

SERIES 782XBX/XDX

DPDT 10 AMP & 4PDT 3 & 5 AMP MINIATURE POWER RELAY

FEATURES

FLAG INDICATOR:

SHOWS RELAY STATUS IN MANUAL OR POWERED CONDITION.

L.E.D. STATUS LAMP:

SHOWS COIL "ON" OR "OFF" STATUS. IDEAL IN LOW LIGHT CONDITIONS.

PUSH BUTTON:

ALLOWS FOR MANUAL OPERATION OF RELAY WITHOUT THE NEED FOR COIL POWER. IDEAL FOR FIELD SERVICE PERSONNEL TO TEST CONTROL CIRCUITS.

LOCK-DOWN DOOR:

WHEN ACTIVATED, HOLDS PUSH BUTTON AND CONTACTS IN THE OPERATE POSITION. EXCELLENT FOR ANALYZING CIRCUIT PROBLEMS.

FINGER-GRIP COVER:

ALLOWS OPERATOR TO REMOVE RELAYS FROM SOCKETS MORE EASILY THAN CONVENTIONAL RELAYS.

I.D. TAG/WRITE LABEL:

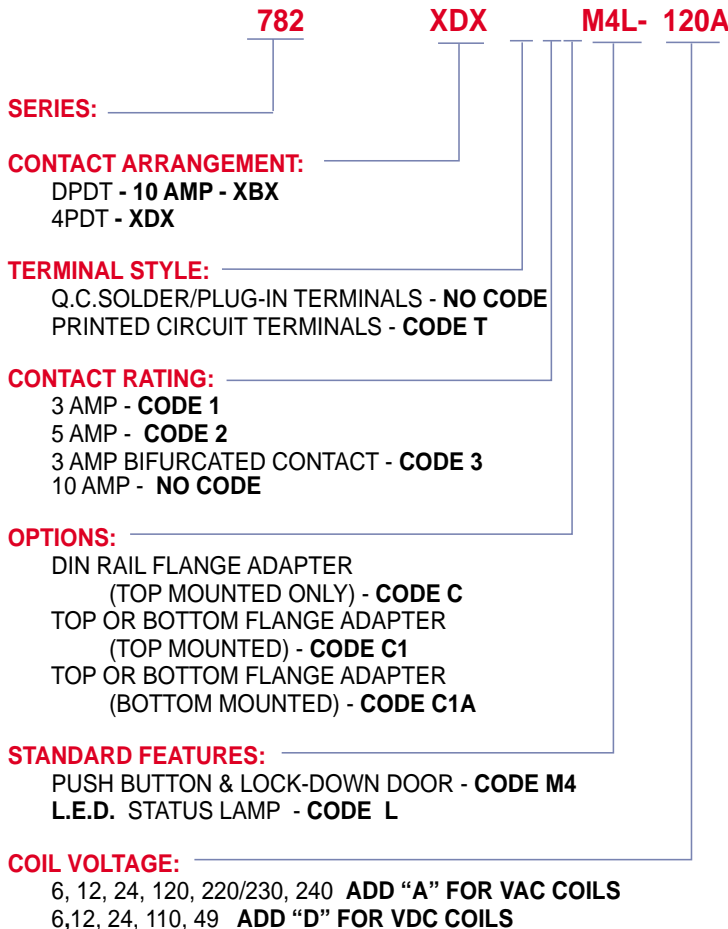
USED FOR IDENTIFICATION OF RELAYS IN MULTI-RELAY CIRCUITS.

COVER ADAPTERS:

DIN RAIL FLANGE ADAPTER OR TOP/BOTTOM FLANGE ADAPTER, ALLOWS THE 782 RELAY TO BE DIRECT MOUNTED TO A DIN RAIL OR PANEL.

