POLARIS®
MECHANICAL CONNECTORS
POWER CONNECTORS

BUILT FOR STRENGTH,
RELIABILITY AND EFFICIENCY

Polaris Mechanical Connectors are the easy choice for professionals who need reliable, durable performance. Our comprehensive line of mechanical connectors bring the high standards of Polaris to several new categories, making cost-effective connections that are quick to install and built to last.



SPLIT BOLT CONNECTORS

A SOLUTION FOR YOUR APPLICATION

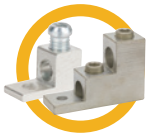
Polaris Mechanical Connectors are a simple solution to your connectivity needs, forming secure and robust connections between multiple wires. These highly-conductive, versatile, dual-rated connectors are available in a variety of configurations including aluminum and copper lugs, IPCS, neutral assemblies, terminal blocks, split bolts and distribution blocks. Polaris connectors are built from superior materials and designed to excel in demanding installations.

DESIGNED FOR EASY INSTALLATION

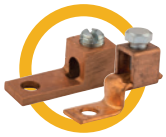
Mechanical connectors are a cost-effective and extremely durable choice for a huge range of installations, forming secure joins for multiple wires in a single junction. Each style of connector, from our dual-rated lugs to our reliable distribution blocks, was designed with installers in mind. Work faster without compromising quality when you install Polaris Mechanical.

MULTIPLE CONFIGURATIONS

ALUMINUM CONNECTORS



COPPER CONNECTORS



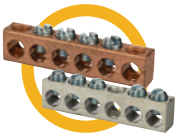
SPLIT BOLT CONNECTORS



INSULATION PIERCING



NEUTRAL ASSEMBLIES



NON-METALLIC CONNECTORS



COPPER - 2 WIRE

FEATURES

- High strength solderless service connector made of high-copper alloy for copper and copperweld wires
- Type for two maximum wire sizes

SPECIFICATIONS

- UL486A Listed Wire Connector
- cULus UL467-DB Listed Direct Bury



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N SERIES

PART #	CONDUCTOR RANGE OF EQUAL MAIN & TAP		MOUNTING BASE	MAXIMUM CONDUCTOR COPPERWELD		STD. CTN. QTY.	WIDTH (W) (IN.)	STD PKG QTY
	MIN	MAX		STR	TYPE A			
N-10	16 STR	10 STR	16 STR	–	–	0.057 – 0.116	80	100
N-8	16 STR	8 STR	16 STR	–	–	0.057 – 0.145	80	100
N-6	10 SOL	6 SOL	16 SOL	–	–	0.102 – 0.162	165	100
N-4	8 SOL	4 SOL	16 SOL	3 NO.12	8A	0.128 – 0.204	165	75
N-3	6 SOL	2 SOL	16 SOL	3 NO. 9	5A	0.162 – 0.258	275	50
N-2	6 SOL	2 STR	14 STR	3 NO. 7	3A	0.162 – 0.292	275	40
N-1/0	4 SOL	1/0 STR	14 SOL	3 NO. 6	2A	0.204 – 0.375	385	20
N-2/0	2 SOL	2/0 STR	14 STR	3 NO. 5	–	0.258 – 0.418	385	15
N-3/0	2 SOL	3/0 STR	12 SOL	7 NO. 7	–	0.258 – 0.470	500	10
N-250	1/0 SOL	250 MCM	10 SOL	7 NO. 5	–	0.325 – 0.575	650	6
N-350	4/0 STR	350 MCM	8 SOL	19 NO. 7	–	0.528 – 0.682	650	4
N-500	250 MCM	500 MCM	8 SOL	19 NO. 6	–	0.575 – 0.815	825	3
N-750	350 MCM	750 MCM	8 SOL	19 NO. 5	–	0.682 – 0.999	1000	2
N-1000	500 MCM	1000 MCM	8 SOL	–	–	0.815 – 1.153	1100	2

COPPER - 3 WIRE

FEATURES

- High strength solderless service connector made of high-copper alloy for copper and copperweld wires.
- Type for three maximum wire sizes.

