POLARIS®

INSTALLATION INSTRUCTIONS BLACK & VISION TAP®

- 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.



1: WIRE INSTALLATION

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

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

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

©2025 NSI Industries
POL_BLK-VT_MCH_ProdInstall
04/16/2025

NSI INDUSTRIES
800.321.5847
NSIINDUSTRIES.COM