BENEFITS

ORDERING CODE



782 STANDARD PART NUMBERS

PART NUMBERS	COIL MEASURED @ 25°C		CROSS REFERENCE TO FINDER
	NOMINAL INPUT VOLTAGE	NOMINAL RESISTANCE (OHMS)	
AC OPERATED COIL - SOLDER/PLUG-IN, 10 AMP			
782XBXM4L-24A	24 VAC, 50/60Hz	72 Ω	56.32.8024.20.30-40
782XBXM4L-120A	120 VAC, 50/60Hz	1,700 Ω	56.32.8120.20.30-40
782XBXM4L-240A	240 VAC, 50/60Hz	9,100 Ω	56.32.8240.20.30-40
DC OPERATED COIL - SOLDER/PLUG-IN, 10 AMP			
782XBXM4L-12D	12 VDC	120 Ω	56.32.9012.20.30-40
782XBXM4L-24D	24 VDC	470 Ω	56.32.9024.20.30-40
782XBXM4L-110D	110 VDC	10,000 Ω	56.32.9110.20.30-40
AC OPERATED COIL - Q.C.SOLDER/PLUG-IN, 3 AMP BIFURCATED			
782XDX3M4L-24A	24 VAC, 50/60Hz	72 Ω	
782XDX3M4L-120A	120 VAC, 50/60Hz	1,700 Ω	
782XDX3M4L-240A	240 VAC, 50/60Hz	9,100 Ω	
DC OPERATED COIL - Q.C.SOLDER/PLUG-IN, 3 AMP BIFURCATED			
782XDX3M4L-12D	12 VDC	120 Ω	
782XDX3M4L-24D	24 VDC	470 Ω	
782XDX3M4L-110D	110 VDC	10,000 Ω	
AC OPERATED COIL - SOLDER/PLUG-IN, 5 AMP			
782XDX2M4L-24A	24 VAC, 50/60Hz	72 Ω	55.34.8024.20.30-40
782XDX2M4L-120A	120 VAC, 50/60Hz	1,700 Ω	55.34.8120.20.30-40
782XDX2M4L-240A	240 VAC, 50/60Hz	9,100 Ω	55.34.8240.20.30-40
DC OPERATED COIL - SOLDER/PLUG-IN, 5 AMP			
782XDX2M4L-12D	12 VDC	120 Ω	55.34.9012.20.30-40
782XDX2M4L-24D	24 VDC	470 Ω	55.34.9024.20.30-40
782XDX2M4L-110D	110 VDC	10,000 Ω	55.34.9110.20.30-40
AC OPERATED COIL - SOLDER/PLUG-IN, 3 AMP			
782XDX1M4L-24A	24 VAC, 50/60Hz	72 Ω	
782XDX1M4L-120A	120 VAC, 50/60Hz	1,700 Ω	
782XDX1M4L-240A	240 VAC, 50/60Hz	9,100 Ω	
DC OPERATED COIL - SOLDER/PLUG-IN, 3 AMP			
782XDX1M4L-12D	12 VDC	120 Ω	
782XDX1M4L-24D	24 VDC	470 Ω	
782XDX1M4L-110D	110 VDC	10,000 Ω	

SERIES 782XBX/XDX

DPDT 10 AMP & 4PDT 3 & 5 AMP MINIATURE POWER RELAY

GENERAL SPECIFICATIONS


UL Recognized
File No. E43641



COIL

Pull-in Voltage :	75% of Nominal Voltage or less for DC Coils, 80% of Nominal Voltage or less for AC Coils.
Dropout Voltage:	DC-10% Min. AC-30% Min. of Nominal Voltage or More.
Max. Voltage :	110%
Resistance:	±15% Measured @ 25°C.
Coil Power:	0.9 Watts DC, 1.2 VA (60Hz) AC @ 25°C.
Insulation System:	Class "B" (130°C Per UL Standard 1446).
Max. Coil Dissipation:	2.3 Watts DC, 2.55 VA (60Hz) AC. @ 25°C.
Duty:	Continuous.

CONTACTS

Contact Material:	3 Amp Bifurcated Silver Gold Plated. 3 Amp Silver Gold Flashed, 5 Amp, Silver Cadmium Oxide, Gold Flashed. 10 Amp, Silver Cadmium Oxide, Gold Flashed,
Contact Rating:	DPDT- 10 Amps @ 120/240 VAC 30 VDC. 1/3HP, 120VAC. 1/2HP 240 VAC 4PDT- Bifurcated 3Amp @ 120/240 VAC 30 VDC. 1/16HP (2.8Amp FLA), 120 VAC. Pilot duty - 5 Amp Make, 1/2Amp Break, 3 Amp Continuous, 120VAC 4PDT- 3 Amps @ 120/240 VAC, 30VDC, 1/10HP 120/240 VAC, C300 Pilot Duty. 4PDT- 5 Amps @ 120/240 VAC, 30VDC, 1/6 HP 120/240 VAC, C300 Pilot Duty.

