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.



NEUTRAL ASSEMBLIES

A SOLUTION FOR YOUR APPLICATION

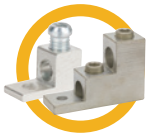
Polaris Mechanical Connectors are a simple solution to your connectivity needs, forming secure and robust connections between multiple wires. These highly-conductive, versatile, dual-rated connectors are available in a variety of configurations including aluminum and copper lugs, IPCS, neutral assemblies, 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

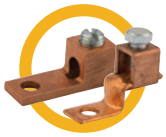
Mechanical connectors are a cost-effective and extremely durable choice for a huge range of installations, forming secure joins for multiple wires in a single junction. Each style of connector, from our dual-rated lugs to our reliable distribution blocks, was designed with installers in mind. Work faster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

MULTIPLE CONFIGURATIONS

ALUMINUM CONNECTORS



COPPER CONNECTORS



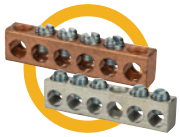
SPLIT BOLT CONNECTORS



INSULATION PIERCING



NEUTRAL ASSEMBLIES



NON-METALLIC CONNECTORS



ALUMINUM & COPPER - NEUTRAL CONNECTORS

FEATURES

- Multiple connectors are made from either copper or aluminum bar and can be used in a variety of neutral and grounding applications. Aluminum connectors are tin plated for low contact resistance and are suitable for use with copper or aluminum conductors.
- Copper connectors are suitable for use with copper wire only.

*Supplied with screws unassembled.

4-14 SERIES

PART #	MATERIAL	WIRE RANGE	NUMBER OF CIRCUTS	TOTAL NUMBER OF HOLES	LENGTH (L) (IN)	WIDTH (W) (IN)	HEIGHT (H) (IN)	HOLE SPACING (IN)	MTNG. HOLE POSITION	STD PKG QTY
4-14-32	Aluminum	4-14	2	3	0.950	0.440	0.310	0.312	2	100
4-14-53	Aluminum	4-14	4	5	1.570	0.440	0.310	0.312	3	100
4-14-63	Aluminum	4-14	5	6	1.880	0.440	0.310	0.312	3	100
4-14-74	Aluminum	4-14	6	7	2.250	0.440	0.310	0.312	4	100
4-14-614	Aluminum	4-14	4	6	1.880	0.440	0.310	0.312	1 & 4	100
4-14-717	Aluminum	4-14	5	7	2.250	0.440	0.310	0.312	1 & 7	100
4-14-726	Aluminum	4-14	5	7	2.250	0.440	0.310	0.312	2 & 6	100
4-14-847	Aluminum	4-14	6	8	2.560	0.440	0.310	0.312	4 & 7	100
4-14-937	Aluminum	4-14	7	9	2.870	0.440	0.310	0.312	3 & 7	100
4-14-11111	Aluminum	4-14	9	11	3.500	0.440	0.310	0.312	1 & 11	50
4-14-12112	Aluminum	4-14	10	12	3.810	0.440	0.310	0.312	1 & 12	50
4-14-14114	Aluminum	4-14	12	14	4.430	0.440	0.310	0.312	1 & 14	50
4-14-17117	Aluminum	4-14	15	17	5.370	0.440	0.310	0.312	1 & 17	50
4-14-22122	Aluminum	4-14	20	22	6.930	0.440	0.310	0.312	1 & 22	50
4-14-190*	Aluminum	4-14	190	190	60.000	0.500	0.380	0.340	3 & 11	50

SPECIFICATIONS



2-14, 2/0, 4C, 2C SERIES

PART #	MATERIAL	WIRE RANGE	NUMBER OF CIRCUTS	TOTAL NUMBER OF HOLES	LENGTH (L) (IN)	WIDTH (W) (IN.)	HEIGHT (H) (IN)	HOLE SPACING (IN)	MTNG. HOLE POSITION	STD PKG QTY
2-14-12311	Aluminum	2-14	10	12	4.120	0.750	0.560	0.601	2	25
2/0-14-32	Aluminum	2/0-14	2	3	1.750	0.750	0.560	0.601	2 & 4	25
2/0-14-524	Aluminum	2/0-14	3	5	2.950	0.750	0.560	0.601	1 & 8	25
2/0-14-818	Aluminum	2/0-14	6	8	4.750	0.440	0.310	0.312	1 & 6	100
4C-14-616	Copper	4-14	4	6	1.940	0.440	0.310	0.312	1 & 7	100
4C-14-717	Copper	4-14	5	7	2.250	0.440	0.310	0.312	1 & 8	100
4C-14-818	Copper	4-14	6	8	2.56	0.440	0.310	0.312	1 & 14	50
4C-14-14114	Copper	4-14	12	14	4.430	0.440	0.310	0.312	3 & 13	50
4C-14-15313	Copper	4-14	13	15	4.740	0.440	0.310	0.312	6 & 11	50
4C-14-15611	Copper	4-14	13	15	4.740	0.440	0.310	0.312	–	10
4C-190*	Copper	4-14	190	190	60.000	0.500	0.380	0.397	1 & 5	50
2C-14-515	Copper	2-14	3	5	2.000	0.500	0.380	0.397	2 & 7	50
2C-14-827	Copper	2-14	6	8	3.250	0.440	0.310	0.312	1 & 17	50

