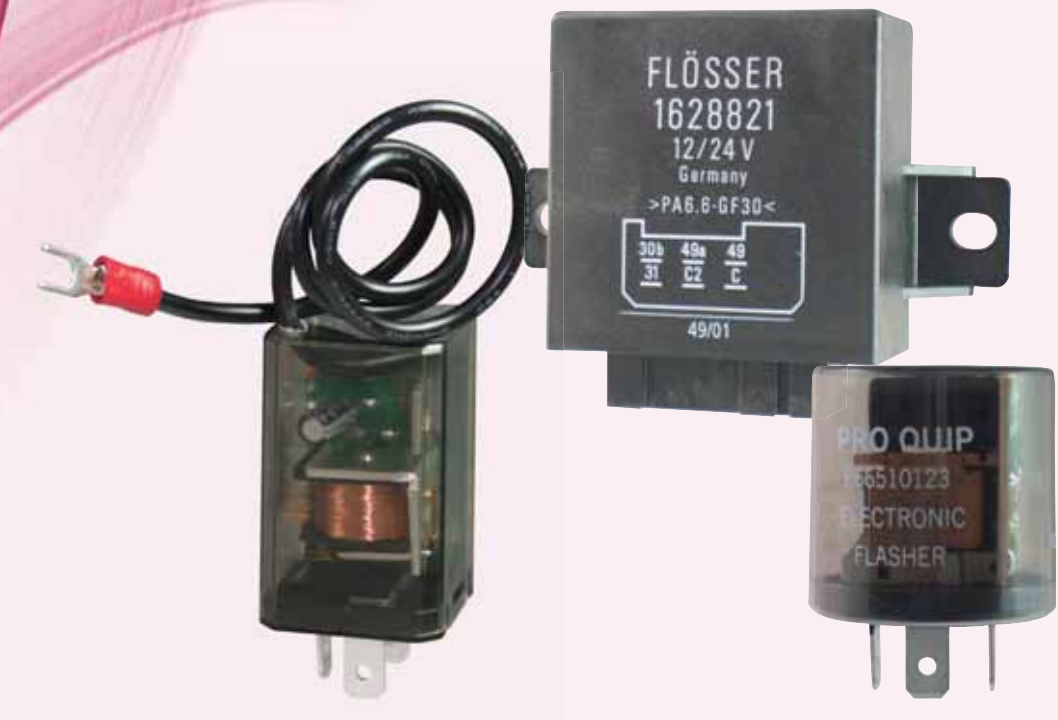


FLASHER RELAYS



FLASHER RELAYS

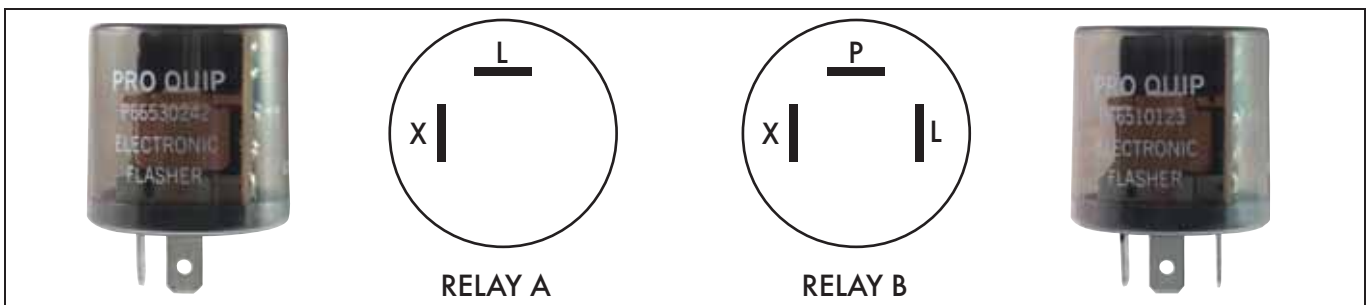
FEATURES

- **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 nd 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

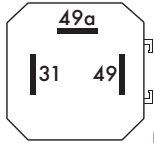
STOCK CODE	DESCRIPTION	TYPE	LOAD SENSITIVE	RATED VOLTAGE	MAX NO. OF LAMPS	LOAD RATING	NO. OF PINS	APN BARCODE
6651B	P123 (B)	ELECTRO-MECHANICAL	NO	12V	14	20 Amp	3	 9 313853 066514
6654B	P243 (B)	ELECTRO-MECHANICAL	NO	24V	14	20 Amp	3	 9 313853 066545

All Stock Codes are for minimum quantities of 10.

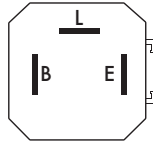
Can be Ordered in Bulk: Minimum Order 250.

ELECTRONIC FLASHER RELAYS

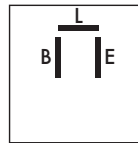
UNIVERSAL 3 PIN APPLICATION



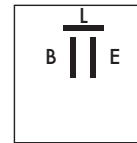
RELAY C



RELAY D



RELAY E

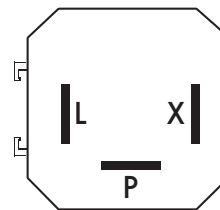


RELAY F



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
6665B	P1234 (D)	SUPER ELECTRONIC	YES	12V	6	4 x 21W + 2 x 5W	3	9 313853 066651
6663B	P1232 (E)	SUPER ELECTRONIC	YES	12V	6	4 x 21W + 2 x 5W	3	9 313853 066637
6664B	P1233 (F)	SUPER ELECTRONIC	YES	12V	6	4 x 21W + 2 x 5W	3	9 313853 066644

LED FLASHER RELAYS



RELAY G

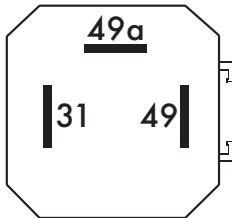
STOCK CODE	DESCRIPTION	TYPE	LOAD SENSITIVE	RATED VOLTAGE	LOAD RATING	NO. OF PINS	APN BARCODE
6682B	P1250 (G)	SUPER ELECTRONIC/IC CONTROLLED	NO	12V	Suitable for vehicles with LED signal lamps. Automatically detects low Amp draw of LED & operates at constant rate Max: 20A / Min: 1A	3	9 313853 066828
6683B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

All Stock Codes are for minimum quantities of 10.

Can be Ordered in Bulk: Minimum Order 250.

LED FLASHER RELAYS

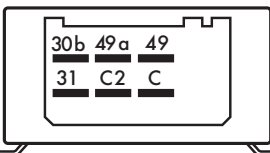
LED FLASHER RELAYS



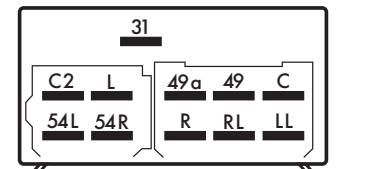
RELAY C



STOCK CODE	DESCRIPTION	TYPE	LOAD SENSITIVE	RATED VOLTAGE	MAX NO. OF LAMPS	LOAD RATING	NO. OF PINS	APN BARCODE
6667B	P1236 (C)	SUPER ELECTRONIC/IC CONTROLLED	YES	12V	8	1 x 21W + 2 x 9W LED + 2 x 5W Side Turn Indicator	3	
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.