



ENGINEERING SPECIFICATION

INSTALLATION INSTRUCTION SHEETS

1.0 SCOPE

This specification consists of installation instructions for wire taps.

2.0 PURPOSE

To clarify installation instructions for end users of wire taps.

3.0 REFERENCE MATERIAL NUMBERS

See page 2 for the actual instruction sheets. This page can be used as originals when cut into fourths.

4.0 DEFINITIONS

Not applicable.

5.0 PROCEDURES

Place one (1) instruction sheet (1/4 of next sheet) in the smallest unit container.

6.0 IMPLEMENTATION

August 10, 2010

REVISION:	ECR/ECN INFORMATION:	TITLE:		SHEET No.
B	EC No: 715017 DATE: 2022 / 07 / 20	WIRE TAP INSTALLATION INSTRUCTIONS 22 THROUGH 12 AWG WIRE		1 of 2
DOCUMENT NUMBER:		CREATED / REVISED BY:	CHECKED BY:	APPROVED BY:
SD-19216-008		ETHRODAHL/ DMYRICK	JMACNEIL	JMACNEIL
TEMPLATE FILENAME: ENGINEERING_SPEC[SIZE_A](V.1).DOC				

Engineering P/N	Wire Range
WT-2218	22-18 AWG
WT-1814	18-14 AWG
WT-12	12 AWG

For use with only stranded copper wire and copper alloy tabs 600V, 105°C

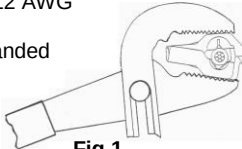


Fig.1

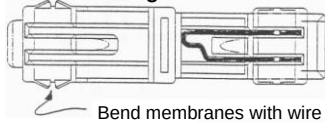
For 22-16 AWG wires, refer to Fig. 1

1. Insert the correct size wire properly into the connector.
2. Position the connector into the tongue-and-groove pliers as shown and carefully squeeze until the latch engages.

For 14-12 AWG wires, refer to Fig. 2, 3, and 1.

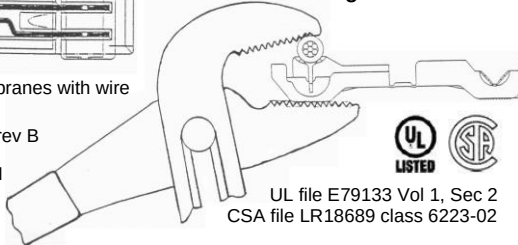
1. Bend the wire support membranes outward with wire (Fig.2)
2. Place the correct size wire into the nest of the metal and gently squeeze the wire into position with tongue-and-groove pliers without distorting (flattening) the wire insulation (Fig.3).
3. Position the connector into the tongue-and-groove pliers as shown and carefully squeeze until the latch engages (Fig.1).

Fig. 2



Bend membranes with wire

Fig. 3



Lit p/n 192160127, rev B

4650 62nd Avenue N
Pinellas Park, FL
33781

UL file E79133 Vol 1, Sec 2
CSA file LR18689 class 6223-02

Engineering P/N	Wire Range
WT-2218	22-18 AWG
WT-1814	18-14 AWG
WT-12	12 AWG

For use with only stranded copper wire and copper alloy tabs 600V, 105°C

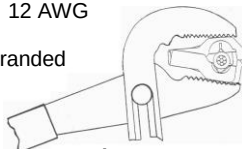


Fig.1

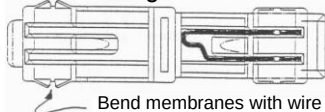
For 22-16 AWG wires, refer to Fig. 1

1. Insert the correct size wire properly into the connector.
2. Position the connector into the tongue-and-groove pliers as shown and carefully squeeze until the latch engages.

For 14-12 AWG wires, refer to Fig. 2, 3, and 1.

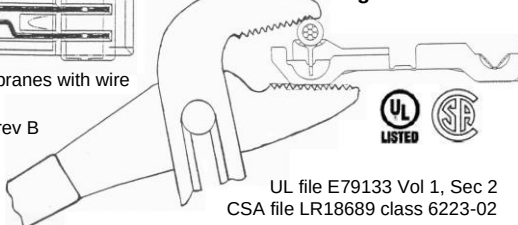
1. Bend the wire support membranes outward with wire (Fig.2)
2. Place the correct size wire into the nest of the metal and gently squeeze the wire into position with tongue-and-groove pliers without distorting (flattening) the wire insulation (Fig.3).
3. Position the connector into the tongue-and-groove pliers as shown and carefully squeeze until the latch engages (Fig.1).

