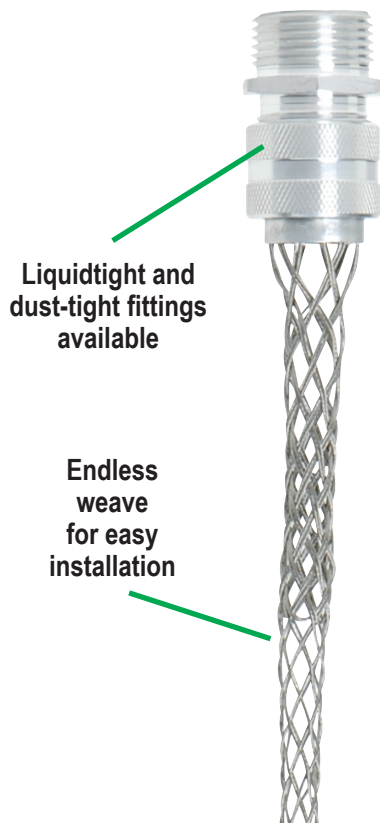


BRYANT® Wire Management Products

Cord Grips Family Overview

Strain Relief Grips



Strain Relief Grips are used to connect cable enclosures and industrial equipment. These grips prevent cable pullout at the point of termination due to tension, vibration, flexure or motion. Used in conjunction with bus drop support grips and safety springs, they are an integral part of an overall support and strain relief system. These grips are suitable for indoor or outdoor use where subject to moisture, splash or washdown. Examples are crane hoist and pendant drop stations, hand tools, pumps, and processing equipment.

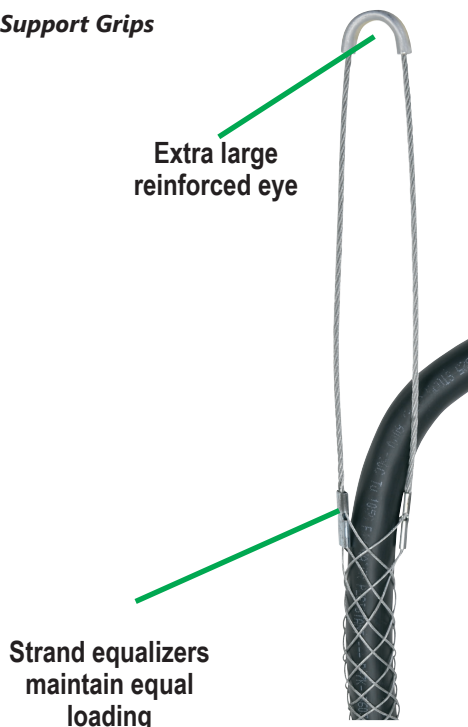
Deluxe Cord Strain Relief Grips

- Endless weave for easy installation
- Indoor and outdoor applications
- Provides arc-of-bend control
- Stainless steel mesh
- Corrosion resistant
- Liquid-tight and dust-tight
- Range 0.187 – 1.687 inches

Dust-tight Strain Relief Grips

- Dust-tight
- Galvanized steel mesh
- For indoor applications only
- Ideal for use in bus drop systems, motor connections, panel boards, and internal wiring of machines
- Range 0.32 – 1.70 inches

Support Grips



Support Grips are applied to the vertical or horizontal runs of cable or service lines to support dead weight and reduce potential damage due to breakage or stress. These grips are designed to be used indoors for cable support where flexible cable connects electrical equipment to bus duct. Applications also include support for air hoses and water hoses.

Standard Duty Support Grips

- Single U eye closed mesh fits over cable end
- Indoor and outdoor applications
- Split mesh is used when cable end is inaccessible
- Strand equalizers reinforce gripping strength and position; distributes load equally
- Range 0.54 – 1.74 inches

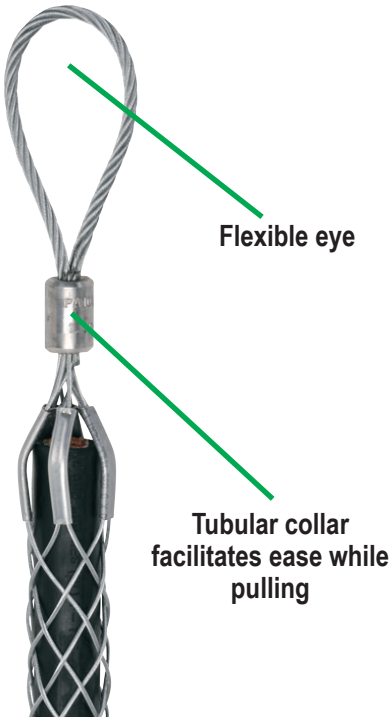
Bus Drop Support Grips

- Light duty
- Strand equalizers position wires for equal loading
- Single variable weave
- Indoor use only
- Range 0.24 – 1.25 inches

BRYANT® Wire Management Products

Cord Grips Family Overview - Continued

Pulling Grips



Pulling Grips are designed to serve as reusable tools for light industrial pulling of electrical cable and for underground and industrial plant wiring and re-wiring. These grips offer protection from abrasion and ease the cable through bends and rough surfaces. They also serve as a temporary splice, when replacing old cable with new, and to pull slack in new construction or maintenance operations.

Light Duty Low Tension Pulling Grips

- Ideal for use in utility work, industrial and commercial building service lines, underground transmission line stringing
- Range 0.75 – 1.74 inches

Junior Low Tension Pulling Grips

- Ideal for use in utility work, industrial and commercial building service lines, underground transmission line stringing
- Range 0.25 – 1.24 inches

BRYANT®

Deluxe Cord Strain Relief Grips

Features

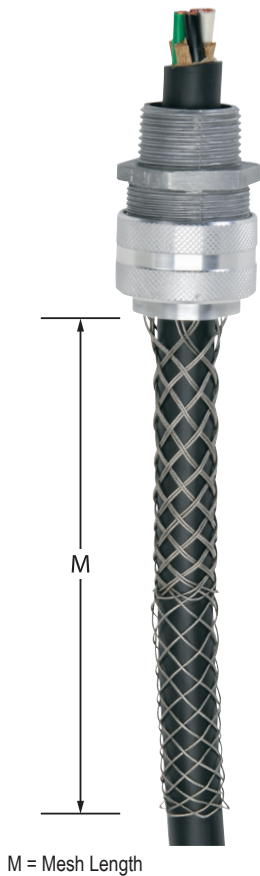
- Double to single weave variable mesh
- Stainless steel mesh offers corrosion resistance and adds strength
- Neoprene oil and watertight seal
- Liquidtight and dust-tight seal
- Aluminum fitting
- Mesh flexibility for easy installation
- Lock nuts and bushing not included

Applications

- Food processing equipment
- Chemical machinery
- Switch boxes
- Pumps
- Compressors
- Motors & machine tool shops
- Drop stations
- Heavy-duty applications
- Indoor/outdoor applications

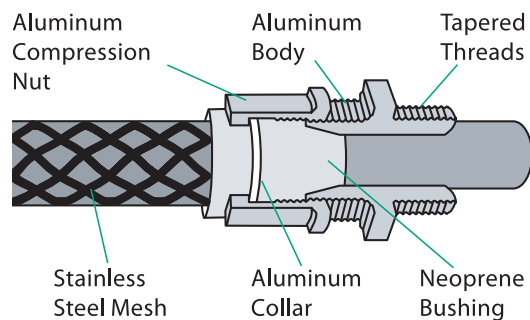
Agency Approvals

- UL Listed File E167220
- Type 1, 4, 4X, 6, 6P, 3, 3X, 3S, 3SX, 5, 12K or 13
- CSA Certified File LR701228



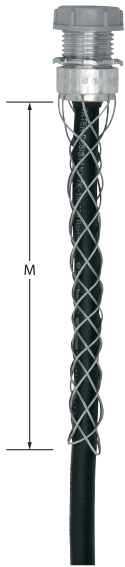
Bryant® Deluxe Strain Relief Cord Grips, Straight Male Thread						
Part Number	Price	Drawing Link	Grip Diameter Range Inches [cm]	Trade Size NPT*	Mesh Length Inches [cm]	Weight [lb]
DC1812	\$07#y:	PDF	0.187-0.250 [0.47-0.63]	½ inch	2.44 [6.20]	0.1
DC2512	\$07#z:	PDF	0.250-0.375 [0.63-0.95]	½ inch	3.91 [9.93]	0.1
DC3712	\$;07#j:	PDF	0.375-0.500 [0.95-1.27]	½ inch	4.44 [11.28]	0.1
DC5012	\$;07#i:	PDF	0.500-0.625 [1.27-1.59]	½ inch	4.71 [11.96]	0.1
DC5034	\$07#l:	PDF	0.500-0.625 [1.27-1.59]	¾ inch	4.71 [11.96]	0.1
DC6234	\$;07#k:	PDF	0.625-0.750 [1.59-1.90]	¾ inch	6.31 [16.03]	0.1
DC621	\$07##:	PDF	0.625-0.750 [1.59-1.90]	1 inch	6.11 [15.52]	0.1
DC751	\$07#?:	PDF	0.750-0.875 [1.90-2.22]	1 inch	6.31 [16.03]	0.3
DC871	\$;07#n:	PDF	0.875-1.000 [2.22-2.54]	1 inch	6.51 [16.54]	0.3
DC100114	\$007#s:	PDF	1.000-1.125 [2.54-2.86]	1¼ inch	6.16 [15.65]	0.5
DC112114	\$;007#t:	PDF	1.125-1.250 [2.86-3.17]	1¼ inch	6.04 [15.34]	0.5
DC125112	\$007#u:	PDF	1.250-1.375 [3.17-3.49]	1½ inch	7.66 [19.46]	0.6
DC131112	\$007#v:	PDF	1.312-1.437 [3.33-3.65]	1½ inch	8.11 [20.60]	1.0
DC1562	\$007#x:	PDF	1.562-1.687 [3.97-4.28]	2 inch	10.00 [25.40]	1.0

Note: NPT = National Pipe Taper



BRYANT®

Dust-tight Strain Relief Grips - Wide Range



M = Mesh Length

Features

- Single weave variable mesh
- Galvanized steel mesh for additional holding power in abrasive environments
- Insulating bushing
- One-piece design
- Dust-tight seal
- Easily installed
- Steel locknut and threaded fitting
- Lock nuts and bushing included

Applications

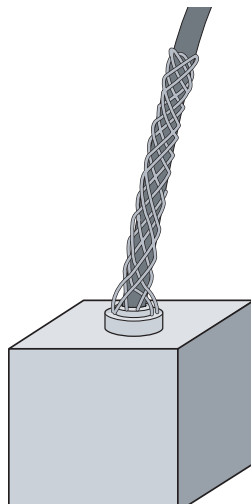
- Bus drop systems
- Motor boxes
- Power boxes
- Internal wiring of machines and cabinets
- Light to moderate duty applications
- Indoor use only
- Controlling arc-of-bend

Agency Approvals

- UL Listed File E167220
- Type 1, 3, 3X, 3S, 3SX, 5, 12K or 13
- CSA Certified File LR701228

