



2011 Catalog

IPON CORD CONNECTORS NPT, PG & METRIC SIZES

IPON® Features

Easy to install

Simply insert your cord into the IPON, tighten the dome-nut and the cable is fixed, centered, sealed and strain relieved. No disassembly required.

Liquid Tight

The IPON is NEMA 6P (IP 68)

Cable Protection

Our innovative seal and clamp design allows the IPON cord connector sealing ring to tighten around the cable in a circular fashion, thereby providing outstanding strain relief without twisting or damage to the cord.

Vibration Proof

Robust, tried and true single buttress threads have been integrated into the IPON design. This thread type ensures protection against vibration, even under extreme conditions.

Cost effective

Typically 1/3 the cost of a metal equivalent.

Versatile

7 NPT fittings (3/8" - 2") cover cable diameters from .157" - 1.7". The IPON is available in NPT, Pg & Metric thread types. (Cable ranges from .177" up to 1.732")



IPON ® Quick Reference Guide:

- Three Colors-Black, Grey & Light Grey
- 7 NPT Thread Types: NPT 3/8" to 2"
- 8 Metric Thread Types: M12 to M63
- 10 Pg Thread Types: Pg 7 to Pg 48
- PVC Locknuts available for most sizes.



IPON CORD CONNECTORS NPT, PG & METRIC SIZES

Material: Halogen Free Polyamide, Silicone Free
Sealing Grommet: Neoprene
Temp Range: Permanent -30°C to 100°C (-22°F to 212°F)
 Short Term 150° C
Protection Class: IP68, 5 bar / Comparable to NEMA 6P
Flame Resistance: UL 94 V0, Incandescent wire
 Test 850°C to VDE Standard 0471/DIN IEC 695,
 Part 2-1



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Rated Size	Part # Light Grey	Part # Grey	Part # Black	Cable Range (Inches)	Cable Range (mm)	Thread Length (mm)	Knockout Diameter (mm)	Box Qty.
NPT 3/8"	1234N3801	1234N3802	1234N3803	.157-.315	4-8	15	17.1	50
NPT 1/2"	1234N1201	1234N1202	1234N1203	.236-.472	6-12	15	21.3	50
NPT 3/4"	1234N3401	1234N3402	1234N3403	.472-.709	12-18	15	26.7	25
NPT 1"	1234N1001	1234N1002	1234N1003	.669-.984	17-25	19	33.4	10
NPT 1-1/4"	1234N11401	1234N11402	1234N11403	.866-1.260	20-32	19	42.2	10
NPT 1-1/2"	1234N11201	1234N11202	1234N11203	1.181-1.496	32-38	19	48.3	5
NPT 2"	1234N2001	1234N2002	1234N2003	1.457-1.732	37-44	19	60.3	5

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M 12 X 1.5	1234M1201	1234M1202	1234M1203	.118-.256	4-6	8	12	50
M 16 X 1.5	1234M1601	1234M1602	1234M1603	.157-.315	5.5-8	8	16	50
M 20 X 1.5	1234M2001	1234M2002	1234M2003	.236-.472	7-12	9	20	50
M 25 X 1.5	1234M2501	1234M2502	1234M2503	.472-.709	12-18	12	25	25
M 32 X 1.5	1234M3201	1234M3202	1234M3203	.669-.984	18-25	12	32	10
M 40 X 1.5*	1234M4001	1234M4002	1234M4003	.787-1.260	22-32	13	40	10
M 50 X 1.5*	1234M5001	1234M5002	1234M5003	1.260-1.496	32-38	13	50	5
M 63 X 1.5*	1234M6301	1234M6302	1234M6303	1.456-1.732	38-44	14	63	5

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Pg 7	1234P0701	1234P0702	1234P0703	.118-.256	3-6.5	8	12.5	50
Pg 9	1234P0901	1234P0902	1234P0903	.157-.315	4-8	8	15.2	50
Pg 11	1234P1101	1234P1102	1234P1103	.197-.394	5-10	8	18.6	50
Pg 13.5	1234P1301	1234P1302	1234P1303	.236-.472	6-12	9	20.4	50
Pg 16	1234P1601	1234P1602	1234P1603	.354-.551	9-14	10	22.5	50
Pg 21	1234P2101	1234P2102	1234P2103	.472-.709	12-18	11	28.3	25
Pg 29	1234P2901	1234P2902	1234P2903	.669-.984	17-25	11	37.0	10
Pg 36	1234P3601	1234P3602	1234P3603	.787-1.260	20-32	13	47.0	10
Pg 42	1234P4201	1234P4202	1234P4203	1.260-1.496	32-38	13	54.0	5
Pg 48	1234P4801	1234P4802	1234P4803	1.456-1.732	37-44	14	59.3	5

MULTI-HOLE CORD CONNECTORS

Material: Polyamide, Silicone Free
Sealing Grommet: Neoprene
Temp Range: Permanent -30°C to 100°C
Protection Class: IP68, 5 bar