COPPER - NEUTRAL CONNECTORS

FEATURES

- Polaris copper neutral connectors are manufactured from high strength pure electrolytic copper tube to ensure both maximum strength and conductivity.
- Plain copper finish.
- Suitable for use with copper conductors only.



SPECIFICATIONS

- Temperature Rating: 90 °C.
- Voltage Statement
- Plain copper finish.

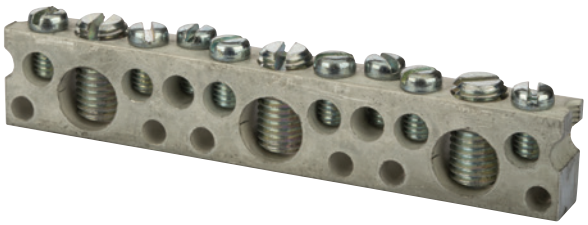
CN SERIES

PART #	MATERIAL	WIRE RANGE	NUMBER OF CIRCUTS	TOTAL NUMBER OF HOLES	LENGTH (L) (IN)	WIDTH (W) (IN.)	HEIGHT (H) (IN)	HOLE SPACING (IN)	MTNG. HOLE POSITION	STD PKG QTY
CN70-10-1	4-14	8	6-14	2 x .20	4.370	0.750	0.340	100	2	100
CN70-14-1	4-14	12	6-14	2 x .20	5.940	0.750	0.340	100	3	100

ALUMINUM - NEUTRAL CONNECTORS

FEATURES

- Multiple combination connectors are made from aluminum and are tin-plated for low contact resistance.
- Suitable for use with both copper and aluminum conductors.
- Each connector contains a combination of 1/0-14 awg and 6-14 awg wire holes.
- Economical and compact innovative design and hole spacing.
- Dual rated for use with aluminum and copper cables.



CB SERIES

PART #	NUMBER OF CIRCUTS		LENGTH (L) (IN)	STD PKG QTY
	1/0-14 AWG	6-14 AWG		
CB-11	3	8	3.500	25
CB-19	5	14	5.810	25
CB-23	6	17	7.000	25
CB-120	30	90	36.000	10

ALUMINUM ALLOY - NEUTRAL 225A 600 VAC CONNECTORS 1024 SERIES

FEATURES

- These stacked neutral assemblies offer the ultimate in compact design and performance.
- Wire holes are stacked to minimize width. One-piece construction provides superior mechanical performance.
- Made from high strength 6061T-6 aluminum alloy.
- Options include a 350 mcm main lug and a high strength, glass-filled polyester mounting base for isolated mounting.
- Available in 12 to 42 wire holes (4-14 awg).



1024 SERIES

PART #	NO. OF 4-14 AWG CIRCUTS	MAIN LUG SIZE	MOUNTING BASE	LENGTH (L) (IN)	HEIGHT (H) (IN)	WIDTH (W) (IN)	STD PKG QTY
1012	12	NONE	NO	2.068	0.875	1.500	1
1012M	12	350-6	no	2.193	1.375	1.500	1
1012B	12	none	yes	2.068	2.250	2.250	1
1012MB	12	350-6	yes	2.193	2.750	2.250	1
1018	18	none	no	3.132	0.875	1.500	1
1018M	18	350-6	no	3.257	1.375	1.500	1
1018B	18	none	yes	3.132	2.250	2.250	1
1018MB	18	350-6	yes	3.257	2.750	2.250	1
1024	24	none	no	4.196	0.875	1.500	1
1024M	24	350-6	no	4.321	1.375	1.500	1
1024B	24	none	yes	4.196	2.250	2.250	1
1024MB	24	350-6	yes	4.321	2.750	2.250	1
1030	30	none	no	5.260	0.875	1.500	1
1030M	30	350-6	no	5.385	1.375	1.500	1
1030B	30	none	yes	5.260	2.250	2.250	1
1030MB	30	350-6	yes	5.385	2.750	2.250	1

CONTINUED ON NEXT PAGE

ALUMINUM ALLOY - NEUTRAL 225A 600 VAC CONNECTORS 1024 SERIES

FEATURES

- These stacked neutral assemblies offer the ultimate in compact design and performance.
- Wire holes are stacked to minimize width. One-piece construction provides superior mechanical performance.
- Made from high strength 6061T-6 aluminum alloy.
- Options include a 350 mcm main lug and a high strength, glass-filled polyester mounting base for isolated mounting.
- Available in 12 to 42 wire holes (4-14 awg).



