

# POLARIS™

## Pre-Insulated Connectors

### Multi-Conductor Connector, One Side Wire Entry IPL Series



#### SPECIFICATIONS

- UL Listed 486B Wire Connector (Dry location).
- **Temperature Rating/Voltage:** AL9CU.  
Cold temperature rated to -45 °C, rated 600V, 90 °C.
- **Wire Type:** Dual rated for use with copper and/or aluminum cables.  
Not for fine-stranded, flexible wire.
- **Torque Chart:** See page 34.

#### FEATURES

- Wire entry ports on one side only.
- Eliminates the need for cover and taping.
- Insulated with high-dielectric strength plastisol.
- Molded for precise fit and supplied with removable access plugs over the hex screws.
- Abrasion and chemical resistant.
- UV resistant.
- Will not support combustion.

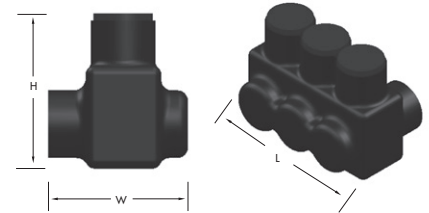


Figure varies by number of wire ports.

CAT. NO.	NO. OF PORTS	WIRE RANGE	LENGTH (L) (IN.)	WIDTH (W) (IN.)	HEIGHT (H) (IN.)	MAX. TORQUE VALUE (IN./LBS.)	HEX/WRENCH SIZE (IN.)	STD. CTN. QTY.
IPL4-3	3	4-14 AWG	1.550	1.188	1.375	45	Slotted	12
IPL4-3A	3	4-14 AWG	1.550	1.188	1.375	45	1/8	12
IPL4-4	4	4-14 AWG	1.970	1.188	1.375	45	Slotted	6
IPL4-4A	4	4-14 AWG	1.970	1.188	1.375	45	1/8	6
IPL4-5	5	4-14 AWG	2.390	1.188	1.375	45	Slotted	6
IPL4-6	6	4-14 AWG	2.810	1.188	1.375	45	Slotted	6
IPL4-8	8	4-14 AWG	3.660	1.188	1.375	45	Slotted	4
IPL4-8A	8	4-14 AWG	3.660	1.188	1.375	45	1/8	4
IPL4-10	10	4-14 AWG	4.500	1.188	1.375	45	Slotted	4
IPL4-12	12	4-14 AWG	5.100	1.188	1.375	45	Slotted	2
IPL4-14	14	4-14 AWG	6.180	1.188	1.375	180	Slotted	2
IPL1/0-3	3	1/0-14 AWG	2.240	1.500	1.688	180	3/16	6
IPL1/0-4	4	1/0-14 AWG	2.890	1.500	1.688	180	3/16	6
IPL1/0-5	5	1/0-14 AWG	3.540	1.500	1.688	180	3/16	6
IPL1/0-6	6	1/0-14 AWG	4.190	1.500	1.688	180	3/16	4
IPL1/0-8	8	1/0-14 AWG	5.490	1.500	1.688	180	3/16	4
IPL1/0-10	10	1/0-14 AWG	6.820	1.500	1.688	180	3/16	3
IPL1/0-12	12	1/0-14 AWG	8.120	1.500	1.688	180	3/16	2
IPL1/0-14	14	1/0-14 AWG	9.420	1.500	1.688	250	3/16	2
IPL3/0-3	3	3/0-6 AWG	2.630	1.600	1.800	250	5/16	6
IPL3/0-4	4	3/0-6 AWG	3.410	1.600	1.800	250	5/16	4
IPL3/0-5	5	3/0-6 AWG	4.190	1.600	1.800	250	5/16	4
IPL3/0-6	6	3/0-6 AWG	4.970	1.600	1.800	250	5/16	3
IPL3/0-8	8	3/0-6 AWG	6.530	1.600	1.800	250	5/16	3

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## Pre-Insulated Connectors

### Multi-Conductor Connector, One Side Wire Entry IPL Series Cont'd



#### SPECIFICATIONS

- UL Listed 486B Wire Connector (Dry location).
- **Temperature Rating/Voltage:** AL9CU.  
Cold temperature rated to -45 °C, rated 600V, 90 °C.
- **Wire Type:** Dual rated for use with copper and/or aluminum cables.  
Not for fine-stranded, flexible wire.
- **Torque Chart:** 34.

