

# FLASHER RELAYS



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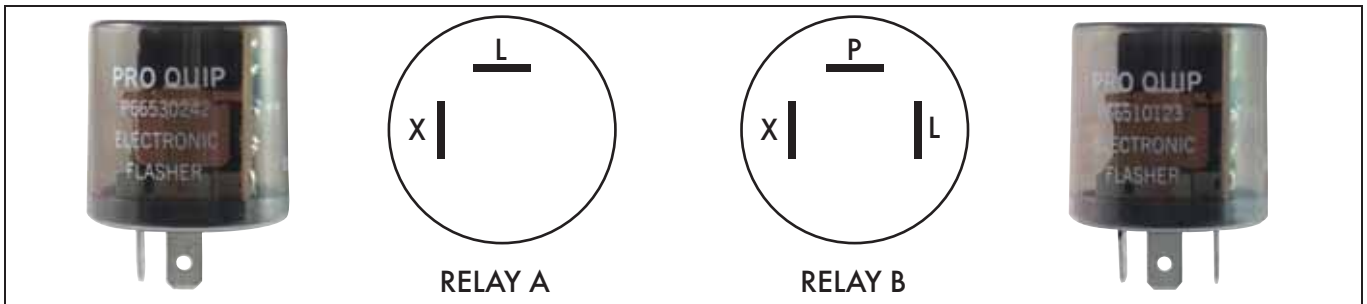
## FEATURES

- **Pro Quip** provide an entire range of Universal Electro-mechanical and Electronic Flasher Relays, which meet or exceed all ADR's, FMVSS and SAE requirements.
- **Pro Quip LED Flasher Relays**, designed to operate indicator lamps which use LED Lighting technology. The electronic circuits of the LED Flasher Relays are designed to operate with the lower wattages of LED Lampware.



# ELECTRONIC FLASHER RELAYS

Common Pin Designation for Relays and Flashers



Pin No.	Description	Pin No.	Description
C, P	Indicator Pilot lamp Vehicle	30b	Return to battery negative via hazard switch or relay
C2	Indicator Pilot lamp Trailer	31, E	Battery negative terminal, or ground, direct
C0	Main terminal connection for separate indicator circuits actuated by the turn signal switch	49, X, B	Turn signal flasher input
C3	Indicator Pilot lamp 2 <sup>nd</sup> Trailer (e.g. when towing two trailers)	49a, L	Turn signal flasher output
L	Turn-signal lamps, left	54	For lamp combinations and trailer plug connections
R	Turn-signal lamps, right	85	Output, actuator (end of winding to ground or negative)
15	Switched (+) downstream of battery (output of ignition/driving switch)	86	Input, actuator (start of winding)
15a	Output at ballast resistor to ignition coil and starter	87	Output
30	Input from battery (+) terminal, direct 12/24V series-parallel battery switch	87a	Output 1 (NC side)
30a	Input from (+) terminal of battery II		



## UNIVERSAL 2 PIN APPLICATION

STOCK CODE	DESCRIPTION	TYPE	LOAD SENSITIVE	RATED VOLTAGE	MAX NO. OF LAMPS	LOAD RATING	NO. OF PINS	APN BARCODE
6650B	P122 (A)	ELECTRO-MECHANICAL	NO	12V	14	20 Amp	2	 9 313853 066507
6653B	P242 (A)	ELECTRO-MECHANICAL	NO	24V	14	20 Amp	2	 9 313853 066538

## UNIVERSAL 3 PIN APPLICATION

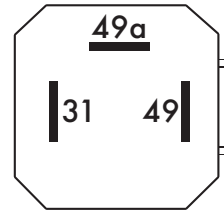
STOCK CODE	DESCRIPTION	TYPE	LOAD SENSITIVE	RATED VOLTAGE	MAX NO. OF LAMPS	LOAD RATING	NO. OF PINS	APN BARCODE
6651B	P123 (B)	ELECTRO-MECHANICAL	NO	12V	14	20 Amp	3	 9 313853 066514
6654B	P243 (B)	ELECTRO-MECHANICAL	NO	24V	14	20 Amp	3	 9 313853 066545

All Stock Codes are for minimum quantities of 10.


Can be Ordered in Bulk: Minimum Order 250.

# ELECTRONIC FLASHER RELAYS

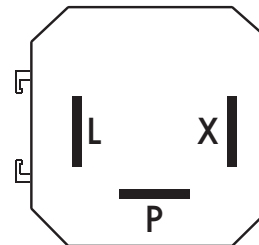
## UNIVERSAL 3 PIN APPLICATION





RELAY C

STOCK CODE	DESCRIPTION	TYPE	LOAD SENSITIVE	RATED VOLTAGE	MAX NO. OF LAMPS	LOAD RATING	NO. OF PINS	APN BARCODE
6662B	P1230 (C)	SUPER ELECTRONIC	YES	12V	6	4 x 21W + 2 x 5W	3	 9 313853 066620

## LED FLASHER RELAYS



RELAY G

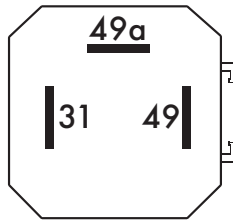
STOCK CODE	DESCRIPTION	TYPE	LOAD SENSITIVE	RATED VOLTAGE	LOAD RATING	NO. OF PINS	APN BARCODE
6682B	P1250 (G)	SUPER ELECTRONIC / IC CONTROLLED	NO	12V	Suitable for vehicles with LED signal lamps. Automatically detects low Amp draw of LED & operates at constant rate Max: 20A / Min: 1A	3	 9 313853 066828
6683B	P1251 (G)	SUPER ELECTRONIC / IC CONTROLLED	NO	24V	Suitable for vehicles with LED signal lamps. Automatically detects low Amp draw of LED & operates at constant rate Max: 10A / Min: 1A	3	 9 313853 066835

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# LED FLASHER RELAYS

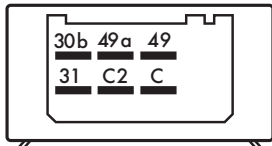
## LED FLASHER RELAYS



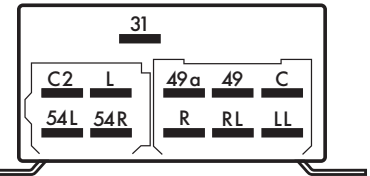
RELAY C



STOCK CODE	DESCRIPTION	TYPE	LOAD SENSITIVE	RATED VOLTAGE	MAX NO. OF LAMPS	LOAD RATING	NO. OF PINS	APN BARCODE
1602421	1602421 (C)	ELECTRONIC	NO	12V	-	Max 170W	3	N/A
1632421	1632421 (C)	ELECTRONIC	NO	24V	-	Max 170W	3	N/A



RELAY H



RELAY I

STOCK CODE	DESCRIPTION	TYPE	LOAD SENSITIVE	RATED VOLTAGE	MAX NO. OF LAMPS	LOAD RATING	NO. OF PINS	APN BARCODE
1628821	1628821 (H)	ELECTRONIC	NO	12/24V	Min. Req 3 Watt	Max 170W	6	N/A
1634852	1634852 (I)	ELECTRONIC	NO	12/24V	-	Max 170W	11	N/A

All Stock Codes are for minimum quantities of 10.

Can be Ordered in Bulk: Minimum Order 250.