

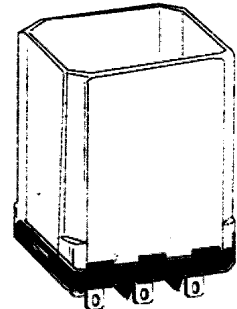
# GENERAL SPECIFICATIONS

CLASS  
**388 & 283**

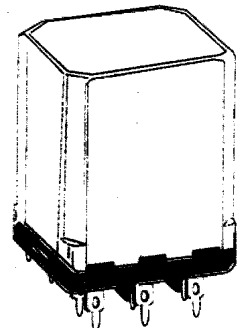
**7**  
**RELAYS**

**FEATURES**

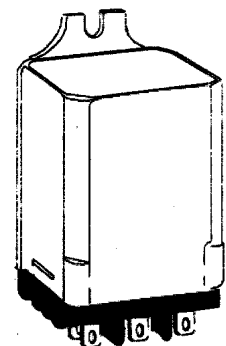
The Class 388 & 283 general purpose relays are available in a wide choice of AC or DC voltages and options. Plug-in style relays have 3-way pierced terminals. While spaced for standard plug-in Socket mounting. The flat terminals (0.187 x 0.020) also accept quick connect receptacles or direct soldering. Screw terminal sockets are available for chassis, direct panel mounting or DIN rail mounting.



PLUG-IN



P.C. MOUNT



FLANGE MOUNT

CONTACT RATINGS TABLE			
POLES	120 VAC	240 VAC	28 VDC
1 POLE	13 AMP 1/3 HP	13 AMP 1/2 HP	13 AMP
2 POLE	12 AMP 1/3 HP	8 AMP 1/2 HP	12 AMP
3 POLE	11 AMP 1/3 HP	11 AMP 1/2 HP	11 AMP

CSA rated 240VAC, 10 Amps (1 and 2 pole), 6 Amp for (3 pole) resistive load. DPDT only, also rated 3 Amps at 301 thru 600VAC, resistive load and 1/2 HP at 301 thru 600 VAC motor load.

TYPICAL OPERATING CHARACTERISTICS (For DC voltage types only).			
POLES	SPDT	DPDT	3PDT
MIN. OPERATE mW (SENSITIVITY)	125	250	375
OPERATE TIME (Milliseconds maximum.)	18.0	20.0	24.0
RELEASE TIME (Milliseconds Maximum.)	30.0	28.0	26.0

VDE Versions available with contact ratings of 10 Amps at 250 VAC (resistive load), 4 Amps at 250 VAC (inductive load - .4 pF).

Measured at Nominal Voltage @ 25°C

**SPECIFICATIONS CLASS 388 & 283 RELAYS**

**Coil**

- Pull-in voltage: 80% of nominal voltage or less. for DC coils.  
85% of nominal voltage or less for AC coils.
- Dropout voltage: 10% of nominal voltage or more.
- Resistance: ± 10 % Measured at 25°C
- Coil power: 1.2 Watts for DC coils, 2 VA to 2.75 VA for AC coils
- Maximum coil dissipation: Capability of DC coils 3.0 Watts max.
- Duty: Continuous

**CONTACTS**

- Contact material: 3/16" silver cadmium oxide, gold flashed.
- Contact resistance: 50 Milliohms maximum initial resistance at rated current

**DIELECTRIC STRENGTH**

- Contacts to coil: 2000 V rms
- Across open contacts: 500 V rms
- Pole to pole: 2000 V rms
- Contacts to frame: 2000 V rms
- Insulation resistance: 1000 Megohms @ 500 VDC

**TEMPERATURE**

- Operating: -30°C to +50°C (AC), -30°C to +65°C (DC)
- Storage: -30°C to 100°C

**MISCELLANEOUS**

- Insulation material: Molded plastic
- Enclosure: Clear Polycarbonate dust cover
- Terminals: 3/16" solder/plug-in, Printed Circuit terminals  
other terminals available: .205 x .032, .250 x .032 on special order.
- Weight: 3.1 oz.. (88 g approx. with cover).