Size	Part #	# of Holes / Grommet	Hole Size (mm)
NPT 3/8"	BSTP-01/2x3	2	3mm
	BSTP-01/2x4	2	4mm
	BSTP-01/2x4.5	2	4.5mm
	BSTP-01/2x5	2	5mm
	BSTP-01/3x3	3	3mm
	BSTP-01/3x4	3	4mm
	BSTP-01/3x5	3	5mm
	BSTP-01/4x3	4	3mm
NPT 1/2"	BSTP-02/2x4	2	4mm
	BSTP-02/2x6	2	6mm
	BSTP-02/3x4	3	4mm
	BSTP-02/3x5	3	5mm
	BSTP-02/3x6	3	6mm
	BSTP-02/3x6.5	3	6.5mm
	BSTP-02/4x4	4	4mm
	BSTP-02/4x5	4	5mm
	BSTP-02/4x6	4	6mm
	BSTP-02/5x4	5	4mm
NPT 3/4"	BSTP-04/2x7	2	7mm
	BSTP-04/2x8	2	8mm
	BSTP-04/2x9	2	9mm
	BSTP-04/3x7	3	7mm
	BSTP-04/3x8	3	8mm
	BSTP-04/4x5	4	5mm
	BSTP-04/4x7	4	7mm
	BSTP-04/4x7.5	4	7.5mm
NPT 1"	BSTP-06/5x8.5	5	8.5mm
	BSTP-06/6x5	6	5mm
	BSTP-06/6x7.5	6	7.5mm
	BSTP-06/8x5	8	5mm



Multi-hole cord connectors are great for use in limited space environments where multiple cables need to be run safely into an enclosure. Fittings are liquid-tight, easy to install and provide strain-relief to the conductors.

Rated IP 68 for use in Nema 4 enclosures.

Uses: Instrumentation wire installations, Proximity device wiring and signal cables.



METALLIC & PVC LOCKNUTS

Hexagon Locknuts

DIN 46 320

Material: (1420 Series) Polyamide, fiber glass reinforced, with fire protection. Halogen Free. (420 Series) Nickel-Plated Brass

Sizes: NPT, Metric and Pg thread types available.



Rated Size	Part # Grey	Part # Black	Minimum Box Qty.
NPT 3/8"	1420/38	1420/38sz	100
NPT 1/2"	1420/12	1420/12sz	100
NPT 3/4"	1420/34	1420/34sz	100
NPT 1"	1420/10	1420/10sz	50
M 12 x 1.5	1420M12	1420M12sz	100
M 16 x 1.5	1420M16	1420M16sz	100
M 20 x 1.5	1420M20	1420M20sz	100
M 25 x 1.5	1420M25	1420M25sz	100
M 32 x 1.5	1420M32	1420M32sz	50
M 40 x 1.5	1420M40	1420M40sz	25
M 50 x 1.5	1420M50	1420M50sz	25
M 63 x 1.5	1420M63	1420M63sz	25
Pg 7	1420/7	1420/7sz	100
Pg 9	1420/9	1420/9sz	100
Pg 11	1420/11	1420/11sz	100
Pg 13.5	1420/13	1420/13sz	100
Pg 16	1420/16	1420/16sz	100
Pg 21	1420/21	1420/21sz	100
Pg 29	1420/29	1420/29sz	50
Pg 36	1420/36	1420/36sz	25
Pg 42	1420/42	1420/42sz	25
Pg 48	1420/48	1420/48sz	25

Rated Size	Part #	Minimum Box Qty.
M 12 x 1.5	420M12	100
M 16 x 1.5	420M16	100
M 20 x 1.5	420M20	100
M 25 x 1.5	420M25	100
M 32 x 1.5	420M32	50
M 40 x 1.5	420M40	25
M 50 x 1.5	420M50	25
M 63 x 1.5	420M63	25
Pg 7	420/7	100
Pg 9	420/9	100
Pg 11	420/11	100
Pg 13.5	420/13	100
Pg 16	420/16	100
Pg 21	420/21	100
Pg 29	420/29	50
Pg 36	420/36	25
Pg 42	420/42	25
Pg 48	420/48	25



EURO-STYLE TERMINAL BLOCKS

Ideal for a variety of industrial electrical and electronic applications. Kleinhuis manufactures these terminal strips with your needs for flexibility, safety and economy in mind.



- Dead front construction.
- Wire-Guard versions for stranded wires.
- 600 V rated without skipping terminals.
- Finger safe.
- Flexible polyamide allows for easy cutting to custom configurations.

