

219 Series - Industrial Relays

DPDT, Up To 6PST, 10 Amps

Additional Contact Ratings

Highest Load for Standard Contacts

*Current - A, Resistive unless otherwise noted

Voltage	Current, A	Switching Type
28 VDC, "69"	10A	Make & Break
48 VDC, "69"	10A	Make & Carry
	5A	Make & Break
125 VDC, "69"	10A	Make & Carry
	4A	Carry & Break
	3A	Make & Break
	0.5A, Inductive	Make & Break
125 VDC, "69" DOUBLE MAKE	4A	Make & Break
	1.1A, Inductive	Make & Break
250 VDC, "69"	4A	Make & Carry
	2A	Carry & Break
	1A	Make & Break
	0.15A, Inductive	Make & Break
250 VDC, "69" DOUBLE MAKE	1.5A	Make & Break
	0.55A, Inductive	Make & Break
120 VAC	10A, 3A Inductive, 1/6 HP	Make & Break
240 VAC	10A, 1/3 HP	Make & Break
277 VAC	10A	Make & Carry
	7A	Carry & Break
	4.5A	Make & Break

Highest Load for Bifurcated Contacts

*Current - A, Resistive unless otherwise noted

Voltage	Current, A	Switching Type
28 VDC	5A	Make & Carry
	3A	Carry & Break
	2.5	Make & Break
48 VDC	3A	Make & Carry
	2A	Carry & Break
	1.5A	Make & Break
125VDC	1A	Make & Carry
	0.5	Carry & Break
	0.25	Make & Break
250 VDC	0.5A	Make & Carry
	0.25A	Carry & Break
	0.1A	Make & Break
120 VAC	5A	Make & Carry
	3A	Carry & Break
	5	Make & Break
240 VAC	2.5A	Make & Carry
	1.5A	Carry & Break
	2.5 A	Make & Break
277 VAC	2.5A	Make & Carry
	1.5A	Carry & Break
	1.0A	Make & Break
480 VAC	0.5A	Make & Carry
	0.2A	Make & Break

Lowest Load for Standard Contacts

*Current - A, Resistive unless otherwise noted

Voltage	Current, A	Switching Type
5 VDC	1A	Make & Break
12 VDC	0.75A	Make & Break
28 VDC	0.050A	Make & Break
48 VDC	0.050A	Make & Break
125VDC	0.050 A	Make & Break
250 VDC	0.050A	Make & Break
120 VAC	0.050A	Make & Break
240 VAC	0.050A	Make & Break
480 VAC	0.050A	Make & Break

Lowest Load for Bifurcated Contacts

*Current - A, Resistive unless otherwise noted

Voltage	Current, A	Switching Type
5 VDC	0.1A	Make & Break
12 VDC	0.075A	Make & Break
28 VDC	0.01A	Make & Break
48 VDC	0.005A	Make & Break
125VDC	0.005A	Make & Break
250 VDC	0.001A	Make & Break
120 VAC	0.01A	Make & Break
240 VAC	0.005A	Make & Break
480 VAC	0.001A	Make & Break

Use Code "69" for blowout magnet when switching voltages above 40VDC.

Use Code "33" for bifurcated contacts when switching low level current below 50mA.

General Purpose Relays

Outline Dimensions

Dimensions Shown in inches & (millimeters)

MAX

Ordering Code

219

XBX

69PLM33VN

-24VDC

Series

219

Contact Arrangement

- ABA (1 Form A, 2 Form C, 1 Form, B) 12-pin Plug
- ABX (SPST- NO & DPDT) (1 Form & 2 Form C) 12-pin Plug
- BBX (DPST & DPDT) (2 Form A & 2 Form C) 12-pin Plug
- BXB (DPST- NO & DPST- NC) (2 Form A & 2 Form B) 12-pin Plug
- BXD (DPST- NO & 4PST-NC) (2 Form A & 4 Form B) 14-pin Plug
- DXB (4PST- NO & DPST- NC) (4 Form A & 2 Form B) 14-pin Plug
- FXX (6PST- NO) (6 Form A) 14-pin Plug
- JXH (DPST-NO-DM & SPST-NC-DB) (2 Form X & 1 Form Y) 14-pin Plug
- XBX (DPDT) (2 Form C) 12-pin Plug
- XCX (3PDT) (3 Form C) 12-pin Plug
- XDX (4PDT) (4 Form C) 14-pin Plug

Optional Features (SEQUENCE)

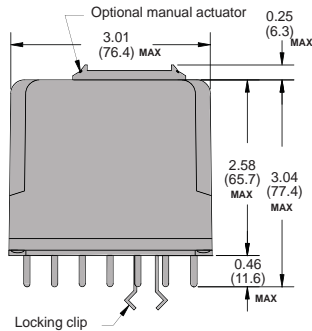
- Permanent Magnet Blowout - CODE 69
- Polycarbonate Cover - CODE P (Standard)
- Indicator Lamp - CODE L
- Manual Actuator - CODE M
- Bifurcated Contacts - CODE 33
- Coil Suppression Diode - CODE V
- Coil ARC Suppressor & Snubber Network - Code V1 (VAC Coils)
- Cover Gasket - CODE N

Coil Voltage

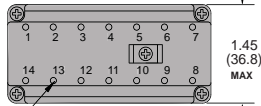
- AC: 12, 24, 120, 240, (Add VAC)
- DC: 6, 12, 24/28, 32, 48, 115/125, 250 (Add VDC)

*Coil voltages and frequencies must be specified

14 Pin Plug-in

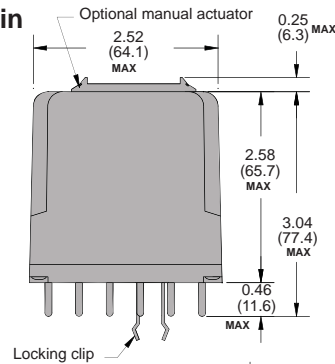


Use with
Socket
33377
or
33377D
Purchased
Separately

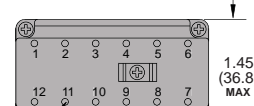


.10 x .43 (2.5 x 11.0) DIA. Typical of all pin dimensions

12 Pin Plug-in



Use with
Socket
27390
or
27390D
Purchased
Separately



.10 x .43 (2.5 x 11.0) DIA. Typical of all pin dimensions