

POLARIS™

The Original is Still the Best.



INTRODUCING

VISION TAP™

INSULATED MULTI-TAP CONNECTORS

FEATURES + BENEFITS

- Clear design allows for optimal conductor placement and a more secure connection
- Smooth exterior finish and rounded corners provide a more comfortable grip for maximum torque
- Removable plugs ensure secure entry port closure while preventing debris from entering connector
- Pre-filled with oxide inhibitor to prevent corrosion and provide a low-contact resistance connection
- Multiple UL Listed parallel configurations tested at maximum ampacities for parallel runs



SINGLE-SIDE
ENTRY



DUAL-SIDE
ENTRY



OFF-SET
ENTRY



IN-LINE
ENTRY

WIRE CONNECTOR



UL 486A-486B

PRODUCT SPECIFICATIONS



WIRE TYPE

Use with Class B and C conductors

Dual-rated for use with copper and/or aluminum conductors

MATERIAL

Insulated with high dielectric strength plastisol for increased chemical and abrasion protection

6061-T6 aluminum alloy

LOCATION

Dry locations only

TEMPERATURE

Cold temperature rated to -45°C

SPECIFICATIONS

AL9CU, 90°C, 600V max



UL 486A-486B

SINGLE-SIDE ENTRY

Catalog Number	Wire Range (MCM/AWG)	Ports	Length (In.)	Width (In.)	Height (In.)	Max Torque (In./Lbs)	Hex Key (In.)
IT-4C	4-14	2	1.120	1.180	1.380	45	1/8
IPL4-3C		3	1.550	1.188	1.375	45	1/8
IPL4-4C		4	1.970	1.188	1.375	45	1/8
IPL4-5C		5	2.390	1.188	1.375	45	1/8
IPL4-6C		6	2.810	1.188	1.375	45	1/8
IT-1/0C	1/0-14	2	1.620	1.620	1.750	180	3/16
IPL1/0-3C		3	2.240	1.500	1.688	180	3/16
IPL1/0-4C		4	2.890	1.500	1.688	180	3/16
IT-3/0C	3/0-6	2	1.840	1.750	1.870	250	1/4
IPL3/0-3C		3	2.630	1.600	1.800	250	5/16
IPL3/0-4C		4	3.410	1.600	1.800	250	5/16
IT-250C	250-6	2	2.120	2.250	2.250	360	5/16
IPL250-3C		3	2.930	2.030	2.180	360	5/16
IPL250-4C*		4	3.800	2.030	2.180	360	5/16
IT-350C	350-6	2	2.470	2.500	2.440	400	5/16
IPL350-3C		3	3.470	2.130	2.460	400	5/16
IT-500C	500-4	2	2.810	2.870	2.940	450	5/16
IPL500-3C		3	3.960	2.500	2.940	450	5/16
IPL500-4C		4	5.110	2.500	2.940	450	5/16
IT-600C	600-6	2	2.340	2.940	3.050	550	5/16
IT-750C	750-250	2	3.480	3.500	3.500	550	3/8

DUAL-SIDE ENTRY

Catalog Number	Wire Range (MCM/AWG)	Ports	Length (In.)	Width (In.)	Height (In.)	Max Torque (In./Lbs)	Hex Key (In.)
IPLD3/0-3C	3/0-6	3	2.630	1.830	1.790	250	1/4
IPLD3/0-4C		4	3.410	1.830	1.790	250	1/4
IPLD250-3C	250-6	3	2.930	2.280	2.180	360	5/16
IPLD250-4C*		4	3.800	2.280	2.180	360	5/16
IPLD250-5C		5	4.660	2.280	2.180	360	5/16
IPLD250-6C*		6	5.520	2.280	2.180	360	5/16
IPLD350-3C	350-6	3	3.520	2.410	2.610	400	5/16
IPLD350-4C*		4	4.570	2.410	2.610	400	5/16
IPLD350-5C		5	5.620	2.410	2.610	400	5/16
IPLD350-6C*		6	6.670	2.410	2.610	400	5/16
IPLD350-8C*		8	8.770	2.410	2.610	400	5/16
IPLD500-3C	500-4	3	4.010	2.830	2.910	450	5/16
IPLD500-4C*		4	5.240	2.830	2.910	450	5/16
IPLD500-5C		5	6.380	2.830	2.910	450	5/16
IPLD500-6C*		6	7.520	2.830	2.910	450	5/16
IPLD500-8C*		8	9.820	2.830	2.910	450	5/16
IPLD500-10C		10	12.110	2.830	2.910	450	5/16
IPLD600-3C	600-6	3	4.550	2.960	3.030	550	5/16
IPLD600-4C*		4	5.850	2.960	3.030	550	5/16
IPLD750-3C	750-250	3	4.950	3.410	3.420	550	3/8
IPLD750-4C		4	6.380	3.410	3.420	550	3/8

IN-LINE ENTRY

Catalog Number	Wire Range (MCM/AWG)	Ports	Length (In.)	Width (In.)	Height (In.)	Max Torque (In./Lbs)	Hex Key (In.)
ISR-1/0C	1/0-14	2	3.250	0.900	1.480	180	3/16
ISR-250C	250-6	2	4.000	1.190	1.900	360	5/16
ISR-350C	350-6	2	4.470	1.320	2.200	400	5/16
ISR-500C	500-4	2	4.620	1.620	3.000	450	5/16
ISR-600C	600-6	2	5.830	1.570	3.050	500	5/16
ISRH-750C	750-1/0	2	7.250	1.750	3.250	550	5/16

OFF-SET ENTRY

Catalog Number	Wire Range (MCM/AWG)	Ports	Length (In.)	Width (In.)	Height (In.)	Max Torque (In./Lbs)	Hex Key (In.)
ITO-4C	4-14	2	1.120	1.250	1.380	45	1/8
ITO-1/0C	1/0-14	2	1.620	1.750	1.750	180	3/16
ITO-3/0C	3/0-6	2	1.840	1.870	1.870	250	1/4

*Parallel-rated

Visit www.nsiindustries.com for information on connector torque values, wire strip lengths, and installation instructions.