Bryant® Wide Range Strain Relief Grips							
Part Number	Price	Drawing Link	Cable Diameter Range Inches [cm]	Trade Size NPS/NPT*	Mesh Length Inches [cm]	Knockout Hole Recommended Min. to Max. Inches [mm]	Weight [lb]
BDSR32	\$:07!2:	PDF	0.32-0.43 [0.81-1.09]	½" NPS	3.75 [9.52]	0.86-0.91 [21.8-23.0]	0.1
BDSR43	\$:07!3:	PDF	0.43-0.54 [1.09-1.37]	½" NPS	4.75 [12.06]	0.86-0.91 [21.8-23.0]	0.1
BDSR54	\$:07!4:	PDF	0.54-0.73 [1.37-1.85]	¾" NPS	6.50 [16.51]	1.09-1.14 [27.8-29.0]	0.1
BDSR73	\$:07!5:	PDF	0.73-0.97 [1.85-2.46]	1" NPS	7.00 [17.78]	1.36-1.41 [34.5-35.7]	0.2
BDSR97	\$:07!6:	PDF	0.97-1.25 [2.46-3.17]	1¼" NPS	9.00 [22.86]	1.72-1.77 [43.7-44.9]	0.3
BDSR125	\$:07!0:	PDF	1.25-1.50 [3.17-3.81]	1½" NPT	11.75 [29.84]	1.97-2.02 [50.0-51.2]	0.4
BDSR150	\$:07!1:	PDF	1.50-1.70 [3.81-4.32]	2" NPT	13.25 [33.65]	2.45-2.50 [62.3-63.5]	0.5

Note: NPS = National Pipe Straight
NPT = National Pipe Taper



BRYANT®

Standard Duty Support Grips - Closed Mesh

Features

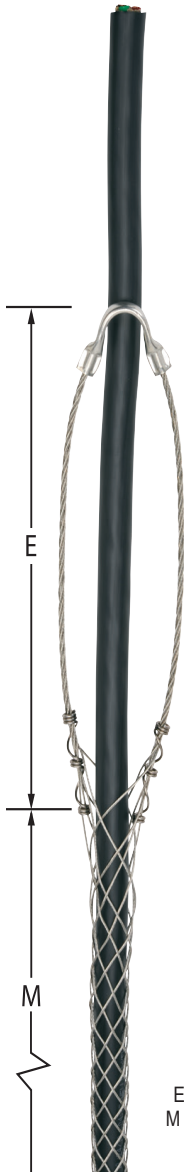
- Closed grips with U eye
- Single weave variable mesh
- Tin-coated bronze grips are non-magnetic minimizing hysteresis and resultant heat build-up which can lead to cable degradation and reduced life
- Uniform gripping power
- Endless weave
- Strand equalizers position wires for equal loading

Applications

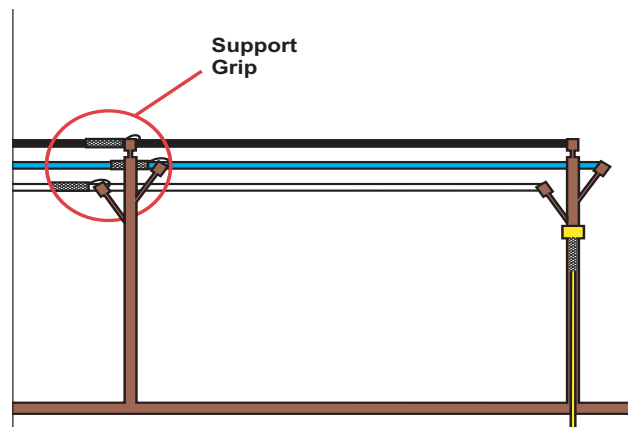
- Commercial towers
- Elevator shafts
- Buildings
- Utility poles - telephone and power
- Construction
- Factories

Agency Approvals

- CSA Certified File LR701228



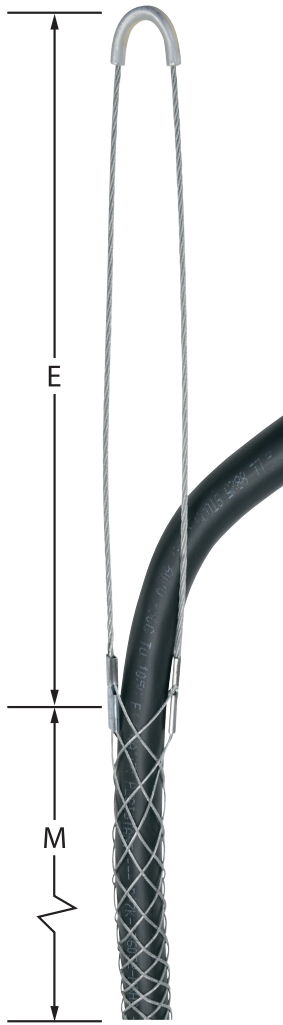
Bryant® Single Eye, Closed Mesh Support Grips							
Part Number	Price	Drawing Link	Cable Diameter Range Inches [cm]	Approximate Breaking Strength Pounds [Newtons]	Eye Length Inches [cm]	Mesh Length Inches [cm]	Weight [lb]
SPC050U	\$;07!h:	PDF	0.50-0.62 [1.27-1.57]	530 [2,357]	7.0 [17.78]	10.0 [25.40]	0.1
SPC062U	\$;~07!i:	PDF	0.63-0.74 [1.60-1.88]	790 [3,514]	8.0 [20.32]	10.0 [25.40]	0.2
SPC075U	\$;~07!j:	PDF	0.75-0.99 [1.90-2.51]	1,020 [4,537]	8.0 [20.32]	13.0 [33.02]	0.2
SPC100U	\$;07!k:	PDF	1.00-1.24 [2.54-3.15]	1,610 [7,161]	9.0 [22.86]	14.0 [35.56]	0.3
SPC125U	\$;~07!l:	PDF	1.25-1.49 [3.17-3.78]	1,610 [7,161]	10.0 [25.40]	15.0 [38.10]	0.4
SPC150U	\$;07!n:	PDF	1.50-1.74 [3.81-4.42]	1,610 [7,161]	12.0 [30.48]	17.0 [43.18]	0.4



CAUTION: Never use grip to approximate breaking strength. Refer to technical data page for safety and working load factors. Banding is necessary to guard against accidental release of grip and provide maximum reliability.

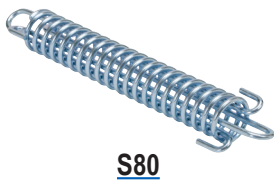
BRYANT®

Bus Drop Support Grips



BDS56U

E = Eye Length
M = Mesh Length



Features

- Single variable weave
- Galvanized steel for additional holding power in abrasive environments
- Strand equalizers position wires for equal loading
- Light-duty support
- Indoor only, permanent support
- Easily installed
- Single eye

Applications

- All factory equipment
- Cable drops for electrical connections

Agency Approvals

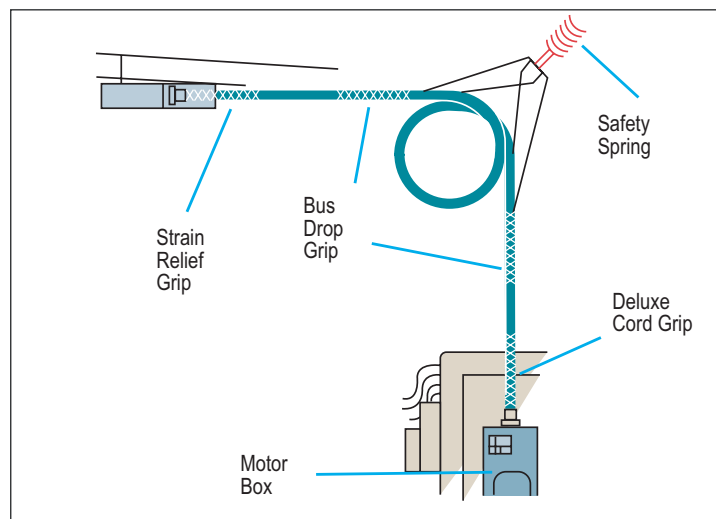
- UL Listed File E167220
- CSA Certified File LR701228

Bryant® Single Eye, Closed Mesh Bus Drop Support Grips

Part Number	Price	Drawing Link	Cable Diameter Range Inches [cm]	Approximate Breaking Strength Pounds [Newtons]	Eye Length Inches [cm]	Mesh Length Inches [cm]	Weight [lb]
BDS24U	\$-07#i:	PDF	0.24-0.32 [0.61-0.81]	350 [1,557]	3.0 [7.62]	3.50 [8.89]	0.1
BDS32U	\$-07#j:	PDF	0.32-0.43 [0.81-1.09]	450 [2,002]	4.0 [10.16]	4.00 [10.16]	0.1
BDS43U	\$07#k:	PDF	0.43-0.56 [1.09-1.42]	550 [2,446]	6.0 [15.24]	4.75 [12.06]	0.1
BDS56U	\$-07#l:	PDF	0.56-0.73 [1.42-1.85]	1,000 [4,448]	7.0 [17.78]	6.00 [15.24]	0.1
BDS73U	\$07#n:	PDF	0.73-0.85 [1.85-2.16]	1,400 [6,227]	7.0 [17.78]	6.75 [17.14]	0.1
BDS85U	\$07#o:	PDF	0.85-1.00 [2.16-2.54]	1,400 [6,227]	8.0 [20.32]	8.00 [20.32]	0.1
BDS100U	\$07#h:	PDF	1.00-1.25 [2.54-3.17]	1,500 [6,672]	9.0 [22.86]	9.50 [24.13]	0.2

Bus Drop Safety Springs

Part Number	Price	Drawing Link	Diameter Inches [cm]	Approximate Breaking Strength Pounds [Newtons]	Length Inches [cm]	Maximum Deflection	Weight [lb]
S40	\$7#p:	PDF	0.75 [1.90]	500 [2,224]	8.25 [20.95]	2¾ inch at 40 lbs. [6.67 cm at 178 N]	0.2
S80	\$07#q:	PDF	1.00 [2.54]	850 [3,781]	8.25 [20.95]	31/8 inch at 80 lbs. [7.94 cm at 356 N]	0.4



CAUTION: Never use grip to approximate breaking strength. Refer to technical data page for safety and working load factors. Banding is necessary to guard against accidental release of grip and provide maximum reliability.