DIELECTRIC STRENGTH

Coil To Frame:	1500 V rms
Across Open Contacts:	1000 V rms
Contacts To Frame:	1500 V rms
Insulation Resistance:	100 Megohms @ 500 VDC

TEMPERATURE

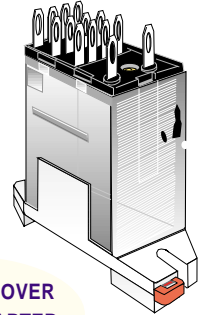
Operating:	-40°C to +70°C
Storage:	-40°C to +105°C

LIFE EXPECTANCY

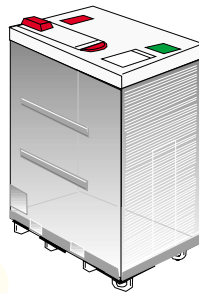
Electrical:	200,000 Operations @ Rated Resistive Load.
Mechanical:	10,000,000 Operations @ No Load.

MISCELLANEOUS

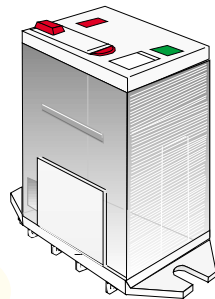
Operating Position:	Any.
Insulation Material	Molded Plastic.
Enclosure:	Polycarbonate Dust Cover.
Weight:	36 g Approx.



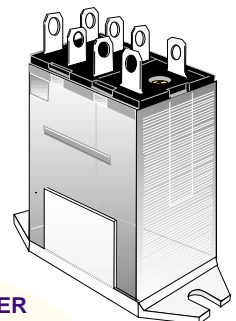
STANDARD COVER
WITH DIN ADAPTER
16-782C



STANDARD
COVER



STANDARD COVER
WITH FLANGE ADAPTER
ON BOTTOM
16-782C1



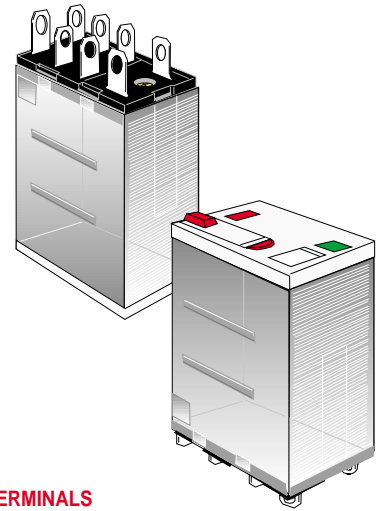
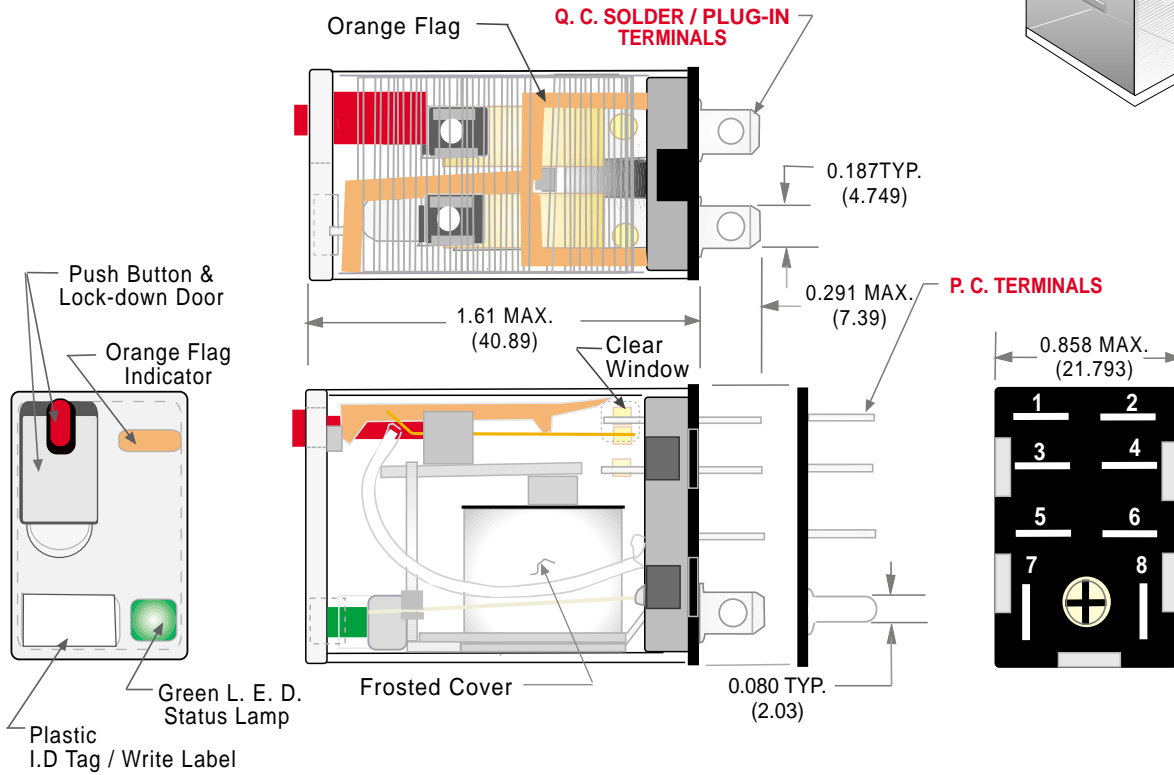
STANDARD COVER
WITH FLANGE ADAPTER
ON TOP
16-782C1

