

CLASS **388J**

HIGH CURRENT PLUG-IN & FLANGE MOUNT RELAY

DPDT & 3PDT, 16 & 20 AMPS

UL CONTACT LOAD RATINGS TABLE

POLES	CURRENT OR HORSE POWER	LOAD VOLTAGE	LOAD VOLTAGE FREQUENCY	TYPE OF LOAD
2 POLES	20 AMP	300 VAC	50/60 Hz	RESISTIVE
	20 AMP	28 VDC	DC	RESISTIVE
3 POLES	16 AMP	277 VAC	50/60 Hz	RESISTIVE
	16 AMP	28 VDC	DC	RESISTIVE
2 & 3 POLES	3/4 HP	120 VAC	50/60 Hz	MOTOR
	1 HP	208-600 VAC	50/60 Hz	MOTOR

UP TO 20 AMP SWITCHING



WHEN USED WITH
SOCKET 70-463-1

CURRENT LIMITED TO
RATING OF RELAY OR
SOCKET WHICHEVER
IS LESS



COMPLIES WITH REQUIREMENTS OF

* IEC STANDARDS 947-4-1 AND
947-5-1 LOW VOLTAGE DIRECTIVE

* IEC = INTERNATIONAL
ELECTROTECHNICAL COMMISSION

* CE TESTING AND EVALUATION
PERFORMED BY THE UNDERWRITERS
LABORATORIES AS A THIRD PARTY
PARTICIPANT

GENERAL SPECIFICATIONS

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 @ 25°C
Insulation System:	Class "B" (130°C per UL standard 1446)
Maximum Coil Dissipation:	3.0 watts max. DC
Duty:	Continuous

CONTACTS

Contact material:	0.187 silver alloy, gold flashed
Contact Resistance:	50 milliohms maximum initial resistance at rated current
Contact Ratings:	See "UL CONTACT RATINGS TABLE"

DIELECTRIC STRENGTH

Contacts to Coil:	2000 V rms
Across Open Contacts:	1500 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

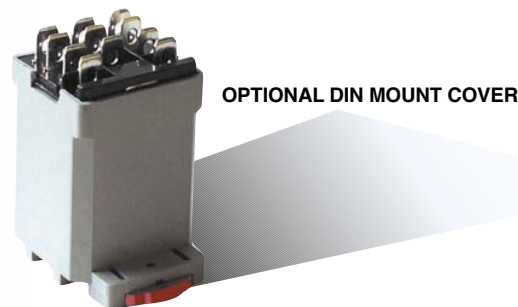
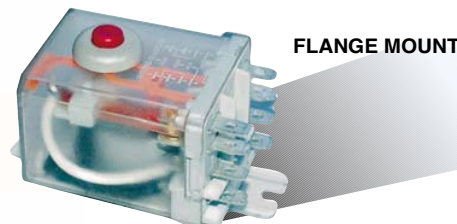
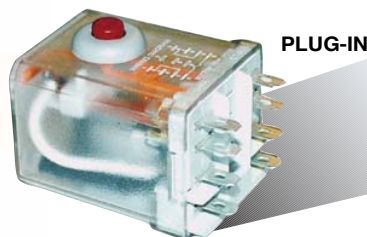
LIFE EXPECTANCY

Electrical:	100,000 operations @ rated resistive load
Mechanical:	5,000,000 operations @ no load

MISCELLANEOUS

Operating Position:	Any
Insulation material:	Molded plastic
Enclosure:	Polycarbonate dust cover
Terminals:	0.187 x 0.032 quick connect flange or 0.187 x 0.20 plug-in. Optional printed circuit terminals available
Weight:	94 grams approx.