BRYANT®

Light Duty Low Tension Pulling Grips

Features

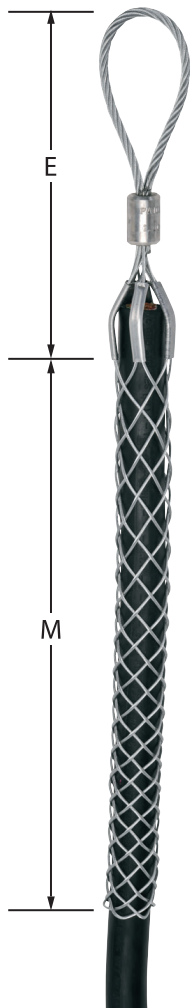
- Flexible eye
- Single weave variable mesh provides uniform positive gripping power
- High strength galvanized steel
- Reusable
- Easily mates with swivel and link type connections
- Tubular metal shoulders protect cable ends
- Easily installed on cable

Applications

- Utility work
- Service lines in industrial and commercial buildings
- Light-duty underground transmission lines stringing

Agency Approvals

- CSA Certified File LR701228

**PA150**

E = Eye Length
M = Mesh Length

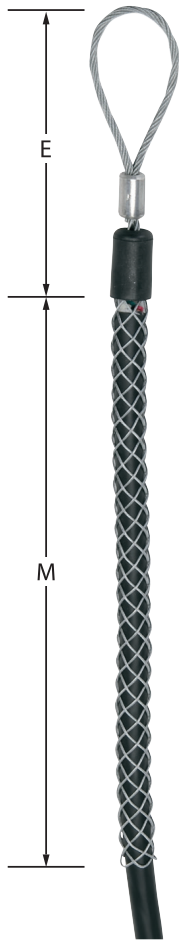
Bryant® Flexible Eye, Closed Mesh Light Duty Low Tension Pulling Grips							
Part Number	Price	Drawing Link	Cable Diameter Range Inches [cm]	Approximate Breaking Strength [Pounds/Newtons]	Eye Length Inches [cm]	Mesh Length Inches [cm]	Weight [lb]
PA075	\$,07!7:	PDF	0.75-0.99 [1.90-2.51]	4,000 [17,792]	6.0 [15.24]	12.0 [30.48]	0.3
PA100	\$,07!8:	PDF	1.00-1.24 [2.54-3.15]	5,300 [23,574]	7.0 [17.78]	13.0 [33.02]	0.4
PA125	\$,07!9:	PDF	1.25-1.49 [3.17-3.78]	5,300 [23,574]	7.0 [17.78]	14.0 [35.56]	0.4
PA150	\$,07!a:	PDF	1.50-1.74 [3.81-4.42]	6,800 [30,246]	8.0 [20.32]	15.0 [38.10]	0.6



CAUTION: Never use grip to approximate breaking strength. Refer to technical data page for safety and working load factors. Banding is necessary to guard against accidental release of grip and provide maximum reliability.

BRYANT®

Junior Low Tension Pulling Grips

**PJ075**

E = Eye Length
M = Mesh Length

Features

- Single weave variable mesh provides uniform positive grip power
- High strength galvanized steel
- Flexible eye easily attaches to pulling line snake or fish tape
- Reusable
- Pulls one or several cables
- Installs easily over building wire

Applications

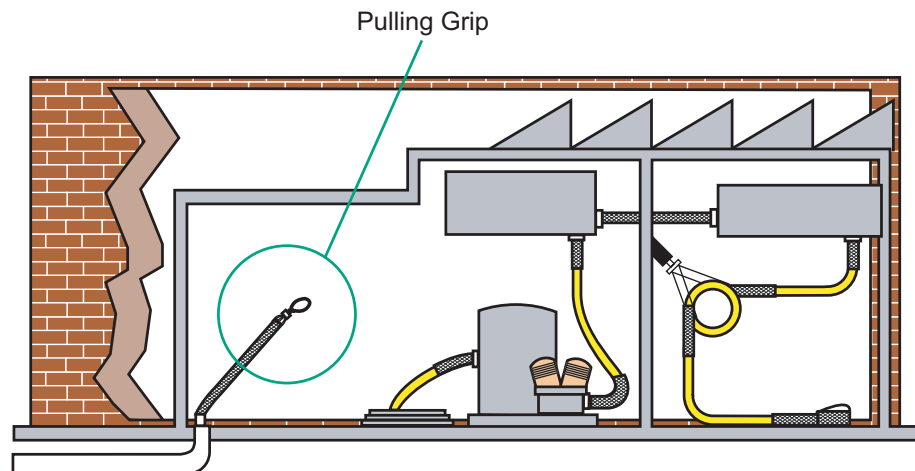
- Utility work
- Service lines in industrial and commercial buildings
- Light-duty underground transmission lines stringing

Agency Approvals

- CSA Certified File LR701228

Bryant® Flexible Eye, Closed Mesh Junior Low Tension Pulling Grips

Part Number	Price	Drawing Link	Cable Diameter Range Inches [cm]	Approximate Breaking Strength [Pounds/Newtons]	Eye Length Inches [cm]	Mesh Length Inches [cm]	Weight [lb]
PJ025	\$;07!b:	PDF	0.25-0.36 [0.63-0.91]	450 [2,002]	3.25 [8.25]	4.25 [10.79]	0.1
PJ037	\$;07!c:	PDF	0.37-0.49 [0.94-1.24]	900 [4,003]	3.75 [9.52]	7.00 [17.78]	0.1
PJ050	\$;07!d:	PDF	0.50-0.61 [1.27-1.55]	1,300 [5,782]	4.25 [10.79]	8.50 [21.59]	0.1
PJ062	\$;07!e:	PDF	0.62-0.74 [1.57-1.88]	1,950 [8,674]	5.00 [12.70]	10.00 [25.40]	0.1
PJ075	\$;07!f:	PDF	0.75-0.99 [1.90-2.51]	2,800 [12,454]	5.75 [14.60]	10.00 [25.40]	0.2
PJ100	\$;07!g:	PDF	1.00-1.24 [2.54-3.15]	3,900 [17,347]	6.50 [16.51]	11.50 [29.21]	0.3



CAUTION: Never use grip to approximate breaking strength. Refer to technical data page for safety and working load factors. Banding is necessary to guard against accidental release of grip and provide maximum reliability.

Technical Data

Working Load Factors for Wire Mesh Grips

There are many variables associated with the use of wire mesh cable grips. Working load is an estimation of several factors including tension, cable diameter, number of cables gripped, gripping surface and more. Safety factors associated in the product's use must be considered together with the effects of abrasion, corrosion, prior use and abuse and other variables specific to the application.

The appropriate breaking strength of a Bryant® cable grip represents an average calculation based on data established from actual testing performed in our engineering laboratories. Under

normal usage conditions, the recommended factor of safety is 5 for pulling grips and 10 for support grips.

Any warranty as to quality, performance of fitness-for-use of the grips is always premised on the condition that the published strengths apply only to new, unused grips, and that such products are properly stored, handled, used, maintained and inspected by the user at a frequency appropriate for the use and condition of the grip.

Example

Grip Style	Part Number	Approximate Breaking Strength	Safety Factor	Max. Recommended Load
Pulling	PA075	4000 lbs.	5	800 lbs.
Support	SPC150U	1610 lbs.	10	161 lbs.

Note: The maximum recommended working load is the greatest tension to be exerted on a grip for any application, with a margin of safety to protect against unforeseen and unusual circumstances.

Wire Mesh Grip Materials

Material	Features	Product Group
Galvanized steel wire	High strength Not subject to continuous outside environment	Pulling grips Bus drop grips Strain relief grips
Tin-Coated bronze wire	Corrosion-resistant for normal outside areas Non-magnetic Moderate strength	Support grips
Stainless steel wire [302/304]	Corrosion resistant	Strain relief grips

Applicable Code Requirements:

Bryant Economy Cable Grips meet the following requirements

NEC® 300.19	Support of conductors in vertical raceways
NEC® 350	Liquidtight flexible metal conduit termination
NEC® 400.14	Flexible cord and cable protection
NEC® 400.10	Strain relief at joints and terminals

Operating Temperatures

Material	Temperature Range
Aluminum	-40 to +300°F [-40 to +149°C]
Aluminum Deluxe Cord Grips	-30 to +240°F [-34 to +115°C]

Flammability [Non-metallic deluxe cord Grips will not support combustion]

Component	Rating
Mesh Grip	UL 94HB
Fitting	UL 94V-2

Hazardous Locations

	Product Categories
The product categories listed on the right are suitable for use in hazardous locations per Class I Div. 2, Class II Div. 1 & 2, Class III Div. 1 & 2	Deluxe cord grip, aluminum fitting Dust-tight strain relief grips

Wet Locations

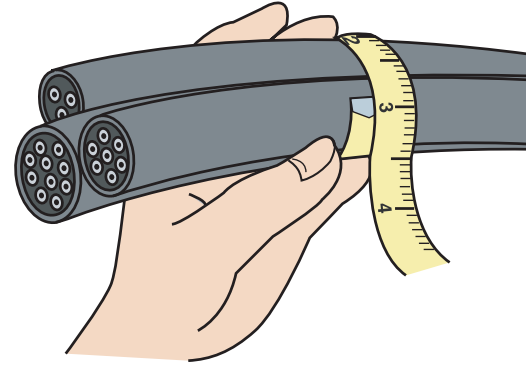
	Product Categories
The products noted to the right are suitable for use in wet locations when a listed sealing ring is used between box and fitting	Deluxe cord grip, aluminum fitting

Multiple Cable/Grip Selection Chart

Multiple Cable Selection Charts for Cables and Wires of Unequal Diameters

How to choose the correct grip size:

1. Find the grip circumference range by measuring the circumference of the bundle of different diameter cables to be gripped [see illustration].
2. Divide the bundle circumference by 3.14 to determine the diameter.
3. Choose a grip offering a range of cable diameters the same as the cable diameter.



Selection Chart for Determining Grip Size for Multiple Equal Diameter Cables Held in a Single Grip

1. Under "Number of Cables in One Grip", find the diameter range of your cables in vertical column. Read Grip Size and Grip Diameter Range to the left.

2. If your diameter is the maximum of the range shown, stay with the same size grip.

3. Example: 3 cables, each with 0.89" [2.26 cm] diameter, select a 1.50"-1.74" [3.81 cm - 4.42 cm] range or 150 Grip Size.

