

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
DC:	
Coil Power AC (60 Hz):	VA
Coil Power DC:	W
Insulation System Per UL Standard 1446:	

6, 12, 24, 110 / 120, 220 / 230, 240
6, 12, 24, 48, 110 / 125

0.9

0.7

Class B (130°C)

6, 12, 24, 110 / 120, 220 / 230, 240
6, 12, 24, 48, 110 / 125

1.2

0.9

Class B (130°C)

CONTACTS

Contact Configuration:	
Contact Material:	
Contact Resistance (Initial):	m Ohms
Contact Rating AC Amperes (AC1):	A
Contact Rating AC Voltage:	V
Contact Rating DC Amperes (DC1):	A
Contact Rating DC Voltage:	V
Horse Power (AC):	Hp
Horse Power (AC):	Hp

SPDT

Silver alloy, gold flashed

50

15

277

15 / 0.5

28 / 220

1/2 @ 120 V

1 @ 250 V

SPDT

Silver alloy, gold flashed

50

20

277

20 / 0.5

28 / 220

1/2 @ 120 V

1 @ 250 V

TIMING

Operate Time:	ms
Release Time:	ms

20

20

25

20

DIELECTRIC STRENGTH

Coil to Contacts:	V rms
Insulation Resistance:	megohms minimum @ VDC

2500

100 @ 500

2500

1000 @ 500

TEMPERATURE

Operating, AC Lower:	°C
Operating, AC Upper:	°C
Operating, DC Lower:	°C
Operating, DC Upper:	°C
Storage, Lower:	°C
Storage, Upper:	°C

-40

+70

-40

+70

-40

+105

-40

+70

-40

+70

-40

+105

LIFE EXPECTANCY

Electrical @ Rated Load (AC1):	operations
Mechanical @ no Load :	operations

15 A: 100,000, 20 A: 50,000

10,000,000

100,000

10,000,000

MISCELLANEOUS

Cover Protection Category:	IP
Weight:	grams

40

29

40

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