SERIES 782XB

DPDT 10 AMP MINIATURE POWER RELAY

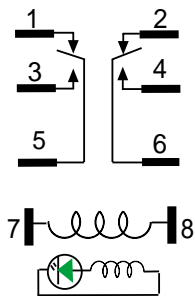
OUTLINE DIMENSIONS

DIMENSIONS SHOWN IN INCHES & (MILLIMETERS).

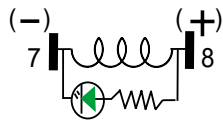


WIRING DIAGRAM

(VIEWED FROM PIN END)



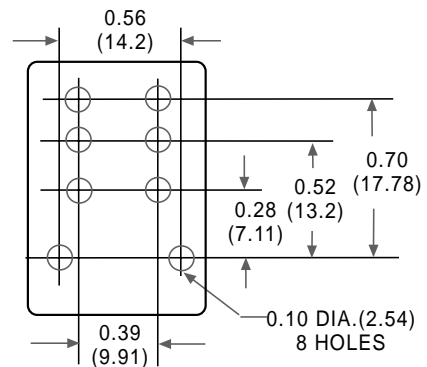
AC STYLES



DC STYLES

P.C. MOUNTING HOLE LAYOUT

(BOTTOM VIEW)



MANUFACTURED UNDER
ISO 9002 & QS 9000

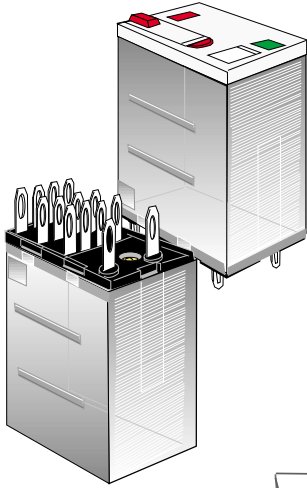
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File No. E43641



OBSERVE POLARITY WHEN L.E.D. STATUS LAMP IS
INSTALLED ACROSS COIL. (DC STYLES TYPICAL.)