Number of Cables in One Grip									
	Grip Size	Grip Dia. Range Inches [cm]	2	3	4	5	6 / 7	8	9
Pulling and Support	50	0.50-0.61 [1.27-1.55]	0.30-0.38 [0.76-0.97]	0.25-0.31 [0.63-0.79]	0.22-0.27 [0.56-0.69]	0.19-0.24 [0.48-0.61]	0.17-0.22 [0.43-0.56]	0.15-0.19 [0.38-0.48]	0.14-0.18 [0.36-0.46]
	62	0.62-0.74 [1.57-1.88]	0.38-0.44 [0.97-1.12]	0.31-0.36 [0.79-0.91]	0.27-0.31 [0.69-0.79]	0.24-0.29 [0.61-0.74]	0.22-0.26 [0.56-0.66]	0.19-0.23 [0.48-0.58]	0.18-0.21 [0.46-0.53]
	75	0.75-0.99 [1.90-2.51]	0.44-0.59 [1.12-1.50]	0.36-0.49 [0.91-1.24]	0.31-0.42 [0.79-1.07]	0.29-0.38 [0.74-0.97]	0.26-0.34 [0.66-0.86]	0.23-0.31 [0.58-0.79]	0.21-0.28 [0.53-0.71]
	100	1.00-1.24 [2.54-3.15]	0.59-0.75 [1.50-1.90]	0.49-0.63 [1.24-1.60]	0.42-0.54 [1.07-1.37]	0.38-0.48 [0.97-1.22]	0.34-0.43 [0.86-1.09]	0.31-0.39 [0.79-0.99]	0.28-0.35 [0.71-0.89]
	125	1.25-1.49 [3.17-3.78]	0.75-0.90 [1.90-2.29]	0.63-0.76 [1.60-1.93]	0.54-0.65 [1.37-1.65]	0.48-0.58 [1.22-1.47]	0.43-0.52 [1.09-1.32]	0.39-0.46 [0.99-1.17]	0.35-0.42 [0.89-1.07]
	150	1.50-1.74 [3.81-4.42]	0.90-1.07 [2.29-2.72]	0.76-0.89 [1.93-2.26]	0.65-0.77 [1.65-1.96]	0.58-0.67 [1.47-1.70]	0.52-0.60 [1.32-1.52]	0.46-0.54 [1.17-1.37]	0.42-0.49 [1.07-1.24]
	175	1.75-1.99 [4.44-5.05]	1.07-1.22 [2.72-3.10]	0.89-1.02 [2.26-2.59]	0.77-0.88 [1.96-2.24]	0.67-0.77 [1.70-1.96]	0.60-0.69 [1.52-1.75]	0.54-0.62 [1.37-1.57]	0.49-0.56 [1.24-1.42]
	200	2.00-2.49 [5.08-6.32]	1.22-1.53 [3.10-3.89]	1.02-1.28 [2.59-3.25]	0.88-1.10 [2.24-2.79]	0.77-0.96 [1.96-2.44]	0.69-0.86 [1.75-2.18]	0.62-0.77 [1.57-1.96]	0.56-0.71 [1.42-1.80]
	250	2.50-2.99 [6.35-7.59]	1.53-1.83 [3.89-4.65]	1.28-1.53 [3.25-3.89]	1.10-1.32 [2.79-3.35]	0.96-1.16 [2.44-2.95]	0.86-1.03 [2.18-2.62]	0.77-0.93 [1.96-2.36]	0.71-0.85 [1.80-2.16]
	300	3.00-3.49 [7.62-8.86]	1.83-2.14 [4.65-5.44]	1.53-1.79 [3.89-4.55]	1.32-1.54 [3.35-3.91]	1.16-1.35 [2.95-3.43]	1.03-1.20 [2.62-3.05]	0.93-1.08 [2.36-2.74]	0.85-0.99 [2.16-2.51]
	350	3.50-3.99 [8.89-10.13]	2.14-2.44 [5.44-6.20]	1.79-2.05 [4.55-5.21]	1.54-1.76 [3.91-4.47]	1.35-1.54 [3.43-3.91]	1.20-1.37 [3.05-3.48]	1.08-1.24 [2.74-3.15]	0.99-1.13 [2.51-2.87]
	400	4.00-4.49 [10.16-11.40]	2.44-2.75 [6.20-6.98]	2.05-2.30 [5.21-5.84]	1.76-1.98 [4.47-5.03]	1.54-1.74 [3.91-4.42]	1.37-1.55 [3.48-3.94]	1.24-1.39 [3.15-3.53]	1.13-1.27 [2.87-3.23]
	450	4.50-4.99 [11.43-12.67]	2.75-3.06 [6.98-7.77]	2.30-2.56 [5.84-6.50]	1.98-2.20 [5.03-5.59]	1.74-1.93 [4.42-4.90]	1.55-1.72 [3.94-4.37]	1.39-1.55 [3.53-3.94]	1.27-1.41 [3.23-3.58]

BRYANT® IEC 60309 Pin and Sleeve Devices

Overview

Watertight Devices

Bryant IEC pin and sleeve devices are rugged nonconductive plugs, connectors, receptacles, and inlets designed to withstand heavy-duty industrial environments while maintaining a reliable electrical and watertight connection that resists accidental disconnection. Bryant's pin and sleeve line safeguards against connecting devices of different amperage and voltage ratings together. Conformance with IEC 60309-1 and IEC 60309-2 international standards results in standardized configurations that are easy to use.



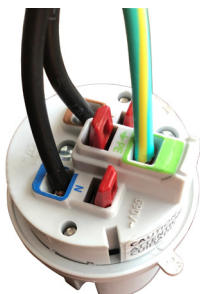
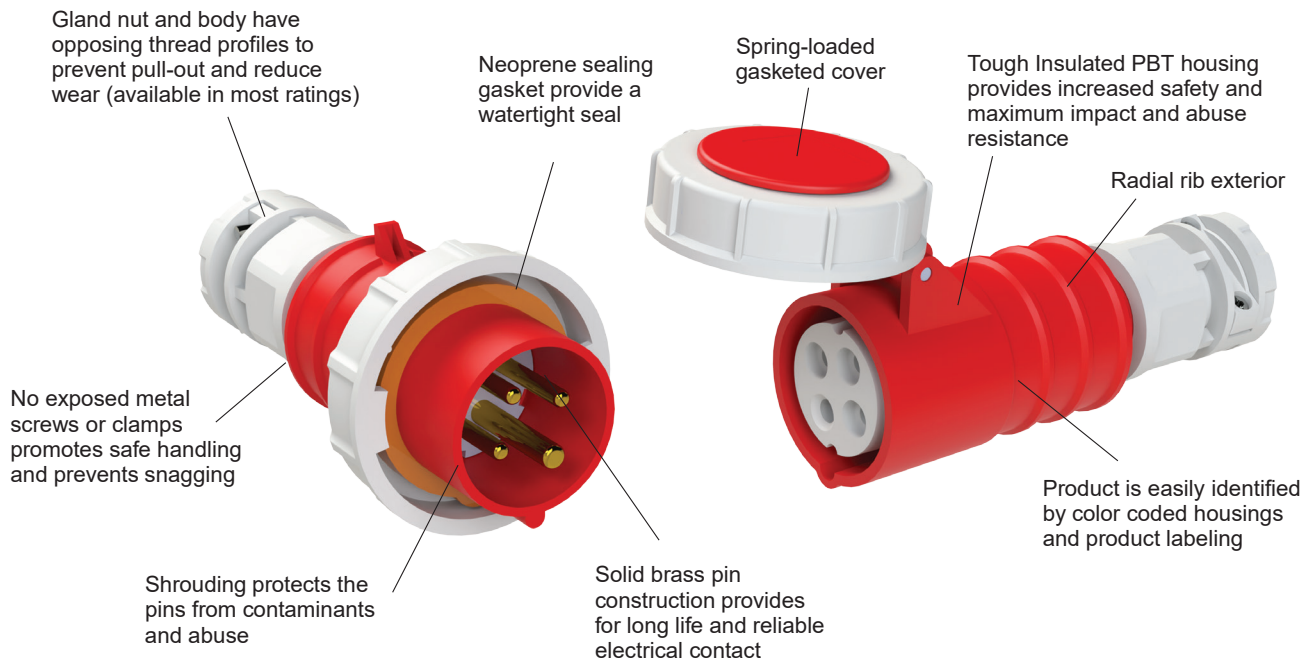
Features:

- IP67 environmental ratings
- Impact and corrosion resistant insulated non-metallic housing
- Sequential contact engagement to prevent a momentary over-voltage
- External strain relief
- Glandless water ingress protection
- Color-coded for each specific voltage
- Self-adjusting contacts provide accurate pin insertion, producing self-cleaning effect as pin is inserted and withdrawn from sleeve
- Phase contacts are recessed in deep insulated chambers to minimize arcing
- Ground contact in forward position ensures first make, last break, neutral contact connects next, then phase contacts
- Terminal screws are backed out for easy assembly

Agency Approvals:

- UL1686 Safety for Pin & Sleeve Configurations
- VDE, CE
- IEC 60309-1 and 60309-2
- *UL Listed & cUL Listed File E146033 or E146032

**To obtain the most current agency approval information, see the Agency Compliance & Certifications Checklist section on the specific part number's web page.*



30 Amp Spring Clamp

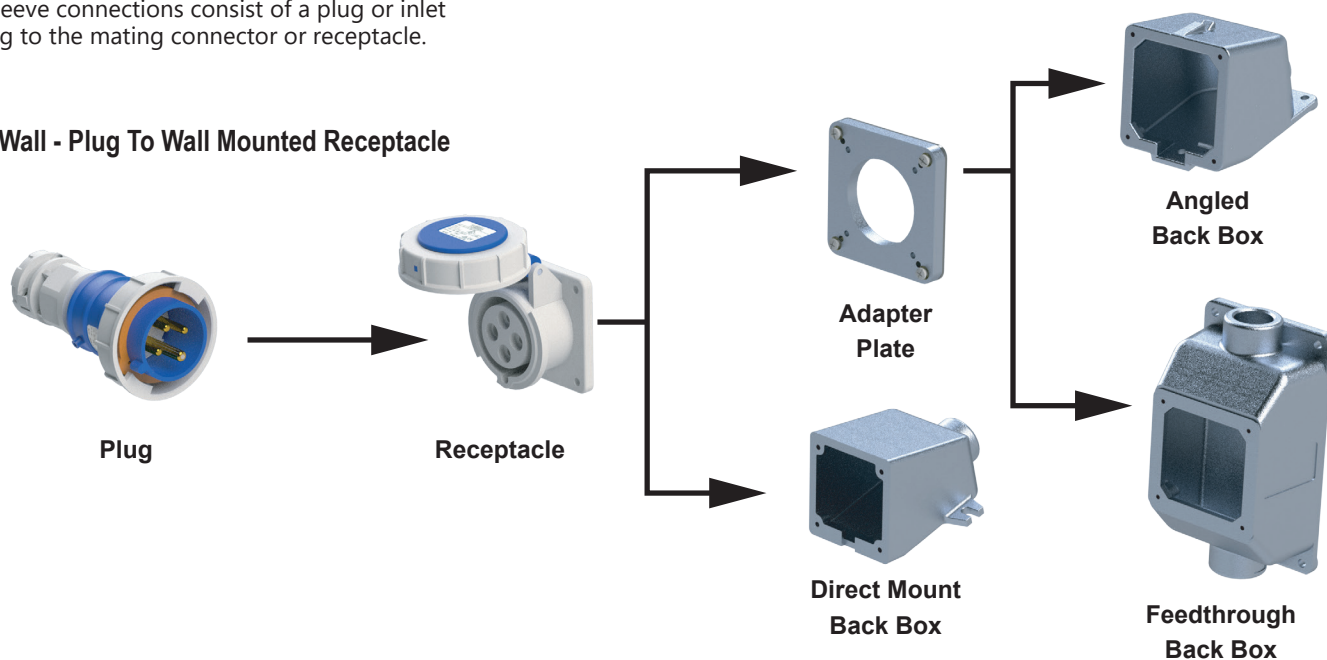
- Strong spring continuously applies pressures as strands relax
- Eliminates timely step of adding ferrules
- No torque screwdriver required
- UL approved screwless termination for 30 Amp Devices

BRYANT® IEC 60309 Pin and Sleeve Devices

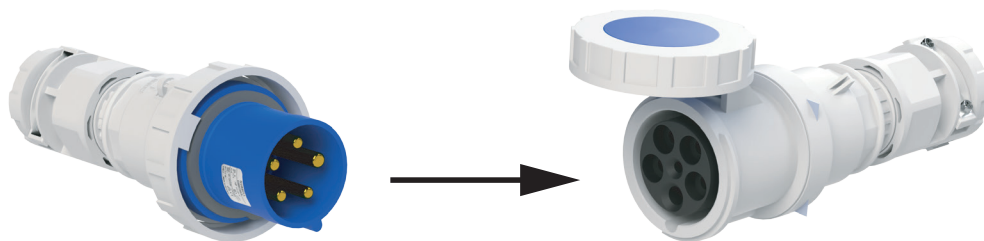
Device Selection

Pin and Sleeve connections consist of a plug or inlet connecting to the mating connector or receptacle.

