

POLARIS™ Pre-Insulated Connectors

Multi-Conductor Connector Either Side Wire Entry IPLD 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:** 34.

FEATURES

- Wire entry ports on both sides of the connector allow for access from either side.
- 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.
- Supplied with removable plugs to close the entry port not being utilized.
- Abrasion and chemical resistant.
- UV resistant.
- Will not support combustion.

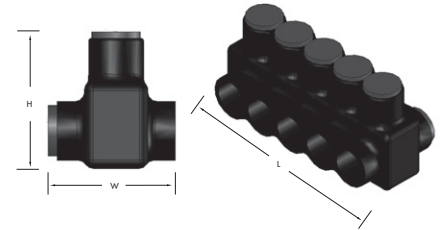


Figure varies by number of wire ports.

| CAT. NO. | 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. |
|------------|--------------|---------------|----------------------------|------------------------------|------------------|-----------------|------------------|------------------------------|-----------------------|----------------|
| IPLD3/0-3 | 3 | 3/0-6 AWG | — | — | 2.630 | 1.830 | 1.790 | 250 | 1/4 | 6 |
| IPLD3/0-4 | 4 | 3/0-6 AWG | — | — | 3.410 | 1.830 | 1.790 | 250 | 1/4 | 6 |
| IPLD3/0-5 | 5 | 3/0-6 AWG | — | — | 4.190 | 1.830 | 1.790 | 250 | 1/4 | 4 |
| IPLD3/0-6 | 6 | 3/0-6 AWG | — | — | 4.970 | 1.830 | 1.790 | 250 | 1/4 | 4 |
| IPLD3/0-7 | 7 | 3/0-6 AWG | — | — | 5.750 | 1.830 | 1.790 | 250 | 1/4 | 3 |
| IPLD3/0-8 | 8 | 3/0-6 AWG | — | — | 6.530 | 1.830 | 1.790 | 250 | 1/4 | 3 |
| IPLD3/0-10 | 10 | 3/0-6 AWG | — | — | 8.090 | 1.830 | 1.790 | 250 | 1/4 | 2 |
| IPLD3/0-12 | 12 | 3/0-6 AWG | — | — | 9.70 | 1.830 | 1.790 | 250 | 1/4 | 2 |
| IPLD250-3 | 3 | 250 MCM-6 AWG | — | — | 2.930 | 2.280 | 2.180 | 360 | 5/16 | 6 |
| IPLD250-4* | 4 | 250 MCM-6 AWG | 527 A | 410 A | 3.800 | 2.280 | 2.180 | 360 | 5/16 | 6 |
| IPLD250-5 | 5 | 250 MCM-6 AWG | — | — | 4.660 | 2.280 | 2.180 | 360 | 5/16 | 4 |
| IPLD250-6* | 6 | 250 MCM-6 AWG | 790 A | 615 A | 5.520 | 2.280 | 2.180 | 360 | 5/16 | 4 |
| IPLD250-7 | 7 | 250 MCM-6 AWG | — | — | 6.380 | 2.280 | 2.180 | 360 | 5/16 | 3 |
| IPLD250-8* | 8 | 250 MCM-6 AWG | 1053 A | 820 A | 7.240 | 2.280 | 2.180 | 360 | 5/16 | 3 |
| IPLD250-10 | 10 | 250 MCM-6 AWG | — | — | 8.970 | 2.280 | 2.180 | 360 | 5/16 | 2 |
| IPLD250-12 | 12 | 250 MCM-6 AWG | — | — | 10.740 | 2.280 | 2.180 | 360 | 5/16 | 2 |
| IPLD350-3 | 3 | 350 MCM-6 AWG | — | — | 3.520 | 2.410 | 2.610 | 400 | 5/16 | 3 |
| IPLD350-4* | 4 | 350 MCM-6 AWG | 657 A | 514 A | 4.570 | 2.410 | 2.610 | 400 | 5/16 | 3 |
| IPLD350-5 | 5 | 350 MCM-6 AWG | — | — | 5.620 | 2.410 | 2.610 | 400 | 5/16 | 3 |
| IPLD350-6* | 6 | 350 MCM-6 AWG | 985 A | 770 A | 6.670 | 2.410 | 2.610 | 400 | 5/16 | 3 |
| IPLD350-7 | 7 | 350 MCM-6 AWG | — | — | 7.720 | 2.410 | 2.610 | 400 | 5/16 | 2 |
| IPLD350-8* | 8 | 350 MCM-6 AWG | 1314 A | 1028 A | 8.770 | 2.410 | 2.610 | 400 | 5/16 | 2 |
| IPLD350-9 | 9 | 350 MCM-6 AWG | — | — | 9.820 | 2.410 | 2.610 | 400 | 5/16 | 2 |
| IPLD350-10 | 10 | 350 MCM-6 AWG | — | — | 10.870 | 2.410 | 2.610 | 400 | 5/16 | 2 |
| IPLD350-12 | 12 | 350 MCM-6 AWG | — | — | 12.970 | 2.410 | 2.610 | 400 | 5/16 | 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.

POLARIS™

Pre-Insulated Connectors

Multi-Cable Blocks Either Side Wire Entry IPLD Series Cnt'd



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- **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.
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- Eliminates the need for cover and taping.
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- Supplied with removable plugs to close the entry port not being utilized.
- Abrasion, chemical and UV resistant.
- Will not support combustion.

