

Technical data UL

General UL technical data

Contact blocks		
Rated insulation voltage, UL		600V
Rated thermal current		10A / 600VAC 2.5A / 600VDC
Minimum rating		24VDC, 5mA
Mechanical life (millions of operations)		10
Temperature specifications		
Ambient temperature		-25°C to +40°C
Terminal connections		
Contact blocks	Recommended torque	Wire size
Minimum		20 AWG
Maximum		2 x 12 AWG
Lamp assemblies		
Minimum	7 lb. in.	20 AWG
Maximum		2 x 14 AWG
Plus-minus pozidrive size 2 screws with DIN washer		

Contacts—NEMA A600, 10A thermal

Voltage	Inductive amps	Maximum make	Maximum break	Max VA
120 VAC	6A	60A	6A	7200VA
240 VAC	3A	30A	3A	
480 VAC	1.5A	15A	1.5A	
600 VAC	1.2A	12A	1.2A	

Contacts—NEMA Q600, 5A thermal

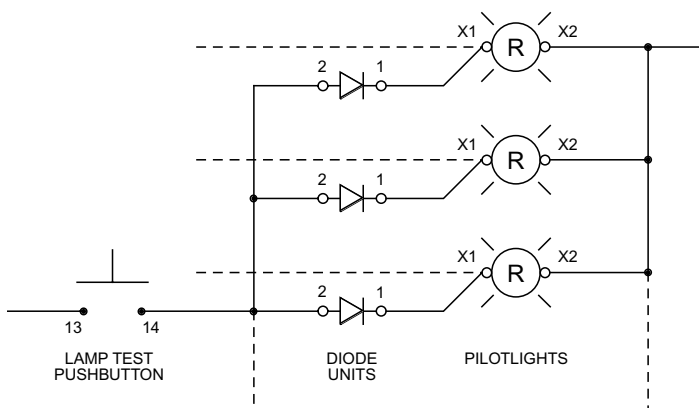
Voltage	Maximum make or break current	Maximum make or break volt-amps at 600V or less
125 VDC	.55A	69VA
250 VDC	.27A	
301 – 600 VDC	.10A	

Low energy contacts — gold plated

Range	Rating
Maximum	NEMA A600 & NEMA Q600
Minimum	5VAC/DC, 2mA; 12VAC/DC, 1mA; 24VAC/DC, 5mA

Lamp bulbs connected in common

If several lamps are to be connected to a common lamp-test pushbutton, a separate diode must be connected in series with each respective lamp. A special block with a built-in diode (CBK-CBD) is available for this purpose and can be securely snapped onto the lamp block or placed at the side.



WHEN SEVERAL PILOT LIGHTS ARE CONNECTED TO A COMMON LAMP TEST BUTTON, CONNECT A DIODE TO EACH PUSHBUTTON AS SHOWN. A SPECIAL DIODE BLOCK IS AVAILABLE FOR THIS PURPOSE.

8

Contact block terminal marking

Type	1 N.O.	1 N.C.
Catalog number	CBK-CB10(G)	CBK-CB01(G)
Schematic diagram		

Approvals

CBK, 22mm

NEMA & UL Listed for Types 1, 3R, 4, 4X, 12 & 13 applications

CBG, 30mm

NEMA & UL Listed for Types 1, 3R, 4, 4X, 12 & 13 applications