Part #	Wire Range	V	A (Amps)	Max ambient Temp	Housing Material	Screw Material	Box Qty.
1129.N	12-22 AWG	300	20	T 85	Polyamide PA 66	Galvanized Steel M2.6	10
1129D.N w/wire guard	12-22 AWG	300	20	T 85	Polyamide PA 66	Galvanized Steel M2.6	10
159.N	12-18 AWG	300	30	T 85	Polyamide PA 66	Galvanized Steel M2.6	10
159D.N w/wire guard	12-18 AWG	300	30	T 85	Polyamide PA 66	Galvanized Steel M2.6	10
160.N	8-14 AWG	300	50	T 85	Polyamide PA 66	Galvanized Steel M2.6	10
160D.N w/wire guard	8-14 AWG	300	50	T 85	Polyamide PA 66	Galvanized Steel M2.6	10

“D” denotes wire guard model



Applications:

HID Lighting Lighting Controls
Heat Pumps Air Conditioners
Environmental Controls
Cable TV Industry
Instrument OEM's
Security & Fire Alarm Systems
RV & Trailer OEM's
Electronics: Speakers & Amplifiers

GROUNDING BARS – ISOLATED GROUND

Cover & Base Material: Durable, flame resistant Polyamide 6.6, V0 rated. Halogen Free.

Clamping Rail: Constructed of corrosion resistant, nickel-plated, copper.

Rated Voltage: UL Listed for 600 V max.

A cost effective, finger safe alternative for grounding that mounts easily to any flat surface.



Part #1309

Handles # 4 to # 12 solid & stranded wire (AWG).

Protective hinged cover & base included.

Lay-in style for larger wire applications.

600 V Max. Great for all your low voltage applications.



Part #2309

#6 – #16 solid copper wire (AWG).

#6 – #10 stranded copper wire (AWG).

Protective snap-on cover & base included.

14 poke-thru w/set screws, 1 lay-in for larger common ground.



Provides grounding for:

Control Panels / Sub-panels -Telecommunications Systems -Hospital / Medical Equipment -Computer Racks- Security Systems -Radio Antenna Ground -Added Grounding requirements -Video Equipment Systems -Marine applications -Electronic Cash Register ground -Wire Trunking Ground - Assorted Voice / Data Systems -Amateur Radio Equipment

RO-CLIP CONDUIT CLAMPS

RO-CLIP Pipe & Conduit Clamps

Material: Polypropylene, halogen free.

Color: Light Grey

Temperature range: -20° C to 90° C
(-4° F to 194° F).



Part #	PVC Schedule 40 Pipe	PVC Schedule 80 Pipe	Rigid Conduit	IMC	ENT	Metallic Flexible Conduit	Non-Metallic Flexible Conduit	Non-Metallic Extra-Flexible Conduit	Box Qty.
796.130	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	100
796.231	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	100
796.291	1"	1"	1"	1"	1"	1"	1"	1"	50
796.401	1-1/4"	1-1/4"	1-1/4"	1-1/4"	1-1/4"	1-1/4"	1-1/4"	1-1/4"	50
796.360	1-1/2"	1-1/2"	1-1/2"	1-1/2"	1-1/2"	1-1/2"	1-1/2"	1-1/2"	25
796.480	2"	2"	2"	2"	2"	2"	2"	2"	25

Part #	EMT	Box Qty.
796.110	1/2"	100
796.160	3/4"	100
796.210	1"	100
796.361	1-1/4"	50
796.421	1-1/2"	25
796.420	2"	25

RO-CLIP Features:

Unique design allows for the attachment of several clips of various size for multi pipe runs. For example; you can place a 1/2" pipe next to a 2" and make a clean level installation.

The RO-CLIP can be used for vertical or horizontal applications.

Low installation force required, easy to use.

High retention strength.

Niedax SHF CABLE CLAMPS

SHF Cable Clamps

Material: Polypropylene, halogen free.

Color: Light Grey



Non metallic cable clamps that snap shut after cables are inserted. It clicks into the closed position and can be easily re-opened by pulling the release bar upward. Neatly and securely hold bundles of cables together for various types of short cable runs. Two sizes of clamps available. These versatile clamps are suitable to mount from the back side, or from the top, or from the bottom of the clamp.

Made of halogen free polypropylene and are flame retardant up to 960 degrees C.

Material rated as 94V2.

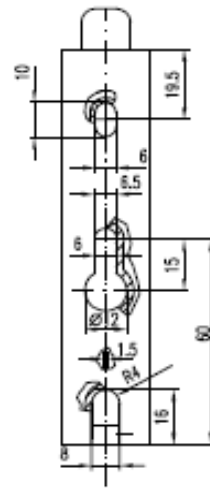
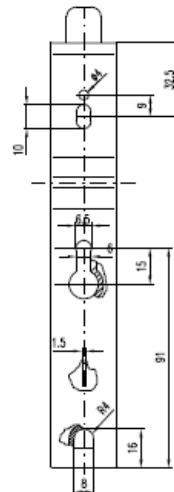
Part #	Height mm/ inch	Width mm/ inch	Box Qty
SHF 15	70 mm / 2.75"	30 mm / 1.2"	50
SHF 30	105 mm / 4.1"	45 mm / 1.8"	25

SHF 15

Profile from
back of clamp

SHF 30

Profile from
back of clamp





Welcome to Niedax Inc.

Large OEM's to small manufacturers and contractors can all depend on our quality line of electrical components. From our large range of cord grips to our easy to install terminal strips, we are sure you will find our products perfect for your application.

For **more information** on any of our quality wiring devices and electrical components please visit our website at www.niedaxusa.com or call **800-544-2105**.

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