
- Maximum wire size: 12 AWG
- Mechanical operations: 60,000

Standards/Ratings

- UL Approval
- UL 916 Listed

Warranty

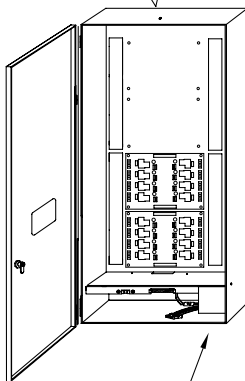
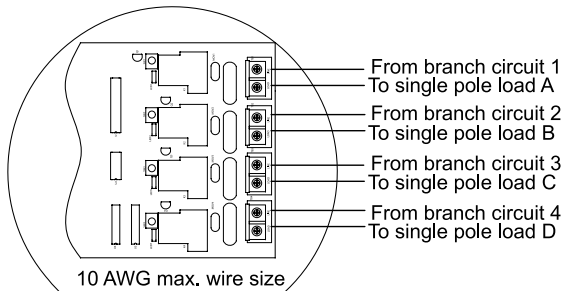
Consult website for warranty information

Installation

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

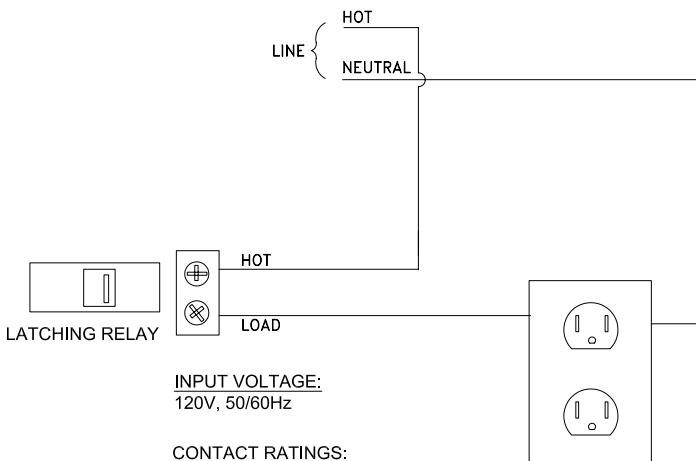
Wiring Diagrams

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 Controls

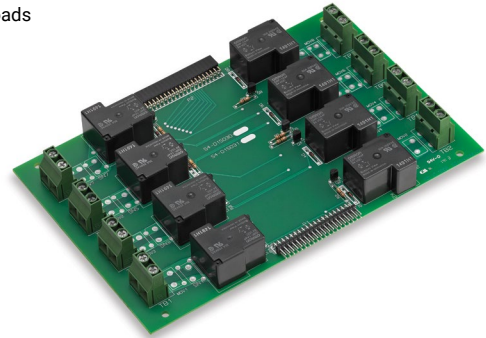


INPUT VOLTAGE:
120V, 50/60Hz

CONTACT RATINGS:
20A 120VAC BALLAST
16A 120VAC INCANDESCENT
20A 277VAC BALLAST
1.5HP 120VAC

Standard Relay Card

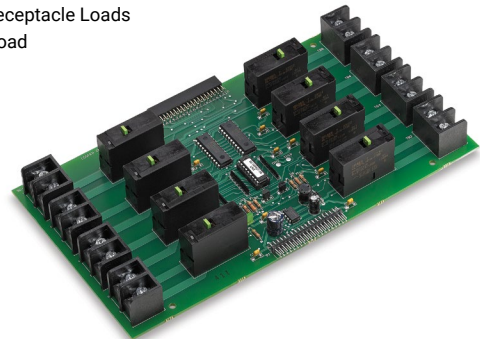
*10A LED loads



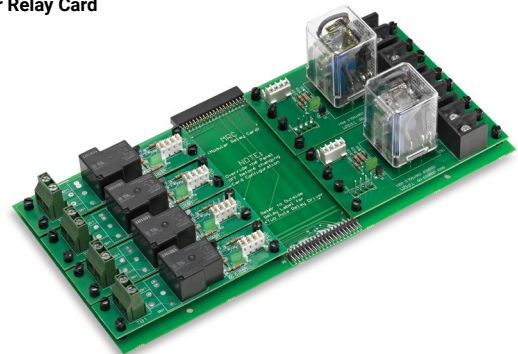
Latching Relay Card

Controls Receptacle Loads

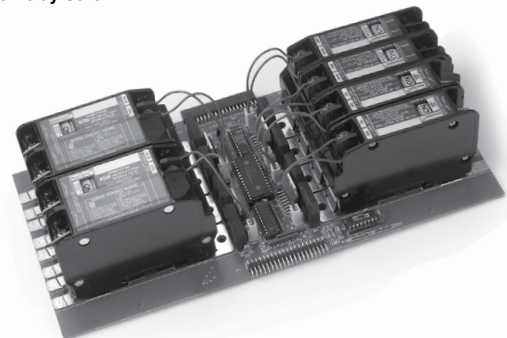
*20A LED load



Modular Relay Card



Two-Pole Relay Card



 **Control Systems**
• Greengate