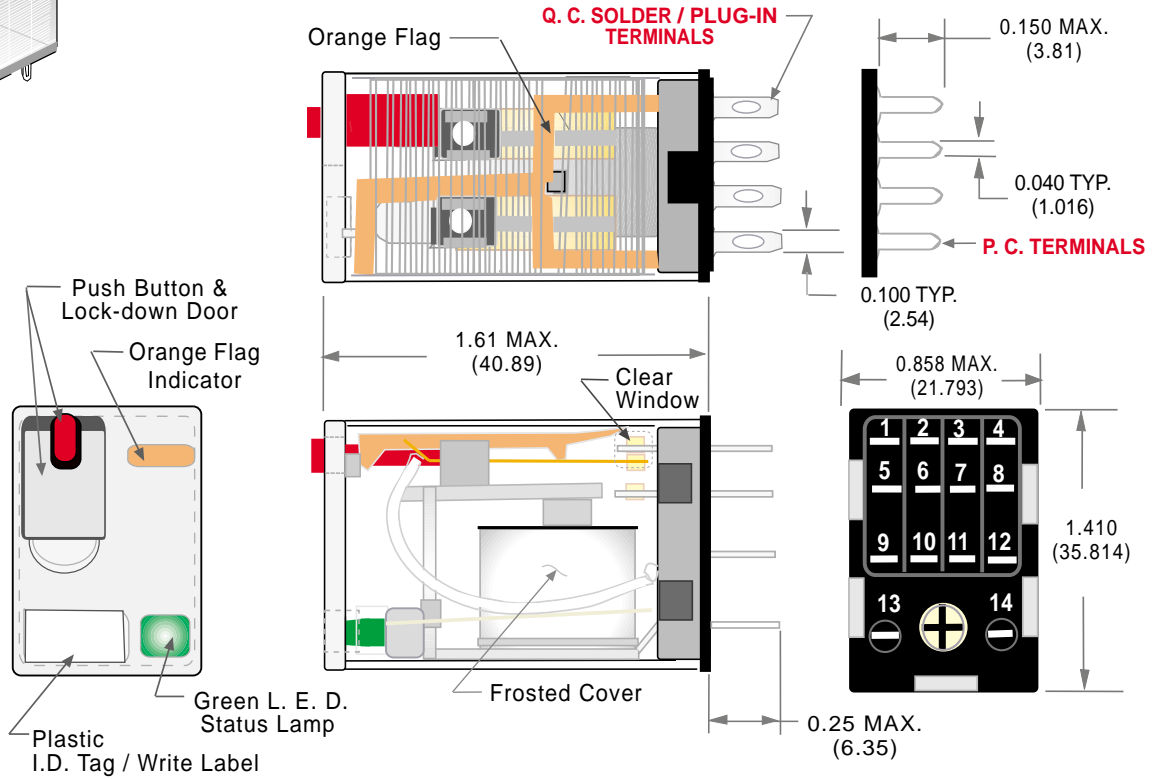
SERIES 782XDX

4PDT 3 & 5 AMP MINIATURE POWER RELAY



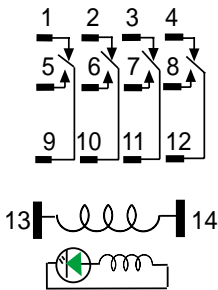
OUTLINE DIMENSIONS

DIMENSIONS SHOWN IN INCHES & (MILLIMETERS).

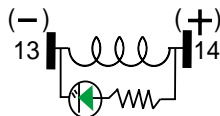


WIRING DIAGRAM

(VIEWED FROM PIN END)



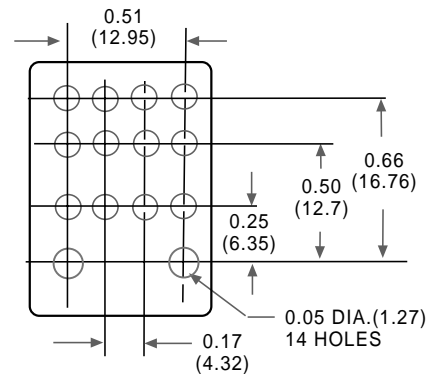
AC STYLES



DC STYLES

P.C. MOUNTING HOLE LAYOUT

(BOTTOM VIEW)



OBSERVE POLARITY WHEN L.E.D. STATUS LAMP IS INSTALLED ACROSS COIL. (DC STYLES TYPICAL.)

UL US
UL Recognized
File No. E43641



MANUFACTURED UNDER
ISO 9002 & QS 9000

SERIES 70-

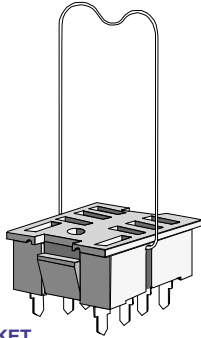
DPDT & 4PDT SOCKETS



UL Recognized
File No. E70550



PENDING



70 - 402 - 1

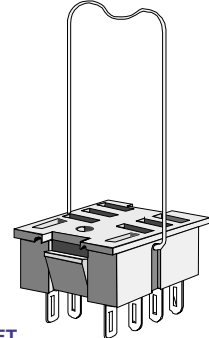
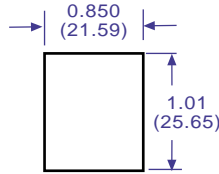
P.C. TERMINAL SOCKET

UL RATED 10 AMPS, 300V

MATES WITH RELAY 782XBX

16 -1329 HOLD DOWN CLIP ORDERED SEPARATELY.