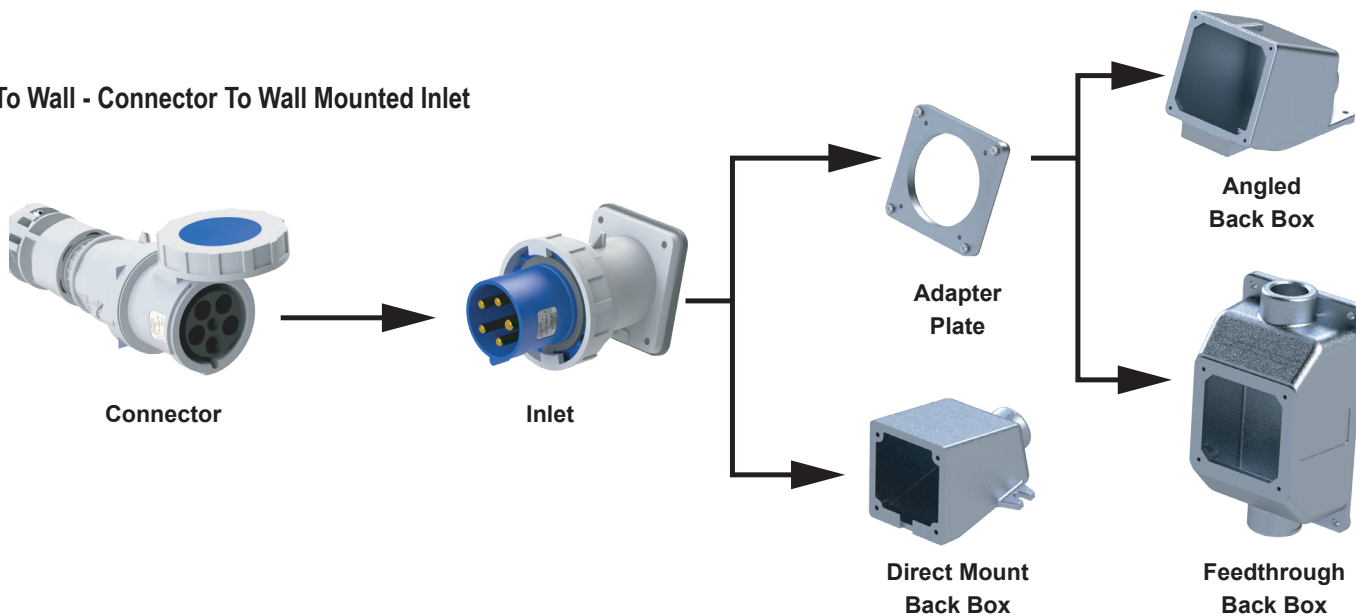
Cord To Wall - Plug To Wall Mounted Receptacle



Cord To Cord - Plug To Connector

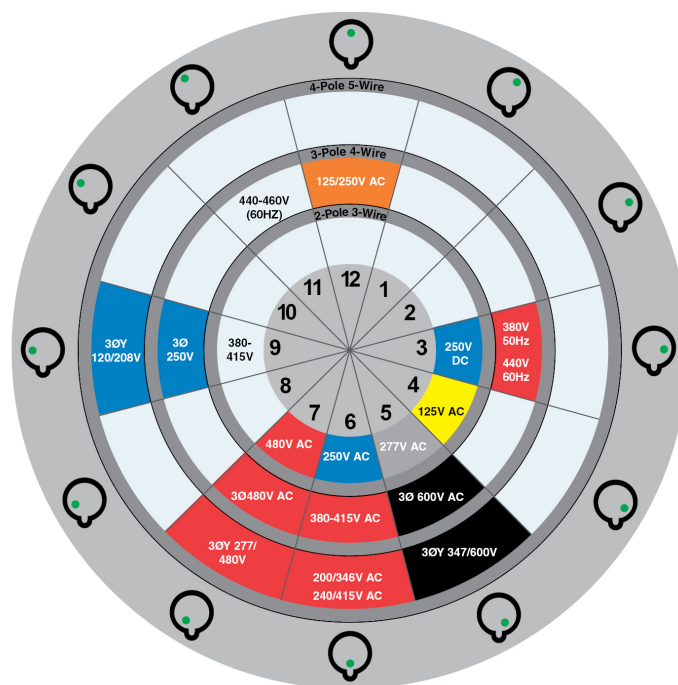


Cord To Wall - Connector To Wall Mounted Inlet



BRYANT® IEC 60309 Pin and Sleeve Devices

Specifications



The housing keyway is always located at the 6 o'clock position on all female devices and is clearly visible to the user.



IEC Pin & Sleeve device housings are color coded by voltage rating for easy identification.

Rated Voltage	Color
100V-130V	Yellow
125V/250V	Orange
200V-250V	Blue
277V	Grey
380V-480V	Red
500V and above	Black

The voltage rating can be identified by the clock position of the female grounding sleeve relative to the housing keyway. With the keyway always positioned at 6 o'clock, the female grounding sleeve is located at a specific clock position for each voltage rating.

Allowable Conductors							
Device	From			To			Grip
	AWG	Cond	Type	AWG	Cond	Type	Min/Max Diameter
20A	#14	3	SJOOW	#12	3	S	0.370 / 0.595
		4			4		0.410 / 0.650
		5			5		0.650 / 0.710
30A	#10	3	TC-ER	#8	3	TC-ER	0.565 / 0.930
		4			4		0.625 / 1.05
		5			5		0.61 min
60A	#6	3	S	#4	3	SO	0.760 / 1.15
		4			4		0.970 / 1.450
		5			5		1.050 / 1.450
100A	#4	3	W	#1	3	W	1.180 / 1.450
		4			4		1.050 / 1.510
		5			5		0.905 / 1.680
							1.063 / 1.880

Device Rating					
	Domestic	20A	30A	60A	100A
Strip Cable Jacket	inch	2	2 1/2	3 1/2	4 1/2
	mm	51	70	89	114
Conductor Strip Length	inch	1	1/2	1	1 1/2
	mm	25	12	25	40
Torque Terminal Screws	lb•in	8	—	23	50
	N•m	0.9	—	2.5	5.7
Torque Clamp Screws	lb•in	10	17	15	15
	N•m	1.25	2.00	1.75	1.75
Torque External Cord Clamp	lb•in	61	84	177	194
	N•m	7	9.5	20	22

BRYANT® IEC 60309 Pin and Sleeve Devices

Materials and Specifications

Bryant IEC 60309 Pin and Sleeve Materials	
Plug/Connectors	
Housing, gland nut and cord clamp accessory	Toughened nylon
Cord gland	Neoprene
Seals/gaskets	Neoprene, EPDM, TPE
Phase/ground pins	Brass
Terminal screws	Plated steel
Terminal cover	Toughened nylon Glass-reinforced Nylon (100A)
Contact carrier	Glass-reinforced nylon Nylon (60A)
Gland friction washer	Plated carbon steel (30/60/100A) Nylon (20A)
Assembly screws	Stainless steel (60/100A) Plated steel (20/30A)
Plug	
Locking ring	Polycarbonate
Connector	
Cover ring	Polycarbonate
Cover spring	Stainless steel
Hinge pins	Brass
Sleeve spring	Nickel-plated spring steel
Receptacle/Inlet	
Housing/mounting flange	Toughened Nylon
Mounting screws	Stainless steel
Seals/gaskets	Neoprene, EPDM, TPE
Phase/ground pins	Brass
Terminal screws	Plated steel
Terminal cover	Toughened Nylon Glass-reinforced Nylon (100A)
Contact carrier	Glass-reinforced nylon Nylon (60A)
Receptacle	
Cover arm	Toughened nylon
Cover ring	Polycarbonate
Sleeve spring	Nickel-plated spring steel
Hinge pins	Brass
Inlet	
Mounting flange	Toughened nylon
Locking ring	Polycarbonate
Assembly screws	Stainless steel (60/100A) Plated steel (20/30A)

Bryant IEC 60309 Pin and Sleeve Specifications	
Electrical	
Dielectric voltage withstand	3,000 Volts - receptacle 2,200 Volts - plug and connector
Max. working voltage	600 VAC
Spacings	1/4 inch minimum creepage and clearance per UL 1682
Current interrupting	Certified for current interrupting at full rated current where applicable per UL 1682
Temperature rise	Less than 30°C temperature rise at full rated current after 50 cycles of overload tested at 150% of rated current at 0.75 pf.
Endurance	Up to 5,000 connect and disconnect cycles at full rated current and voltage per UL1682
Mechanical	
Impact resistance	After 6 hours at -25°C, 8 drops from 2 1/2" with 7 1/2" length cord
Mechanical crush test	250 lbs force for 1 minute after 6 hours at -25°C
Terminal identification	Terminals identified in accordance with North American Codes
Product identification	Catalog number and rating indicated on device
Environmental	
Moisture resistance	Submerged 30 minutes in water 1 meter in depth
Flammability (enclosure)	V2 minimum per UL94
Operating temperatures	Maximum continuous 95°C with impact Minimum continuous at -40°C without impact
Ingress protection	IP67 suitability
Polarization integrity	Mating devices will not energize ground if polarization feature is removed from housing and 40 lbs force is applied

BRYANT® IEC 60309 Pin and Sleeve Devices

2-Pole, 3-Wire Devices 20, 30 and 60 Amp



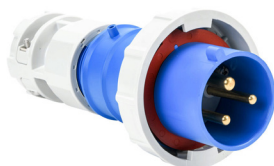
BRY320P4W



BRY320R6W



BRY330C4W



BRY330P6W



BRY360C6W

2-Pole, 3-Wire 20, 30 and 60 Amp

Amps		Voltage		Color	Clock Position	Wire Size	Terminal Type	Cord Diameter (Inch)	Device	Reference Number	Part Number	Price	Drawing Link
UL	VDE	UL	VDE										
20	—	125 VAC	—	Yellow	4 hour	14-12 AWG	Screw	0.37 - 0.595	Plug	C320P4WA	<u>BRY320P4W</u>	Retired	PDF
									Connector	C320C4WA	<u>BRY320C4W</u>	\$,519[:	PDF
									Receptacle	C320R4WA	<u>BRY320R4W</u>	\$519_:	PDF
	16	250 VAC	200-250 VAC	Blue	6 hour	14-12 AWG	Screw	0.37 - 0.595	Plug	C320P6WA	<u>BRY320P6W</u>	\$519#:	PDF
									Connector	C320C6WA	<u>BRY320C6W</u>	\$,519!:	PDF
									Receptacle	C320R6WA	<u>BRY320R6W</u>	\$519u:	PDF
30	—	125 VAC	—	Yellow	4 hour	10-8 AWG	Spring	0.565 - 0.93	Plug	C330P4WA	<u>BRY330P4W</u>	Retired	PDF
									Connector	C330C4WA	<u>BRY330C4W</u>	Retired	PDF
									Receptacle	C330R4WA	<u>BRY330R4W</u>	Retired	PDF
	32	250 VAC	200-250 VAC	Blue	6 hour	10-8 AWG	Spring	0.565 - 0.93	Plug	C330P6WA	<u>BRY330P6W</u>	\$051a3:	PDF
									Connector	C330C6WA	<u>BRY330C6W</u>	\$051a4:	PDF
									Receptacle	C330R6WA	<u>BRY330R6W</u>	\$051a5:	PDF
60	63	250 VAC	200-250 VAC	Blue	6 hour	6-4 AWG	Screw	0.97 - 1.45	Plug	C360P6WA	<u>BRY360P6W</u>	\$-051a1:	PDF
									Connector	C360C6WA	<u>BRY360C6W</u>	\$051an:	PDF
									Receptacle	C360R6WA	<u>BRY360R6W</u>	\$051ao:	PDF