SPECIFICATIONS

- UL486A/B Listed Wire Connector



UL LISTED SA®

N-L SERIES

PART #	MAXIMUM WIRE SIZE	LENGTH (L) (IN)	STD PKG QTY
N-8L	8 STR	14 STR	100
N-6L	6 STR	12 STR	100
N-4L	4 STR	12 STR	75
N-3L	3 STR	10 STR	40
N-2L	2 STR	10 STR	30

SPECIFICATIONS

COPPER TIN PLATED W/ SPACER - DUAL RATED



LISTED

FEATURES

- Aluminum to copper (Dual Rated)
- Aluminum to aluminum
- Steel to aluminum
- Copper to copper
- Steel to copper
- Electro-tinned body
- UL listed for copper and copperweld wires only
- Includes nut, spacer and pressure pad

SPECIFICATIONS

- UL486A/B Listed Wire Connector
- UL467DB Listed Direct Bury

N-SP SERIES

PART #	CONDUCTOR RANGE OF EQUAL MAIN & TAP		MIN. TAP WITH ONE MAX MAIN	ACSR RANGE OF MAIN OR TAP		WIRE DIAMETER RANGE IN	WIDTH (W) (IN)	STD PKG QTY
	MIN	MAX		MIN	MAX			
N-6SP	14 STR	8 STR	14 STR	–	8	0.073 - 0.146	165	100
N-4SP	10 STR	6 STR	10 SOL	–	6	0.116 – 0.184	165	75
N-3SP	8 SOL	3 STR	8 SOL	6	4	0.128 – 0.258	275	50
N-2SP	8 SOL	2 STR	8 SOL	6	2	0.128 – 0.316	275	40
N-1/0SP	6 SOL	1/0 STR	10 SOL	6	1	0.162 – 0.375	385	20
N-2/0SP	6 STR	2/0 STR	10 SOL	6	1/0	0.184 – 0.419	385	15
N-3/0SP	4 STR	3/0 STR	6 SOL	6	2/0	0.198 – 0.470	500	10
N-250SP	4 STR	250 MCM	4 STR	4	4/0	0.232 – 0.575	650	6
N-350SP	3/0 STR	350 MCM	1 SOL	2/0	350	–	650	4
N-500SP	3/0 STR	500 MCM	1/0 STR	2/0	477 18/1	–	825	3
N-750SP	250 MCM	750 MCM	2/0 STR	4/0	666.6	–	1000	2
N-1000SP	250 MCM	1000 MCM	4/0 STR	300	900	–	1100	2

ALUMINUM - DUAL RATED



LISTED

FEATURES

- Made from tin-plated aluminum.
- UL-486A/B listed for aluminum and copper conductor combinations (Dual Rated)

SPECIFICATIONS

- UL486A/B Listed Wire Connector
- UL467-DB Listed Direct Bury

APS SERIES

PART #	RANGE OF EQUAL MAIN & TAP (COPPER AND ALUMINUM)	WIRE DIAMETER RANGE (IN)	RECOMMENDED TORQUE (IN LB)	STD PKG QTY
APS06	10 SOL. – 6 STR	0.101 – 0.184	165	100
APS04	10 SOL. – 4 STR	0.101 – 0.232	165	75
APS02	8 STR. – 2 STR	0.146 – 0.292	275	40
APS11	8 SOL. – 1/0 STR	0.162 – 0.375	385	20
APS21	2 SOL. – 2/0 STR	0.257 – 0.418	390	15
APS41	6 STR. – 4/0 STR	0.368 – 0.575	650	6
APS350 (Not CSA)	2/0 STR. – 350 MCM	0.414 – 0.681	650	3
APS500	3/0 STR. – 500 MCM	0.464 – 0.814	825	2

RUGGED. RELIABLE. CONFIDENCE

Scan for more information

MECHANICAL CONNECTORS

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