**MANUFACTURED UNDER
ISO 9002 & QS 9000**



Mating Sockets
70-463-1: SCREW/DIN
70-124-1: SOLDER
70-178-1, 70-178-2: PRINTED CIRCUIT
70-124-2: QUICK CONNECT
See section 8, page 16, 17

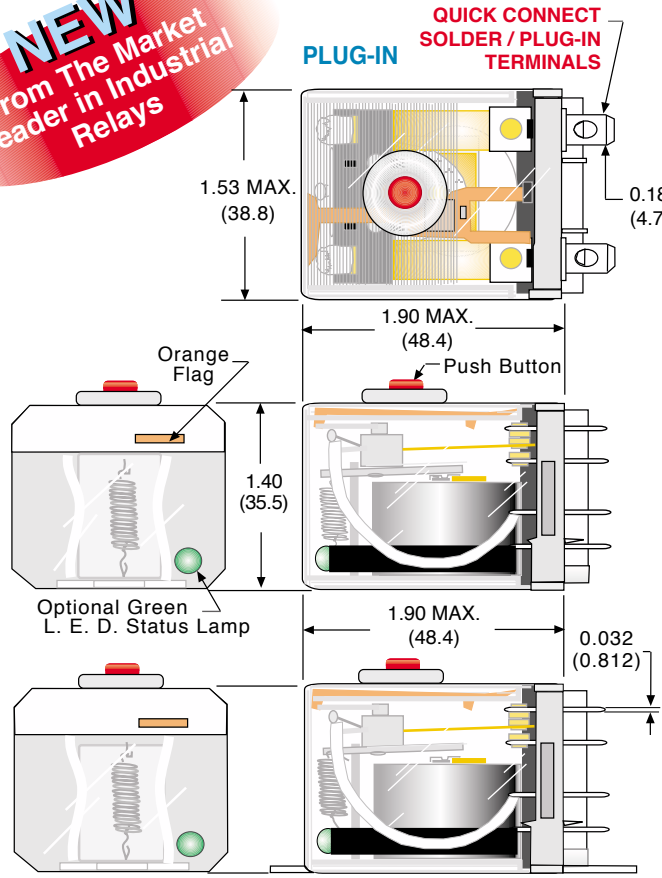


CLASS **388J**

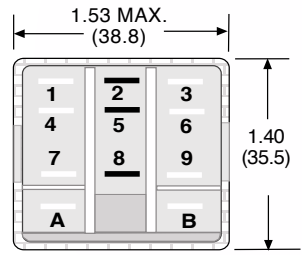
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DPDT & 3PDT, 16 & 20 AMPS

NEW
From The Market
Leader in Industrial
Relays

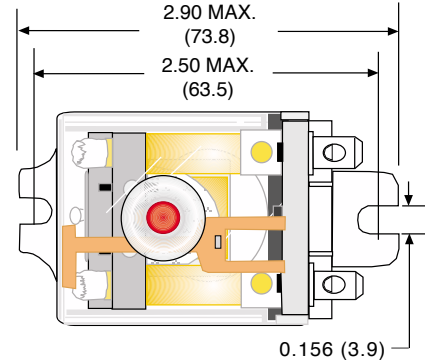


OUTLINE DIMENSIONS
DIMENSIONS SHOWN IN INCHES & (MILLIMETERS).

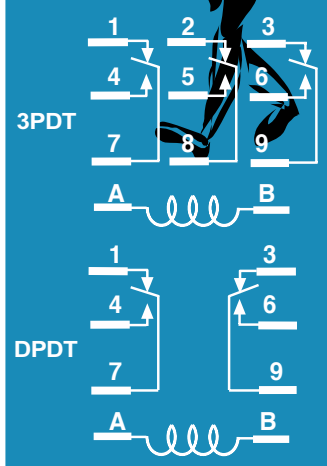


FLAG INDICATOR & PUSH BUTTON STANDARD ON 388J RELAYS.