BRYANT® IEC 60309 Pin and Sleeve Devices

3-Pole, 4-Wire Devices 20 and 30 Amp



BRY420P9W



BRY430P9W



BRY420C7W



BRY430C7W



BRY430R5W

3-Pole, 4-Wire 20 and 30 Amp													
Amps		Voltage		Color	Clock Position	Wire Size	Terminal Type	Cord Diameter (Inch)	Device	Reference Number	Part Number	Price	Drawing Link
UL	VDE	UL	VDE										
20	16	3Ø 250 VAC	200-250 VAC	Blue	9 hour	14-12 AWG	Screw	0.41 - 0.65	Plug	C420P9WA	<u>BRY420P9W</u>	\$519z:	<u>PDF</u>
									Connector	C420C9WA	<u>BRY420C9W</u>	\$519?:	<u>PDF</u>
								—	Receptacle	C420R9WA	<u>BRY420R9W</u>	\$.519.:	<u>PDF</u>
	—	3Ø 480 VAC	—	Red	7 hour	14-12 AWG	Screw	0.41 - 0.65	Plug	C420P7WA	<u>BRY420P7W</u>	\$519v:	<u>PDF</u>
									Connector	C420C7WA	<u>BRY420C7W</u>	\$519x:	<u>PDF</u>
								—	Receptacle	C420R7WA	<u>BRY420R7W</u>	\$519y:	<u>PDF</u>
30	32	3Ø 250 VAC	200-250 VAC	Blue	9 hour	10-8 AWG	Spring	0.625 - 1.05	Plug	C430P9WA	<u>BRY430P9W</u>	\$.051af:	<u>PDF</u>
									Connector	C430C9WA	<u>BRY430C9W</u>	\$051ag:	<u>PDF</u>
								—	Receptacle	C430R9WA	<u>BRY430R9W</u>	\$051ah:	<u>PDF</u>
	—	3Ø 480 VAC	—	Red	7 hour	10-8 AWG	Spring	0.625 - 1.05	Plug	C430P7WA	<u>BRY430P7W</u>	\$051ac:	<u>PDF</u>
									Connector	C430C7WA	<u>BRY430C7W</u>	\$051ad:	<u>PDF</u>
								—	Receptacle	C430R7WA	<u>BRY430R7W</u>	\$051ae:	<u>PDF</u>
	—	3Ø 600 VAC	—	Black	5 hour	10-8 AWG	Spring	0.625 - 1.05	Plug	C430P5WA	<u>BRY430P5W</u>	\$051a9:	<u>PDF</u>
									Connector	C430C5WA	<u>BRY430C5W</u>	\$051aa:	<u>PDF</u>
								—	Receptacle	C430R5WA	<u>BRY430R5W</u>	\$051ab:	<u>PDF</u>

BRYANT® IEC 60309 Pin and Sleeve Devices

3-Pole, 4-Wire Devices 60 and 100 Amp

**BRY460P9W****BRY460C7W****BRY460R5W****BRY4100P9W****BRY4100C7W****BRY4100R5W**

3-Pole, 4-Wire 60 and 100 Amp

Amps		Voltage		Color	Clock Position	Wire Size	Terminal Type	Cord Diameter (Inch)	Device	Reference Number	Part Number	Price	Drawing Link
UL	VDE	UL	VDE										
60	63	3Ø 250 VAC	200-250 VAC	Blue	9 hour	6-4 AWG	Screw	1.05 - 1.45	Plug	C460P9WA	<u>BRY460P9W</u>	\$,051a):	PDF
									Connector	C460C9WA	<u>BRY460C9W</u>	\$,051a):	PDF
									Receptacle	C460R9WA	<u>BRY460R9W</u>	\$051a):	PDF
	—	3Ø 480 VAC	—	Red	7 hour	6-4 AWG	Screw	1.05 - 1.45	Plug	C460P7WA	<u>BRY460P7W</u>	\$051ax:	PDF
									Connector	C460C7WA	<u>BRY460C7W</u>	\$051ay:	PDF
									Receptacle	C460R7WA	<u>BRY460R7W</u>	\$051az:	PDF
	—	3Ø 600 VAC	—	Black	5 hour	6-4 AWG	Screw	1.05 - 1.45	Plug	C460P5WA	<u>BRY460P5W</u>	\$,051at:	PDF
									Connector	C460C5WA	<u>BRY460C5W</u>	\$051au:	PDF
									Receptacle	C460R5WA	<u>BRY460R5W</u>	\$051av:	PDF
100	125	3Ø 250 VAC	200-250 VAC	Blue	9 hour	4-1 AWG	Screw	0.905 - 1.68	Plug	C4100P9WA	<u>BRY4100P9W</u>	\$051bd:	PDF
									Connector	C4100C9WA	<u>BRY4100C9W</u>	\$051be:	PDF
									Receptacle	C4100R9WA	<u>BRY4100R9W</u>	\$,051bf:	PDF
	—	3Ø 480 VAC	—	Red	7 hour	4-1 AWG	Screw	0.905 - 1.68	Plug	C4100P7WA	<u>BRY4100P7W</u>	\$051ba:	PDF
									Connector	C4100C7WA	<u>BRY4100C7W</u>	\$051bb:	PDF
									Receptacle	C4100R7WA	<u>BRY4100R7W</u>	\$051bc:	PDF
	—	3Ø 600 VAC	—	Black	5 hour	4-1 AWG	Screw	0.905 - 1.68	Plug	C4100P5WA	<u>BRY4100P5W</u>	\$051b7:	PDF
									Connector	C4100C5WA	<u>BRY4100C5W</u>	\$051b8:	PDF
									Receptacle	C4100R5WA	<u>BRY4100R5W</u>	\$051b9:	PDF

BRYANT® IEC 60309 Pin and Sleeve Devices

4-Pole, 5-Wire Devices 30, 60 and 100 Amp



BRY530P7W



BRY560C9W



BRY560R7W



BRY5100P9W

4-Pole, 5-Wire 30, 60 and 100 Amp														
Amps		Voltage		Color	Clock Position	Wire Size	Terminal Type	Cord Diameter (Inch)	Device	Reference Number	Part Number	Price	Drawing Link	
UL	VDE	UL	VDE											
30	—	3ØY 277/480VAC	—	Red	7 hour	10-8 AWG	Spring	0.76 - 1.15	Plug	C530P7WA	<u>BRY530P7W</u>	\$-051ai:	PDF	
									Connector	C530C7WA	<u>BRY530C7W</u>	\$-051aj:	PDF	
									—	Receptacle	C530R7WA	<u>BRY530R7W</u>	\$051ak:	PDF
60	63	3ØY 120/208 VAC	120/208-144/250 VAC	Blue	9 hour	6-4 AWG	Screw	1.18 - 1.45	Plug	C560P9WA	<u>BRY560P9W</u>	;\$051a.:	PDF	
									Connector	C560C9WA	<u>BRY560C9W</u>	\$051b0:	PDF	
									—	Receptacle	C560R9WA	<u>BRY560R9W</u>	\$051b1:	PDF
	—	3ØY 277/480 VAC	—	Red	7 hour	6-4 AWG	Screw	1.18 - 1.45	—	Inlet	C560B9WA	<u>BRY560B9W</u>	\$051b2:	PDF
									Plug	C560P7WA	<u>BRY560P7W</u>	\$051a#:	PDF	
									Connector	C560C7WA	<u>BRY560C7W</u>	;\$051a!:	PDF	
100	125	3ØY 120/208 VAC	120/208-144/250 VAC	Blue	9 hour	4-1 AWG	Screw	1.063 - 1.88	—	Receptacle	C560R7WA	<u>BRY560R7W</u>	\$051a?:	PDF
									Plug	C5100P9WA	<u>BRY5100P9W</u>	\$051bg:	PDF	
									Connector	C5100C9WA	<u>BRY5100C9W</u>	\$051bh:	PDF	
									—	Receptacle	C5100R9WA	<u>BRY5100R9W</u>	\$-051bi:	PDF

BRYANT® IEC 60309 Pin and Sleeve Accessories

Features

- Back box features heavy duty cast aluminum construction with a durable enamel finish
- Adapter plates allow receptacles and inlets to be mounted to back boxes
- Cast aluminum direct mount back boxes permit receptacles to be mounted directly to box without adapter plate
- Closure caps provide a watertight seal for male plugs and flanged inlets when not mated

Nema Type 1 Portable Outlet Box Cover Plates Selection Chart						
For Use With	Hub Size (inches)	Back Boxes			Adapter Plates	Direct Mount Back Boxes
		For Mounting Receptacles and Inlets			Required to mount receptacles and inlets to back boxes	15° Angle
		15° Angle	Feed-through	Four-Way		
20 and 30A	3/4	BB201WA*	FT202WA*	—	AP2030	DM20301
	1	BB301WA**	FT302WA*	—		—
60A	1-1/4	BB601WA*	—	—	AP60	DM602
	1-1/2	BB602WA*	—	FW60100A**		—
100A	1-1/2	BB1001WA*	—	FW60100A**	AP100	—
	2	BB1002WA*	—	—		—

NOTE: *Adapter plates: 20/30A devices require [AP2030](#), 60A devices require [AP60](#) and 100A devices require [AP100](#) adapter plates, purchase separately.

**Requires [AP60](#) adapter plate to mount 60A receptacle or inlet. Requires [AP100](#) adapter plate to mount 100A receptacle or inlet.