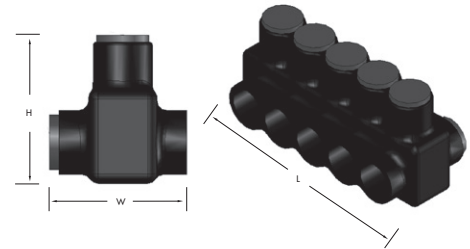


Figure varies by number of wire ports.

| 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. |
|------------|---------------|--------------|---------------|----------------------------|------------------------------|------------------|-----------------|------------------|------------------------------|-----------------------|----------------|
| IPLD500-3 | cULus | 3 | 500 MCM-4 AWG | — | — | 4.010 | 2.830 | 2.910 | 450 | 5/16 | 3 |
| IPLD500-4* | cULus | 4 | 500 MCM-4 AWG | 806A | 631 A | 5.240 | 2.830 | 2.910 | 450 | 5/16 | 3 |
| IPLD500-5 | cULus | 5 | 500 MCM-4 AWG | — | — | 6.380 | 2.830 | 2.910 | 450 | 5/16 | 2 |
| IPLD500-6* | cULus | 6 | 500 MCM-4 AWG | 1209 A | 946 A | 7.520 | 2.830 | 2.910 | 450 | 5/16 | 2 |
| IPLD500-7 | cULus | 7 | 500 MCM-4 AWG | — | — | 8.670 | 2.830 | 2.910 | 450 | 5/16 | 2 |
| IPLD500-8* | cULus | 8 | 500 MCM-4 AWG | 1612 A | 1262 A | 9.820 | 2.830 | 2.910 | 450 | 5/16 | 2 |
| IPLD500-9 | cULus | 9 | 500 MCM-4 AWG | — | — | 10.880 | 2.830 | 2.910 | 450 | 5/16 | 2 |
| IPLD500-10 | cULus | 10 | 500 MCM-4 AWG | — | — | 12.110 | 2.830 | 2.910 | 450 | 5/16 | 1 |
| IPLD500-12 | cULus | 12 | 500 MCM-4 AWG | — | — | 14.400 | 2.830 | 2.910 | 450 | 5/16 | 1 |
| IPLD600-3 | cULus | 3 | 600 MCM-6 AWG | — | — | 4.550 | 2.960 | 3.030 | 550 | 5/16 | 3 |
| IPLD600-4* | cULus | 4 | 600 MCM-6 AWG | 1035 A | 810 A | 5.850 | 2.960 | 3.030 | 550 | 5/16 | 3 |
| IPLD600-5 | cULus | 5 | 600 MCM-6 AWG | — | — | 7.150 | 2.960 | 3.030 | 550 | 5/16 | 2 |
| IPLD600-6* | cULus | 6 | 600 MCM-6 AWG | 1554 A | 1215 A | 8.450 | 2.960 | 3.030 | 550 | 5/16 | 2 |
| IPLD600-7 | cULus | 7 | 600 MCM-6 AWG | — | — | 9.750 | 2.960 | 3.030 | 550 | 5/16 | 2 |
| IPLD600-8* | cULus | 8 | 600 MCM-6 AWG | 2070 A | 1620 A | 11.050 | 2.960 | 3.030 | 550 | 5/16 | 2 |
| IPLD600-9 | cULus | 9 | 600 MCM-6 AWG | — | — | 12.390 | 2.960 | 3.030 | 550 | 5/16 | 1 |
| IPLD600-10 | cULus | 10 | 600 MCM-6 AWG | — | — | 13.650 | 2.960 | 3.030 | 550 | 5/16 | 1 |
| IPLD600-12 | cULus | 12 | 600 MCM-6 AWG | — | — | 16.250 | 2.960 | 3.030 | 550 | 5/16 | 1 |
| IPLD750-3 | — | 3 | 750-250 MCM | — | — | 4.950 | 3.410 | 3.420 | 550 | 3/8 | 3 |
| IPLD750-4 | — | 4 | 750-250 MCM | — | — | 6.380 | 3.410 | 3.420 | 550 | 3/8 | 2 |
| IPLD750-5 | — | 5 | 750-250 MCM | — | — | 7.800 | 3.410 | 3.420 | 550 | 3/8 | 1 |
| IPLD750-6 | — | 6 | 750-250 MCM | — | — | 9.230 | 3.410 | 3.420 | 550 | 3/8 | 1 |
| IPLD750-7 | — | 7 | 750-250 MCM | — | — | 10.650 | 3.410 | 3.420 | 550 | 3/8 | 1 |
| IPLD750-8 | — | 8 | 750-250 MCM | — | — | 12.080 | 3.410 | 3.420 | 550 | 3/8 | 1 |
| IPLD750-9 | — | 9 | 750-250 MCM | — | — | 13.690 | 3.410 | 3.420 | 550 | 3/8 | 1 |
| IPLD750-10 | — | 10 | 750-250 MCM | — | — | 14.930 | 3.410 | 3.420 | 550 | 3/8 | 1 |
| IPLD750-12 | — | 12 | 750-250 MCM | — | — | 17.780 | 3.410 | 3.420 | 550 | 3/8 | 1 |



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