FLANGE COVER



WIRING DIAGRAMS
(VIEWED FROM PIN END)



ORDERING CODE FOR RELAYS

388J XCX C1 M- 240A

CLASS: _____
FLAG INDICATOR STANDARD FEATURE

CONTACT CONFIGURATION: _____
DPDT: **XB**X, 3PDT: **XC**X

CONSTRUCTION STYLE: _____
* ENCLOSED, PLAIN COVER: **CODE C**
ENCLOSED, FLANGE COVER: **CODE C1**
ENCLOSED, 6-32 TAPPED CORE & ANTI-ROTATION TAB: **CODE C2**
ENCLOSED 6-32 STUD & ANTI-ROTATION TAB: **CODE CS2**
ENCLOSED TOP FLANGE MOUNT: **CODE C3**
ENCLOSED DIN MOUNT: **CODE C4**

TERMINAL STYLE: _____
† QUICK CONNECT SOLDER TERMINALS: **NO CODE**
PRINTED CIRCUIT TERMINALS: **CODE T**

OPTIONS: _____
BI - POLAR L.E.D. STATUS LAMP: **CODE L**
PUSH BUTTON: **CODE M**
MAGNETIC BLOWOUT: **CODE 69**
DC COIL SUPPRESSION: **CODE V**
AC COIL SUPPRESSION: **CODE V1**
RECTIFIED COIL: **CODE V2**

COIL VOLTAGE: _____
6, 12, 24, 120, 240 **ADD "A" FOR AC COILS**
6, 12, 24, 48, 110 **ADD "D" FOR DC COILS**

STANDARD PART NUMBERS	CONTACT CONFIGURATION	COIL MEASURED @ 25°C	
		NOMINAL INPUT VOLTAGE	NOMINAL RESISTANCE (OHMS)
AC OPERATED FLANGE MOUNT WITH PUSH BUTTON, 16 AMP			
388JXCXC1M-240A	3PDT	240 VAC,50/60Hz	7200 Ω
388JXCXC1M-120A	3PDT	120 VAC,50/60Hz	1700 Ω
DC OPERATED FLANGE MOUNT WITH PUSH BUTTON, 16 AMP			
388JXCXC1M-12D	3PDT	12 VDC	120 Ω
388JXCXC1M-24D	3PDT	24 VDC	470 Ω
AC OPERATED PLUG-IN WITH PUSH BUTTON, 16 AMP			
388JXCXCM-240A	3PDT	240 VAC,50/60Hz	7200 Ω
388JXCXCM-120A	3PDT	120 VAC,50/60Hz	1700 Ω
DC OPERATED PLUG-IN WITH PUSH BUTTON, 16 AMP			
388JXCXCM-12D	3PDT	12 VDC	120 Ω
388JXCXCM-24D	3PDT	24 VDC	470 Ω
AC OPERATED FLANGE MOUNT WITH PUSH BUTTON, 20 AMP			
388JXBXC1M-240A	DPDT	240 VAC,50/60Hz	9100 Ω
388JXBXC1M-120A	DPDT	120 VAC,50/60Hz	2250 Ω
DC OPERATED FLANGE MOUNT WITH PUSH BUTTON, 20 AMP			
388JXBXC1M-12D	DPDT	12 VDC	120 Ω
388JXBXC1M-24D	DPDT	24 VDC	470 Ω
AC OPERATED PLUG-IN WITH PUSH BUTTON, 20 AMP			
388JXBXCM-240A	DPDT	240 VAC,50/60Hz	9100 Ω
388JXBXCM-120A	DPDT	120 VAC,50/60Hz	2250 Ω
DC OPERATED PLUG-IN WITH PUSH BUTTON, 20 AMP			
388JXBXCM-12D	DPDT	12 VDC	120 Ω
388JXBXCM-24D	DPDT	24 VDC	470 Ω

RETROFITS SCHRACK RM. SEE END OF SECTION 1 FOR CROSS REFERENCE
CADMIUM-FREE CONTACTS AVAILABLE, CONTACT FACTORY FOR DETAILS