

# 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

<b>COIL</b>		<b>UNITS</b>	
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)
<b>CONTACTS</b>			
Contact Configuration:		<b>DPDT, 4PDT</b>	<b>DPDT, 4PDT</b>
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
<b>TIMING</b>			
Operate Time:	ms	20	20
Release Time:	ms	20	20
<b>DIELECTRIC STRENGTH</b>			
Coil to Contacts:	V rms	1500	1500
Insulation Resistance:	megohms minimum@VDC	100 @ 500	100 @ 500
<b>TEMPERATURE</b>			
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
<b>LIFE EXPECTANCY</b>			
Electrical @ Rated Load (AC1):	operations	200,000	200,000
Mechanical @ no Load :	operations	10,000,000	10,000,000
<b>MISCELLANEOUS</b>			
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**



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