

SECTION

1



SOCKET COMPATIBLE AND FLANGE MOUNTED RELAYS

1 TO 30 AMPERES

781

782

782H

783

784

750

788

283

388J/V

389/389F

300

9A/92

21

67

219

750H



781

MANUFACTURED UNDER
ISO 9002 QS 9000

1.60 x 0.55 x 1.10



782XAX

MANUFACTURED UNDER
ISO 9002 QS 9000

1.54 x 0.83 x 1.10

PRODUCT

L X W X H (INCHES)

FEATURES

- ✦ 0.187 QUICK CONNECT/SOLDER PLUG-IN OR PRINTED CIRCUIT TERMINALS
- ✦ FLAG INDICATOR
- ✦ L.E.D. STATUS LAMP
- ✦ PUSH BUTTON
- ✦ FINGER GRIP COVER
- ✦ I.D. TAG/WRITE LABEL
- ✦ OPTIONAL FLANGE AND DIN ADAPTERS
- ✦ UL LISTED WHEN USED WITH 70-781D-1 SOCKET

- ✦ 0.187 QUICK CONNECT/SOLDER PLUG-IN OR PRINTED CIRCUIT TERMINALS
- ✦ FLAG INDICATOR
- ✦ L.E.D. STATUS LAMP
- ✦ PUSH BUTTON WITH LOCK DOWN DOOR
- ✦ FINGER GRIP COVER
- ✦ I.D. TAG/WRITE LABEL
- ✦ OPTIONAL FLANGE AND DIN ADAPTERS
- ✦ UL LISTED WHEN USED WITH 70-459-1 OR 70-782D-1 SOCKETS

COIL		UNITS		
Standard Voltage AC:		50/60 Hz	6, 12, 24, 110 / 120, 220 / 230, 240	6, 12, 24, 110 / 120, 220 / 230, 240
DC:			6, 12, 24, 48, 110 / 125	6, 12, 24, 48, 110 / 125
Coil Power AC (60 Hz):		VA	0.9	1.2
Coil Power DC:		W	0.7	0.9
Insulation System Per UL Standard 1446:			Class B (130°C)	Class B (130°C)
CONTACTS			SPDT	SPDT
Contact Configuration:			Silver alloy, gold flashed	Silver alloy, gold flashed
Contact Material:				
Contact Resistance (Initial):	m Ohms		50	50
Contact Rating AC Amperes (AC1):	A		15	20
Contact Rating AC Voltage:	V		277	277
Contact Rating DC Amperes (DC1):	A		15 / 0.5	20 / 0.5
Contact Rating DC Voltage:	V		28 / 220	28 / 220
Horse Power (AC):	Hp		1/2 @ 120 V	1/2 @ 120 V
Horse Power (AC):	Hp		1 @ 250 V	1 @ 250 V
TIMING				
Operate Time:	ms		20	25
Release Time:	ms		20	20
DIELECTRIC STRENGTH				
Coil to Contacts:	V rms		2500	2500
Insulation Resistance:	megohms minimum @ VDC		100 @ 500	1000 @ 500
TEMPERATURE				
Operating, AC Lower:	°C		-40	-40
Operating, AC Upper:	°C		+70	+70
Operating, DC Lower:	°C		-40	-40
Operating, DC Upper:	°C		+70	+70
Storage, Lower:	°C		-40	-40
Storage, Upper:	°C		+105	+105
LIFE EXPECTANCY				
Electrical @ Rated Load (AC1):	operations		15 A: 100,000, 20 A: 50,000	100,000
Mechanical @ no Load :	operations		10,000,000	10,000,000
MISCELLANEOUS				
Cover Protection Category:	IP		40	40
Weight:	grams		29	36

MATING SOCKETS

SEE SECTION 7

70-781D-1, 70-781F-1, 70-781T-1

70-459-1, 70-782D-1, 70-401-1, 70-402-1

AGENCY APPROVALS