70-401-1 RECOMMENDED CHASSIS CUTOUT



70 - 401 - 1

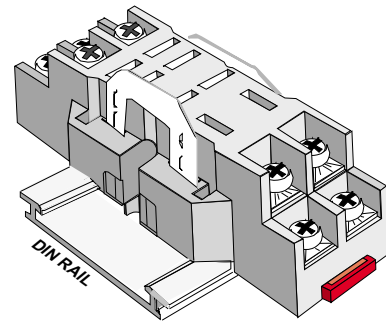
CHASSIS MOUNT

SOLDER TERMINAL SOCKET

UL RATED 10 AMPS, 300V

MATES WITH RELAY 782XBX

16 -1329 HOLD DOWN CLIP ORDERED SEPARATELY.



70 - 459 - 1

PANEL / DIN MOUNT SOCKET

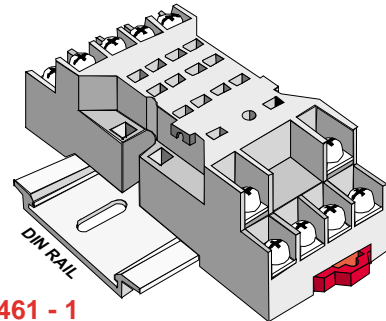
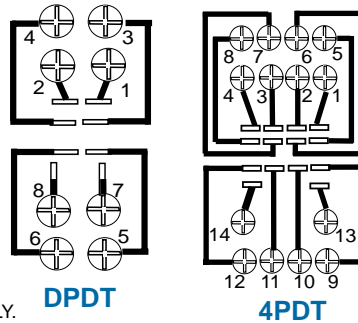
UL RATED 10 AMPS, 300V

MATES WITH RELAY 782XBX

16 -1329 HOLD DOWN CLIP ORDERED SEPARATELY.

WIRING DIAGRAMS

(TOP VIEW)



70 - 461 - 1

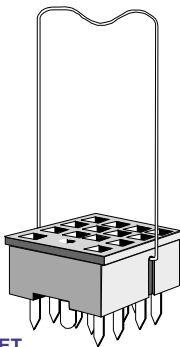
PANEL / DIN RAIL MOUNT SOCKET

UL RATED 10 AMPS, 300V

MATES WITH RELAY 782XDXH & 782XDX

16 -1328 HOLD DOWN CLIP ORDERED SEPARATELY FOR 782XDXH

16 -1329 HOLD DOWN CLIP ORDERED SEPARATELY FOR 782XDX.



70 - 379 - 1

P.C. TERMINAL SOCKET

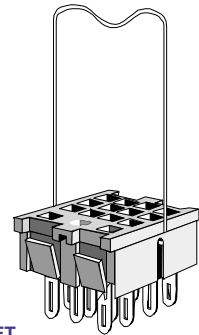
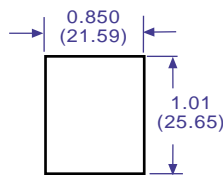
UL RATED 5 AMPS, 300V

MATES WITH RELAY 782XDXH & 782XDX

16 -1328 HOLD DOWN CLIP ORDERED SEPARATELY FOR 782XDXH

16 -1329 HOLD DOWN CLIP ORDERED SEPARATELY FOR 782XDX.

70-378-1 RECOMMENDED CHASSIS CUTOUT



70 - 378 - 1

CHASSIS MOUNT

SOLDER TERMINAL SOCKET

UL RATED 5 AMPS, 300V

MATES WITH RELAY 782XDXH & 782XDX

16 -1328 HOLD DOWN CLIP ORDERED SEPARATELY FOR 782XDXH

16 -1329 HOLD DOWN CLIP ORDERED SEPARATELY FOR 782XDX.

PART NUMBERS	STYLES	PART NUMBERS	STYLES
70 - 402 - 1	P. C. TERMINAL	70 - 461 - 1	SCREW TERMINAL
70 - 401 - 1	SOLDER TERMINAL	70 - 379 - 1	P. C. TERMINAL
70 - 459 - 1	SCREW TERMINAL	70 - 378 - 1	SOLDER TERMINAL