

- Strip wire insulation in accordance with Chart 1 below.
- If oxidation is present, use a wire brush to clean the conductor.
- Connector is pre-filled with an oxide inhibitor gel.
- Insert each conductor into a different connector port.

NOTE: Wire insulation on a properly installed conductor must extend at least 3/8" into the connector port.

Secure pressure screws per the torque value given in Chart 2 below.

Connector sizes 2/0 to 750 MCM are suitable for use on the line side of the service equipment per NEC 230.46 requirements.

1: WIRE INSTALLATION

CONNECTOR SIZE	HEX SIZE	MOUNTING BOLT DIAMETER (IN)	STRIP LENGTH (IN)
#4	1/8"	3/16"	11/16"
#2	5/32"	3/16"	11/16"
1/0	3/16"	1/4"	1-1/16"
2/0	3/16"	1/4"	1-1/16"
3/0	1/4"	1/4"	1-1/8"
250*	5/16"	5/16"	1-3/8"
350*	5/16"	5/16"	1-1/2"
500*	5/16"	5/16"	1-3/4"
600*	5/16"	5/16"	2"
750	3/8"	5/16"	2"
ISRH 750	5/16"	N/A	2-1/2"
750H*	5/16"	5/16"	3-3/8"

*Parallel Rated for up to four (4) parallel conductors for higher amperage needs.

When installing Mountable Connectors, use the chart above to select the appropriate mounting bolt, Torque on mounting bolts must not exceed 80 inch pounds.

2: TORQUE VALUES

WIRE RANGE (MCM/AWG)	CONNECTOR SIZE									
	750	600	500	350	250	3/0	2/0	1/0	#2	#4
750 - 600	550	550								
500	550	450	450							
400	550	450	450							
350	550	400	400	400						
250	550	360	360	360	360					
4/0 - 3/0	550	250	250	250	250	250				
2/0	550	180	180	180	180	180	120			
1/0	550	180	180	180	180	180	80	80		
#1		150	150	150	150	150	65	65		
#2 - #3		150	150	150	150	150	65	65	65	
#4 - #6		150	110	110	110	110	55	55	35	35
#8				75			45	45	25	25
#10 - #14				35			25	25	15	15

Use the torque value corresponding to the wire size and connector size shown in the appropriate installation instruction. Not recommended for use with fine-stranded, flexible wire. For fine-stranded, flexible wire, contact your distributor regarding Polaris Grey. A PROPERLY INSTALLED CONNECTOR WILL HAVE NO MORE THAN ONE CONDUCTOR PER PORT.

