

Polaris Sales Co., Inc.  
11625 Prosperous Drive  
Odessa, FL 33556

### Assembly of Connectors

Wire insulation must be stripped in accordance with the Standard Connector Strip Length Chart below. The wire insulation on a properly installed connector must be inside the insulated conductor port no less than 3/8 inch.

Pressure screws **MUST** be secured at the torque value given on the Torque Chart corresponding to the wire size and connector size shown on the reverse side of this page. The UL listing is for Aluminum or Copper stranded wire only, 600 Volts maximum for building wiring and 1000 volts maximum for signs or luminaries. The connector and insulation temperature rating is 90°C\*. A properly installed connector will have no more than one conductor per port.

#### Strip Length Chart

##### Connector Size Length (in)

750H	3 1/4
ISRH 750	2 5/16
750	2
600	1- 5/8
500	1- 5/8
350	1- 3/8
250	1- 1/4
ISR 250	1- 1/8
3/0	1
1/0	7/8
#4	11/16

### Installation of Mounting Connectors

When installing Mounting Connectors, the Bolt Diameter Chart must be followed for the appropriate bolt size. Torque on mounting bolts must NOT exceed 80 inch pounds.

#### Bolt Diameter-Mounting Connectors (Insulated)

##### Connector Size Diameter (in)

750	5/16
600	5/16
500	5/16
350	5/16
250	5/16
3/0	1/4
1/0	1/4
#4	3/16

#### Bolt Diameter-Mounting Connectors (**Un**insulated)

##### Connector Size Diameter (in)

750	7/16
600	3/8
500	3/8
350	3/8
250	3/8
3/0	3/8
1/0	3/8
#4	5/16

\* 600 rating is 75°C