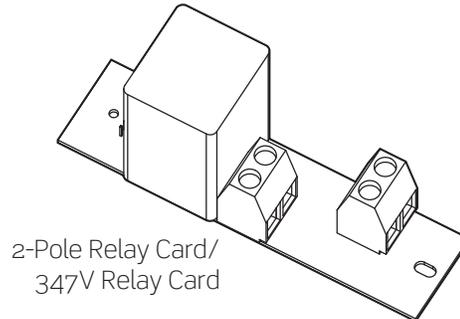
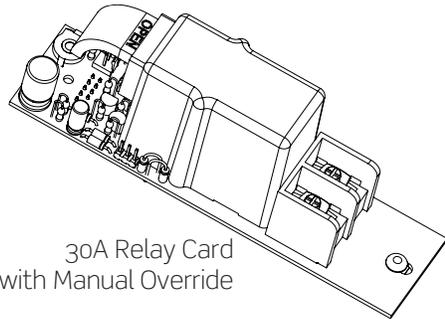


Z-MAX™ Plus Relay Cards



DESCRIPTION

Leviton's Z-MAX Plus Relay Cards are the "heart" of the Z-MAX Plus system providing the actual control of the load as directed by the control electronics. Z-MAX Plus products use individual relay cards for each circuit allowing for the most flexibility in matching the relay type to your specific requirements. The benefit of a single relay card for a single circuit allows an infinite arrangement of relay type to position in your system and supports individual replacement should the need ever occur. For maximum equipment protection, the standard 30A relay card with handle has a short circuit current rating (SCCR) of 20,000A to allow it to withstand higher current inrushes caused by short circuit conditions.

RELAY TYPE	WIRE SIZE	WIRE TYPE	TORQUE	MAX VOLTAGE	TUNGSTEN RATING (120V)	BALLAST RATING	MOTOR RATING (120V/277V)	INDUCTIVE BALLAST TRANSFORMER, HID RATING
1-Pole N/O or N/C Relay Card w/Manual Override (20,000 SCCR) (RELAY-L30)	#14-#8 AWG	Solid or Stranded	16 in-lbs	277V	20A	30A	1/2 HP/1 HP	30A
				347V		20A		20A
1-Pole N/O or N/C Relay Card (18,000 SCCR) (RELAY-030)	#14-#8 AWG	Solid or Stranded	16 in-lbs	277V	20A	30A	1/2 HP/2 HP	30A
2-Pole N/O Relay Card (RELAY-2PL)	#14-#6 AWG	Solid or Stranded	20.5 in-lbs	277V Per Pole (480V)	-	20A	2 HP @ 240V & 480V	20A
1-Pole N/C Relay Card (RELAY-1NC)	#14-#8 AWG	Solid or Stranded	7 in-lbs	277V	20A	20A	1 HP/2 HP	20A
2-Pole N/C Relay Card (RELAY-2NC)	#14-#6 AWG	Solid or Stranded	20.5 in-lbs	277V Per Pole (480V)	-	20A	2 HP @ 240V & 480V	20A
347V N/O Relay Card (RELAY-347)	#14-#6 AWG	Solid or Stranded	20.5 in-lbs	347V	-	20A	-	20A

Z-MAX Plus Relay Cards

PRODUCT DATA

FEATURES

- Reporting relay cards* report the following:
 - Control status
 - Amount of current flow
 - Current deviates from recorded level
 - Failed relay
- Relay cards individually replaceable
- Mechanical attachment to panel of each relay card is with a single screw
- Listed for use with ballasted loads
- From the panel, each relay card can be controlled as follows:
 - Override On
 - Override Off
 - Locked Override On
 - Locked Override Off
 - Timed On
 - Timed Override Off
- 10 year warranty on relay cards

Environmental

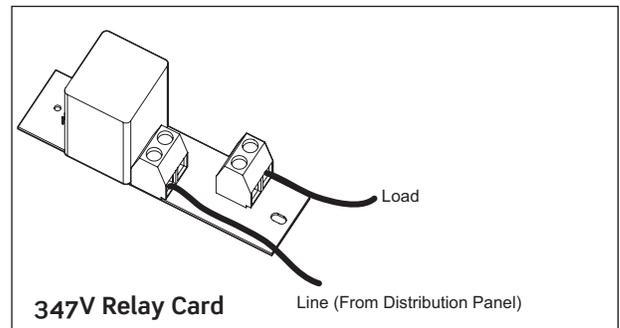
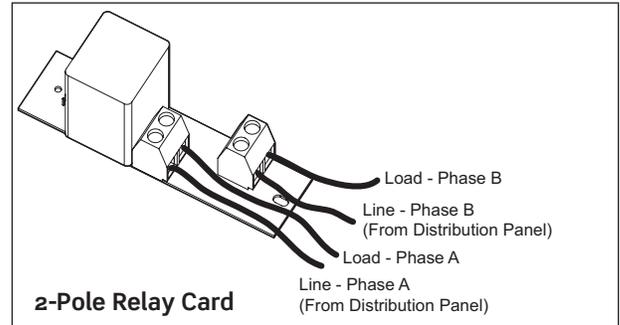
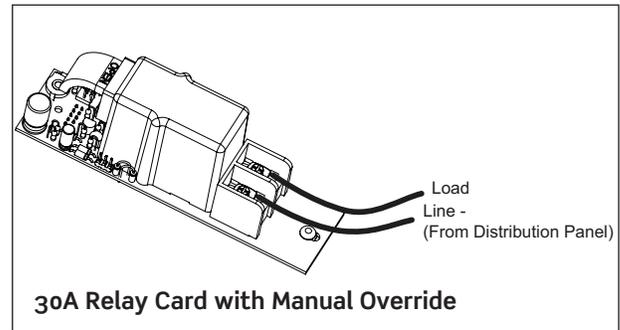
- Operating Temperature Range: 32-104°F (0-40°C)
- Relative Humidity: less than 90% non-condensing

ORDERING INFORMATION

CAT. NO.	DESCRIPTION
RELAY-L30	1-Pole N/O or N/C Relay Card with Manual Override, 30A, 120-277V, 347V, 20A Ballast
RELAY-030	1-Pole N/O or N/C Relay Card, 30A, 120-277V
RELAY-2PL	2-Pole, N/O Relay Card, 20A, 208-480V
RELAY-1NC	1-Pole N/C Relay Card, 20A, 120-277V
RELAY-2NC	2-Pole N/C Relay Card, 20A, 208-480V
RELAY-347	347V N/O Relay Card, 20A, 347V

* Consult factory for availability.

TYPICAL WIRING DIAGRAMS



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