[BB201WA](#)



[BB601WA](#)



[BB1002WA](#)

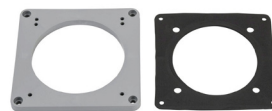
Dead End Back Boxes			
Part Number	Price	Description	Drawing Link
BB201WA	\$519g:	Bryant dead end back box, (1) 3/4in female NPT conduit entries, cast aluminum housing, gray. For use with Bryant 20A and 30A devices. Requires AP2030 adapter plate.	PDF
BB301WA	\$519h:	Bryant dead end back box, (1) 1in female NPT conduit entries, cast aluminum housing, gray. For use with Bryant 20A and 30A devices. Requires AP2030 adapter plate.	PDF
BB601WA	\$-0519i:	Bryant dead end back box, (1) 1-1/4in female NPT conduit entries, cast aluminum housing, gray. For use with Bryant 60A devices. Requires AP60 adapter plate.	PDF
BB602WA	\$-0519j:	Bryant dead end back box, (1) 1-1/2in female NPT conduit entries, cast aluminum housing, gray. For use with Bryant 60A devices. Requires AP60 adapter plate.	PDF
BB1001WA	\$0519k:	Bryant dead end back box, (1) 1-1/2in female NPT conduit entries, cast aluminum housing, gray. For use with Bryant 100A devices. Requires AP100 adapter plate.	PDF
BB1002WA	\$-0519l:	Bryant dead end back box, (1) 2in female NPT conduit entries, cast aluminum housing, gray. For use with Bryant 100A devices. Requires AP100 adapter plate.	PDF

BRYANT® IEC 60309 Pin and Sleeve Accessories

**FT202WA****FT302WA****FW60100A**

Back Boxes

Part Number	Price	Description	Drawing Link
<u>FT202WA</u>	\$0519n:	Bryant feed through back box, (2) 1in female NPT conduit entries, cast aluminum housing, gray. For use with Bryant 20A and 30A devices. Requires AP2030 adapter plate.	PDF
<u>FT302WA</u>	\$0519o:	Bryant feed through back box, (2) 3/4in female NPT conduit entries, cast aluminum housing, gray. For use with Bryant 20A and 30A devices. Requires AP2030 adapter plate.	PDF
<u>FW60100A</u>	\$0519p:	Bryant four-way back box, (1) 1-1/2in female NPT conduit entries, cast aluminum housing, gray. For use with Bryant 60A and 100A devices. Requires AP60 adapter plate for 60A devices or AP100 adapter plate for 100A devices.	PDF

**AP2030****AP60****AP100**

Adapter Plates

Part Number	Price	Description	Drawing Link
<u>AP2030</u>	\$5196:	Bryant adapter plate, nylon, gray. For use with Bryant back boxes using 20A and 30A devices.	PDF
<u>AP60</u>	\$5197:	Bryant adapter plate, nylon, gray. For use with Bryant back boxes using 60A devices.	PDF
<u>AP100</u>	\$5198:	Bryant adapter plate, nylon, gray. For use with Bryant back boxes using 100A devices.	PDF

BRYANT® IEC 60309 Pin and Sleeve Accessories

**DM20301****DM602**

Dead End Direct Mount Back Boxes			
Part Number	Price	Description	Drawing Link
<u>DM20301</u>	\$519q:	Bryant dead end direct mount back box, (1) 3/4in female NPT conduit entries, cast aluminum housing, gray. For use with Bryant 20A and 30A devices. Mounting hardware included.	<u>PDF</u>
<u>DM602</u>	\$0519s:	Bryant dead end direct mount back box, (1) 1-1/4in female NPT conduit entries, cast aluminum housing, gray. For use with Bryant 60A devices. AP60 adapter plate and mounting hardware included.	<u>PDF</u>



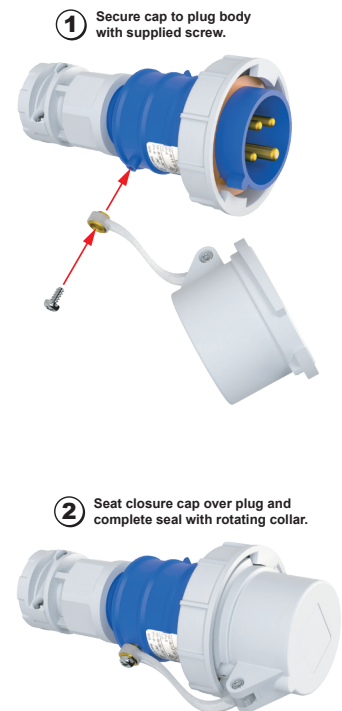
Closure Cap used with Inlets



Closure Cap used with Plugs



Closure Cap Assembly



Closure Caps					
For Use With		Part Number	Price	Description	Drawing Link
20A	3-Wire	<u>CC320A</u>	\$5199:	Bryant closure cap, nylon, white. For use with Bryant 20A 3-wire devices.	<u>PDF</u>
	4-Wire	<u>CC420A</u>	\$519a:	Bryant closure cap, nylon, white. For use with Bryant 20A 4-wire devices.	<u>PDF</u>
	5-Wire	<u>CC520</u>	\$519b:	Bryant closure cap, nylon, white. For use with Bryant 20A 5-wire devices.	<u>PDF</u>
30A	3-Wire/4-Wire	<u>CC330</u>	\$519c:	Bryant closure cap, nylon, white. For use with Bryant 30A 3- and 4-wire devices.	<u>PDF</u>
	5-Wire	<u>CC530</u>	\$519d:	Bryant closure cap, nylon, white. For use with Bryant 30A 5-wire devices.	<u>PDF</u>
60A	3-Wire/4-Wire/5-Wire	<u>CC560</u>	\$519e:	Bryant closure cap, nylon, white. For use with Bryant 60A 3-, 4- and 5-wire devices.	<u>PDF</u>
100A	3-Wire/4-Wire/5-Wire	<u>CC510</u>	\$;519f:	Bryant closure cap, nylon, white. For use with Bryant 100A 3-, 4-, and 5-wire devices.	<u>PDF</u>

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Wiring Devices – Product Features

Combination back and side wiring terminals accept #14 thru #8 AWG solid or stranded conductors

Captive terminal screws are deep slotted for easy installation

Base is molded of rugged reinforced thermoplastic polyester to minimize heat buildup and resist breakage. Thick wall construction provides terminal isolation and strong support for current-carrying parts

One-piece, rivet less copper-alloy contact design reduces heat buildup and provides secure blade retention

High strength #10 terminal screws resist corrosion and provide secure terminations

Captive, combination Slot/Phillips mounting screws

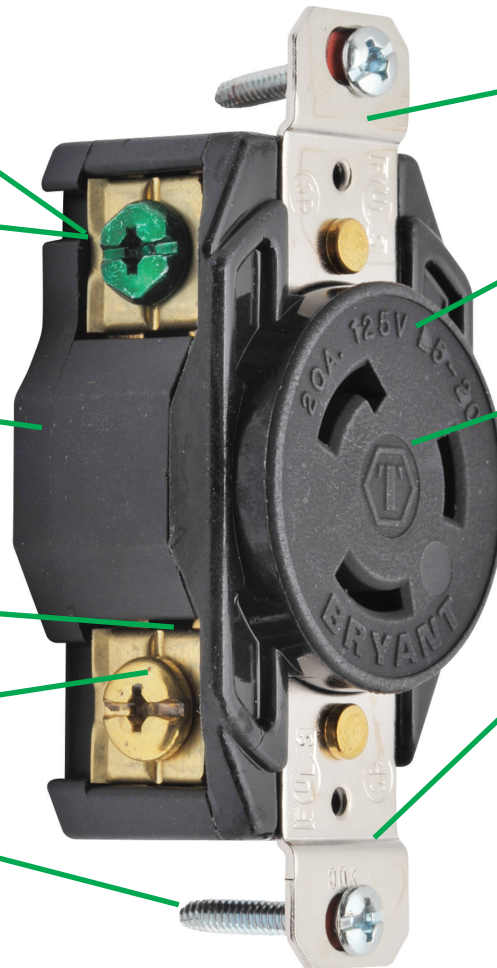
Heavy-duty mounting straps are nickel-plated to resist corrosion; wide width design assures secure assembly

NEMA rating and configuration are molded into face for easy identification

Face is molded of toughened nylon to resist breakage

Space-saving design allows more room in box for wiring

Both mounting straps are grounded for safe installations



70520FR

Wiring Device Selection

When selecting wiring devices, there are various plug options which will work with coordinating connectors or plugs.

Plug

Step 1



Some applications may require a wall receptacle to be used with the coordinating plug.

Step 2

- OR -

Other applications may require the use of a connector for extending the length of a cable with coordinating plug type.

Step 2

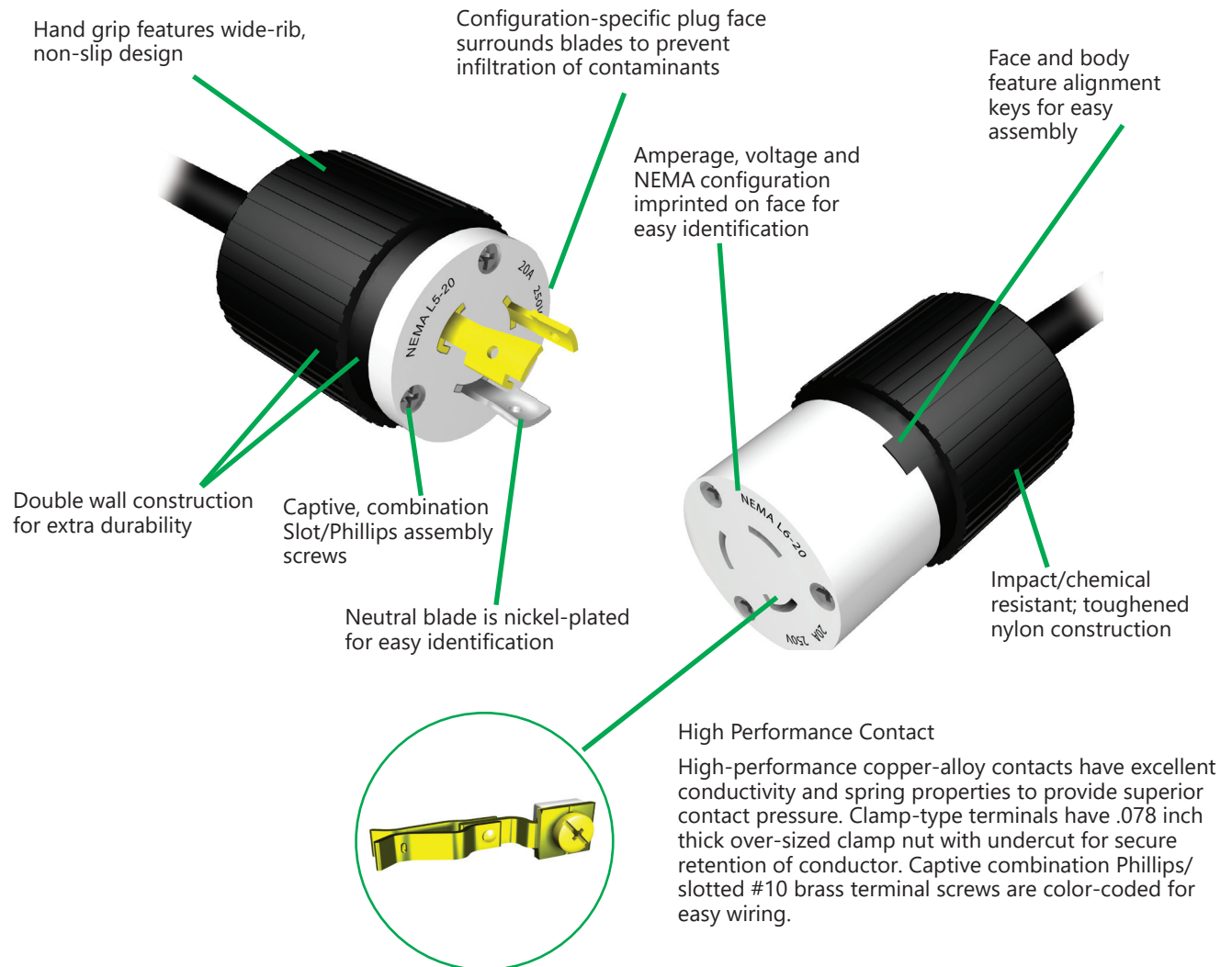
Receptacle



Connector



Wiring Devices – Product Features


EPDM Dust Seal


[Ethylene Propylene Diene Monomer] Resilient dust seal surrounds cord, helping prevent moisture and contaminants from entering wiring chamber. Tapered cover eliminates snagging.