#### FEATURES

- Wire entry ports on one side only.
- Eliminates the need for cover and taping.
- Insulated with high-dielectric strength plastisol.
- Molded for precise fit and supplied with removable access plugs over the hex screws.
- Abrasion and chemical resistant.
- UV resistant.
- Will not support combustion.

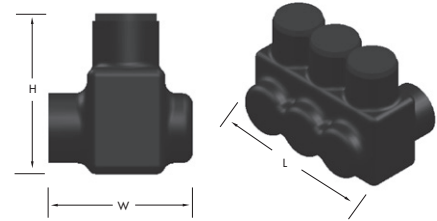


Figure varies by number of wire ports.

CAT. NO.	CERTIFICATION	NO. OF PORTS	WIRE RANGE	COPPER CONDUCTOR MAX. AMPS	ALUMINUM CONDUCTOR MAX. AMPS	LENGTH (L) (IN.)	WIDTH (W) (IN.)	HEIGHT (H) (IN.)	MAX. TORQUE VALUE (IN./LBS.)	HEX/WRENCH SIZE (IN.)	STD. CTN. QTY.
IPL250-3	cULus	3	250 MCM-6 AWG	—	—	2.930	2.030	2.180	360	5/16	6
IPL250-4*	cULus	4	250 MCM-6 AWG	527A	410 A	3.800	2.030	2.180	360	5/16	4
IPL250-5	cULus	5	250 MCM-6 AWG	—	—	4.660	2.030	2.180	360	5/16	4
IPL250-6*	cULus	6	250 MCM-6 AWG	790 A	615 A	5.220	2.030	2.180	360	5/16	3
IPL250-8*	cULus	8	250 MCM-6 AWG	1053 A	820 A	7.240	2.030	2.180	360	5/16	4
IPL350-3	cULus	3	350 MCM-6 AWG	—	—	3.470	2.130	2.460	400	5/16	3
IPL350-4*	cULus	4	350 MCM-6 AWG	657 A	514 A	4.540	2.130	2.460	400	5/16	3
IPL350-5	cULus	5	350 MCM-6 AWG	—	—	5.570	2.130	2.460	400	5/16	2
IPL350-6*	cULus	6	350 MCM-6 AWG	985 A	770 A	6.620	2.130	2.460	400	5/16	2
IPL350-8*	cULus	8	350 MCM-6 AWG	1314 A	1028 A	8.720	2.130	2.460	400	5/16	3
IPL500-3	cULus	3	500 MCM-4 AWG	—	—	3.960	2.500	2.940	450	5/16	3
IPL500-4*	cULus	4	500 MCM-4 AWG	806 A	631 A	5.110	2.500	2.940	450	5/16	2
IPL500-5	cULus	5	500 MCM-4 AWG	—	—	6.250	2.500	2.940	450	5/16	2
IPL500-6*	cULus	6	500 MCM-4 AWG	1209 A	946 A	7.400	2.500	2.940	450	5/16	2
IPL500-7	cULus	7	500 MCM-4 AWG	—	—	8.590	2.500	2.940	450	5/16	2
IPL500-8*	cULus	8	500 MCM-4 AWG	1612 A	1262 A	9.690	2.500	2.940	450	5/16	3
IPL600-3	cULus	3	600 MCM-6 AWG	—	—	4.470	2.710	3.020	550	5/16	2
IPL600-4*	cULus	4	600 MCM-6 AWG	1035 A	810 A	5.770	2.710	3.020	550	5/16	2
IPL600-6*	cULus	6	600 MCM-6 AWG	1554 A	1215 A	8.370	2.710	3.020	550	5/16	3
IPL750-3	—	3	750-250 MCM	—	—	4.950	3.090	3.490	550	3/8	2
IPL750-4	—	4	750-250 MCM	—	—	6.380	3.090	3.490	550	3/8	1
IPL750-5	—	5	750-250 MCM	—	—	7.800	3.090	3.490	550	3/8	1
IPL750-6	—	6	750-250 MCM	—	—	9.230	3.090	3.490	550	3/8	1



\*An "Industry First" by providing a UL Listed 486A/B connector with code compliant and UL Listed maximum ampacity for Copper and Aluminum parallel conductors.