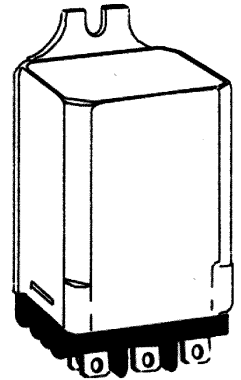


GENERAL SPECIFICATIONS

CLASS
389 & 298

FEATURES

The Class 389 & 298 relays are high quality general purpose relays, designed to switch larger loads without increasing overall size. One, two and three pole relays are available with a choice of various contact combinations. Double make and double break styles are available only with a one pole style but is capable of switching larger loads and are especially well suited for switching motor loads. These relays are available in the 30 Amp contact range. The Class 389/298 uses 1/4" spade lug terminals for use with faston connectors or for direct soldering. VDE versions are available with contact ratings of 20 Amps at 250VAC (resistive load) 6 Amps at 250VAC (inductive load - .4 pF).



FLANGE MOUNT

SPECIFICATIONS CLASS 389 & 298 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.
Coil resistance:	± 10 % Measured at 25°C
Nominal power:	1.44 Watts for DC coils, 2VA to 3.5VA for AC coils
Maximum coil dissipation:	Capability of DC coils 2.5 Watts max.
Duty:	Continuous
Insulation:	Class "B" coil system. (130°C).
VDE, coil:	Designed to meet 8 mm creepage and withstand 4000 V rms (except 3 pole) between coil & contacts.

CONTACTS

Contact material:	1/4" silver cadmium oxide, gold flashed.
Contact Gap:	.015 min. is standard.
Contact resistance:	50 Milliohms maximum initial resistance at rated current

TIMING

Operate time, (excluding bounce):	20 milliseconds max.at nominal voltage.
Release time, (excluding bounce):	20 milliseconds max.at nominal voltage.

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:	1,000 Megohms min. @ 500 VDC

TEMPERATURE

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

LIFE

Electrical:	100,000 at rated load.
Mechanical:	5 Million Operations no load

MISCELLANEOUS

Enclosure:	Clear Polycarbonate dust cover
Insulation material:	Molded plastic
Terminals:	1/4" x .032 Q.C. Terminals suitable for solder or faston connectors, also available with Printed Circuit terminals. (.090 x .032)
Weight:	3.3 oz.. (94 g approx. with cover).