Fig. 2



Bend membranes with wire

Fig. 3



Lit p/n 192160127, rev B

4650 62nd Avenue N
Pinellas Park, FL
33781

UL file E79133 Vol 1, Sec 2
CSA file LR18689 class 6223-02

NOTICE

OPTIMAL STORAGE CONDITION
Store in climate controlled environment
23-25°C (73-77°F)
50% minimum relative humidity

Engineering P/N	Wire Range
WT-2218	22-18 AWG
WT-1814	18-14 AWG
WT-12	12 AWG

For use with only stranded copper wire and copper alloy tabs 600V, 105°C

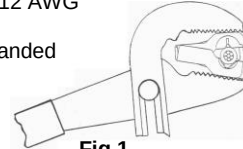


Fig.1

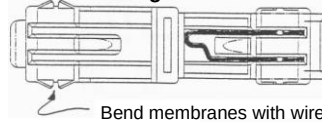
For 22-16 AWG wires, refer to Fig. 1

1. Insert the correct size wire properly into the connector.
2. Position the connector into the tongue-and-groove pliers as shown and carefully squeeze until the latch engages.

For 14-12 AWG wires, refer to Fig. 2, 3, and 1.

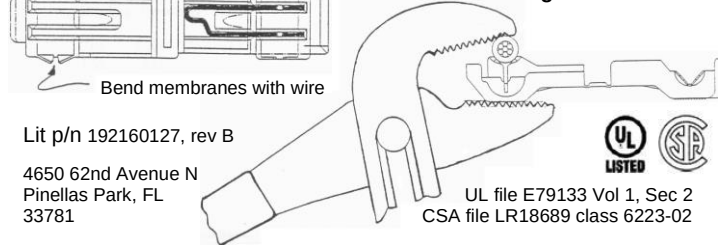
1. Bend the wire support membranes outward with wire (Fig.2)
2. Place the correct size wire into the nest of the metal and gently squeeze the wire into position with tongue-and-groove pliers without distorting (flattening) the wire insulation (Fig.3).
3. Position the connector into the tongue-and-groove pliers as shown and carefully squeeze until the latch engages (Fig.1).

Fig. 2



Bend membranes with wire

Fig. 3



Lit p/n 192160127, rev B

4650 62nd Avenue N
Pinellas Park, FL
33781

UL file E79133 Vol 1, Sec 2
CSA file LR18689 class 6223-02

Engineering P/N	Wire Range
WT-2218	22-18 AWG
WT-1814	18-14 AWG
WT-12	12 AWG

For use with only stranded copper wire and copper alloy tabs 600V, 105°C

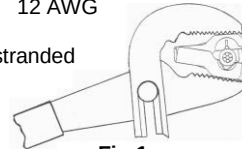


Fig.1

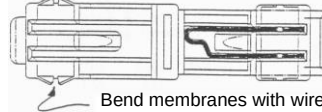
For 22-16 AWG wires, refer to Fig. 1

1. Insert the correct size wire properly into the connector.
2. Position the connector into the tongue-and-groove pliers as shown and carefully squeeze until the latch engages.

For 14-12 AWG wires, refer to Fig. 2, 3, and 1.

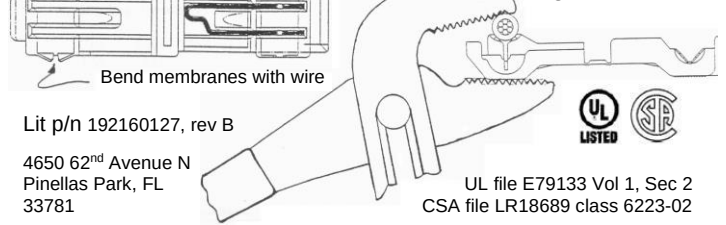
1. Bend the wire support membranes outward with wire (Fig.2)
2. Place the correct size wire into the nest of the metal and gently squeeze the wire into position with tongue-and-groove pliers without distorting (flattening) the wire insulation (Fig.3).
3. Position the connector into the tongue-and-groove pliers as shown and carefully squeeze until the latch engages (Fig.1).

Fig. 2



Bend membranes with wire

Fig. 3



Lit p/n 192160127, rev B

4650 62nd Avenue N
Pinellas Park, FL
33781

UL file E79133 Vol 1, Sec 2
CSA file LR18689 class 6223-02

NOTICE

OPTIMAL STORAGE CONDITION
Store in climate controlled environment
23-25°C (73-77°F)
50% minimum relative humidity