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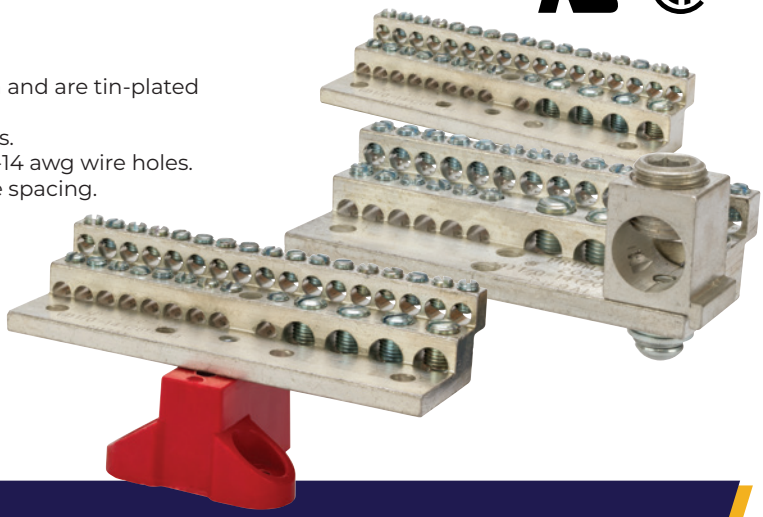
1024 SERIES

PART #	NO. OF 4-14 AWG CIRCUTS	MAIN LUG SIZE	MOUNTING BASE	LENGTH (L) (IN)	HEIGHT (H) (IN)	WIDTH (W) (IN)	STD PKG QTY
1030MB	30	350-6	yes	5.385	2.750	2.250	1
1036	36	none	no	6.324	0.875	1.500	1
1036M	36	350-6	no	6.449	1.375	1.500	1
1036B	36	none	yes	6.324	2.250	2.250	1
1036MB	36	350-6	yes	6.449	2.750	2.250	1
1042	42	none	no	7.388	0.875	1.500	1
1042M	42	350-6	no	7.513	1.375	1.500	1
1042B	42	none	yes	7.388	2.250	2.250	1
1042MB	42	350-6	yes	7.513	2.750	2.250	1

ALUMINUM - NEUTRAL 2024 SERIES CONNECTORS

FEATURES

- Multiple combination connectors are made from aluminum and are tin-plated for low contact resistance.
- Suitable for use with both copper and aluminum conductors.
- Each connector contains a combination of 1/0-14 awg and 6-14 awg wire holes.
- Economical and compact due to innovative design and hole spacing.
- Dual rated for use with aluminum and copper cables.



2024 SERIES

PART #	NO. OF 4-14 AWG CIRCUITS	NO. OF 1/0-14 AWG CIRCUITS	MAIN LUG SIZE	MOUNTING BASE	LENGTH (L) (IN)	HEIGHT (H) (IN)	WIDTH (W) (IN)	STD PKG QTY
2024	20	4	NONE	NO	4.332	1.025	1.687	1
2024M	20	4	350-6	No	4.457	1.525	1.687	1
2024MB	20	4	350-6	Yes	4.457	2.900	2.437	1
2030	26	4	None	No	5.244	1.025	1.687	1
2030M	26	4	350-6	No	5.369	1.525	1.687	1
2030B	26	4	None	Yes	5.244	2.400	2.437	1
2030MB	26	4	350-6	Yes	5.369	2.900	2.437	1
2036	32	4	None	No	6.156	1.025	1.687	1
2036M	32	4	350-6	No	6.281	1.525	1.687	1
2036MB	32	4	350-6	Yes	6.281	2.900	2.437	1
2042M	38	4	350-6	No	7.193	1.525	1.687	1
2042MB	38	4	350-6	Yes	7.193	2.900	2.437	1

RUGGED. RELIABLE. CONFIDENCE

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MECHANICAL CONNECTORS

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