

SOCKET COMPATIBLE & FLANGE MOUNT RELAYS



782XBX

MANUFACTURED UNDER
ISO 9002 QS 9000

1.54 x 0.83 x 1.10

- ✦ 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



783XCX

MANUFACTURED UNDER
ISO 9002 QS 9000

1.54 x 1.21 x 1.10

- ✦ 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 70-783D-1 SOCKET



784DX

MANUFACTURED UNDER
ISO 9002 QS 9000

1.54 x 1.60 x 1.10

- ✦ 0.187 QUICK CONNECT/ SOLDER PLUG-IN OR PRINTED CIRCUIT TERMINALS
 - ✦ FLAG INDICATOR
- ✦ PUSH BUTTON WITH LOCK DOWN DOOR
 - ✦ FINGER GRIP COVER
 - ✦ I.D. TAG/WRITE LABEL
- ✦ OPTIONAL FLANGE AND DIN ADAPTERS
 - ✦ UL LISTED WHEN USED WITH 70-784D-1 SOCKET

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

1.2

0.9

Class B (130°C)

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

1.7

1.5

CLASS B (130°C)

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

2

1.5

Class B (130°C)

DPDT

Silver alloy, gold flashed

50

15 / 12

120 / 277

12 / 0.5

28 / 220

1/2 @ 120 V

1 @ 250 V

25

20

2500

1000 @ 500

-40

+70

-40

+70

-40

+105

200,000

10,000,000

40

36

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

3PDT

Silver alloy, gold flashed

50

15 / 12

120 / 277

15 / 0.5

28 / 220

1/2 @ 120 V

3/4 @ 250 V

25

20

2500

1000 @ 500

-40

+70

-40

+70

-40

+105

150,000

10,000,000

40

60

70-783D-1

4PDT

Silver alloy, gold flashed

50

15 / 12

120 / 277

15 / 0.5

28 / 220

1/2 @ 120 V

3/4 @ 250 V

20

20

2500

100 @ 500

-40

+70

-40

+70

-40

+105

150,000

10,000,000

40

80

70-784D-1





**782XBX1
& 782XDX1**

MANUFACTURED UNDER
ISO 9002 QS 9000



**782XBX2
& 782XDX2**

MANUFACTURED UNDER
ISO 9002 QS 9000

PRODUCT

L X W X H (INCHES)

1.54 x 0.83 x 1.10

1.54 x 0.83 x 1.10

FEATURES

- ✦ 0.100 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 AVAILABLE
 - ✦ UL LISTED WHEN USED WITH 70-461-1 SOCKET

- ✦ 0.100 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 AVAILABLE
 - ✦ UL LISTED WHEN USED WITH 70-461-1 SOCKET

| 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 | 1.2 | 1.2 |
| Coil Power DC: | W | 0.9 | 0.9 |
| Insulation System Per UL Standard 1446: | | Class B (130°C) | Class B (130°C) |
| CONTACTS | | DPDT, 4PDT | |
| Contact Configuration: | | DPDT, 4PDT | DPDT, 4PDT |
| Contact Material: | | Silver alloy, gold flashed | Silver alloy, gold flashed |
| Contact Resistance (Initial): | m Ohms | 50 | 50 |
| Contact Rating AC Amperes (AC1): | A | 3 | 10 / 8.0 |
| Contact Rating AC Voltage: | V | 240 | 120 / 277 |
| Contact Rating DC Amperes (DC1): | A | 3 / 0.25 | 8 / 0.25 |
| Contact Rating DC Voltage: | V | 28 / 220 | 28 / 220 |
| Horse Power (AC): | Hp | | 1/3 @ 120 V |
| Horse Power (AC): | Hp | 1/10 @ 240 V | 1 @ 277 V |
| TIMING | | | |
| Operate Time: | ms | 20 | 20 |
| Release Time: | ms | 20 | 20 |
| DIELECTRIC STRENGTH | | | |
| Coil to Contacts: | V rms | 1500 | 1500 |
| Insulation Resistance: | megohms minimum@VDC | 100 @ 500 | 100 @ 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 | 200,000 | 200,000 |
| Mechanical @ no Load : | operations | 10,000,000 | 10,000,000 |
| MISCELLANEOUS | | | |
| Cover Protection Category: | IP | 40 | 40 |
| Weight: | grams | 36 | 36 |

MATING SOCKETS
SEE SECTION 7

70-461-1, 70-378-1, 70-379-1

70-461-1, 70-378-1, 70-379-1

AGENCY APPROVALS