Triple Gripper®


Internal "self-centering" Triple Gripper® cord grip with "radius teeth" design provides secure cord retention.

Terminal Cover

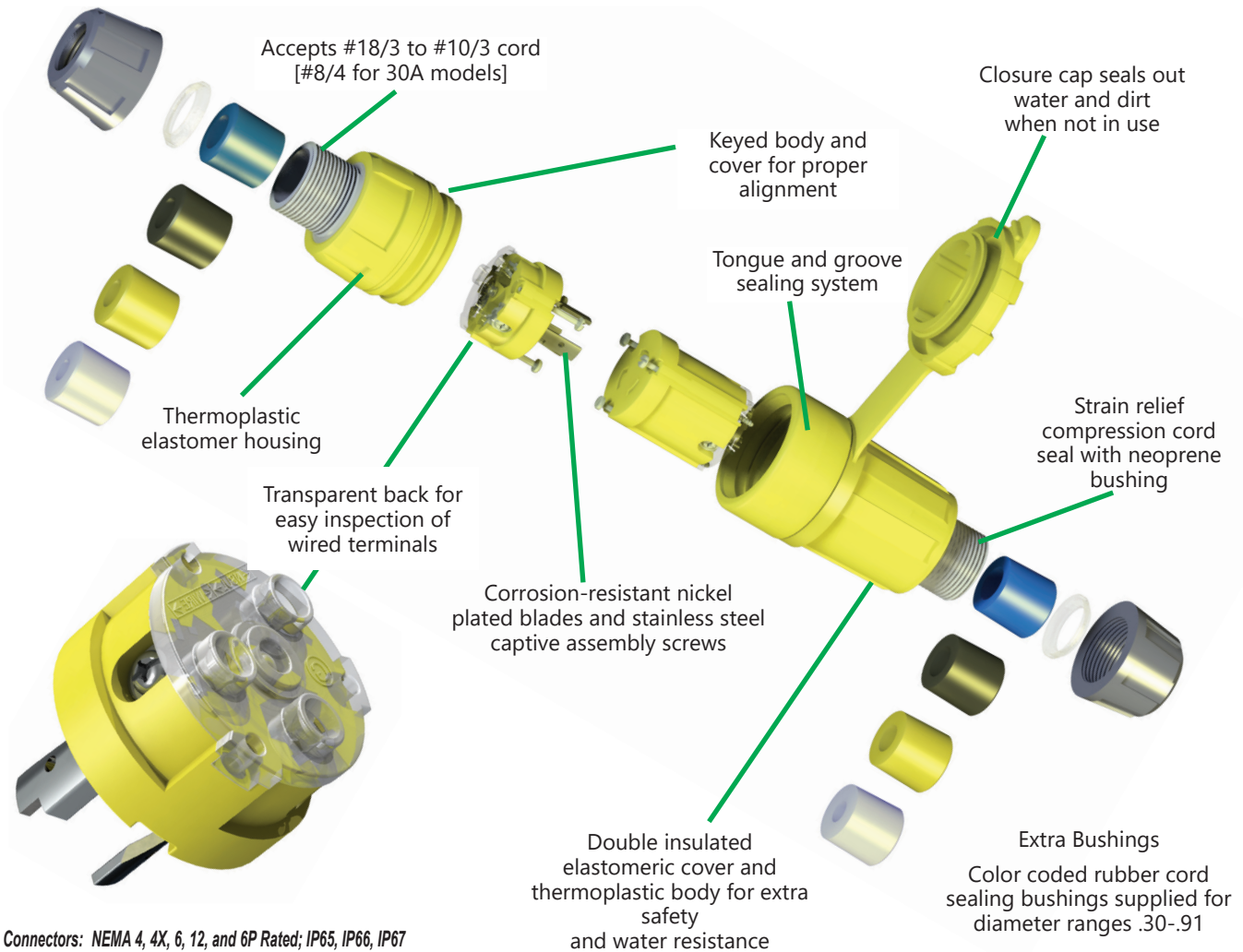

Transparent terminal cover, extended "teardrop" wiring pockets and backed out "captive" terminal screws simplify wiring.

Angle Adapter


Nylon angle adapter [catalog number [70204ANA](#)] converts 20A and 30A nylon locking plugs and connectors into space-saving angle devices.

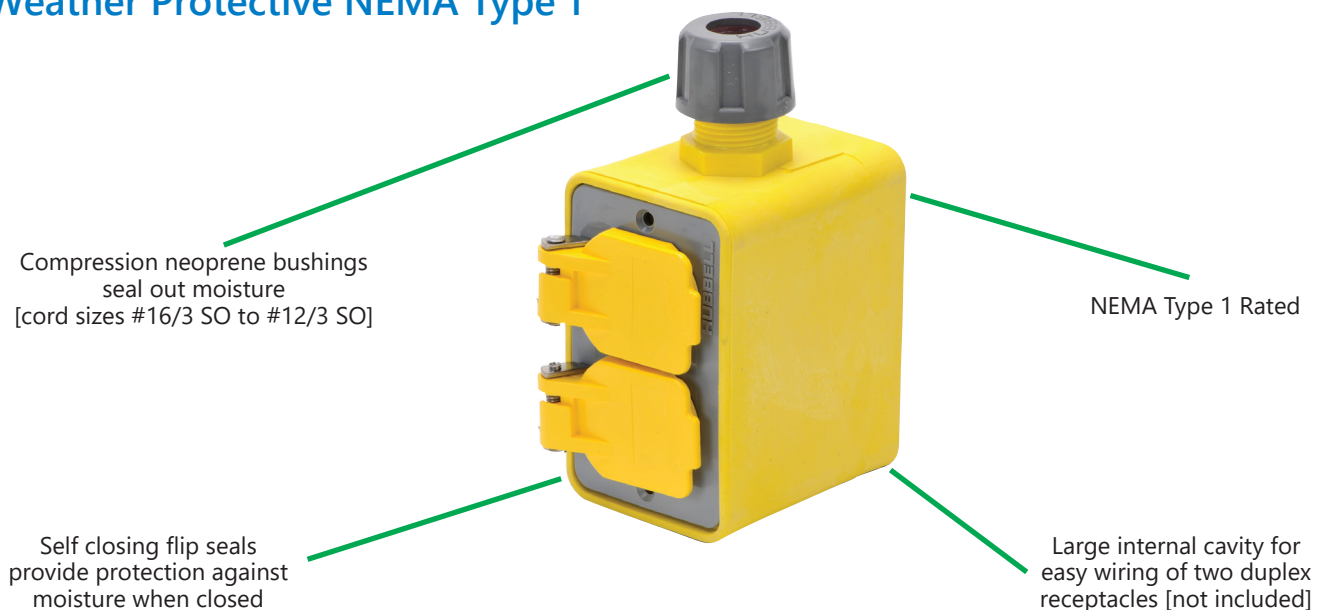
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Watertight Wiring Devices - Product Features



Connectors: NEMA 4, 4X, 6, 12, and 6P Rated; IP65, IP66, IP67
Plugs: NEMA 4, 4X, 6, and 6P Rated; IP65, IP66, IP67

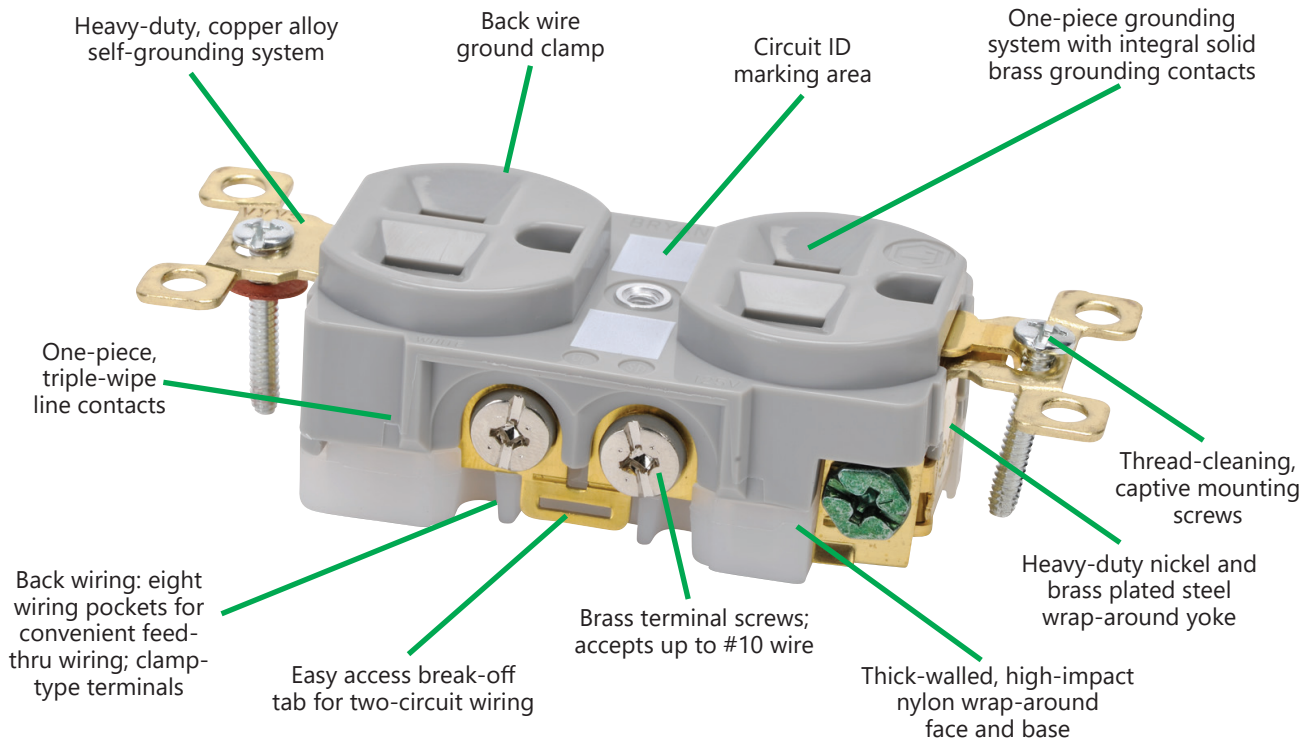
Weather Protective NEMA Type 1



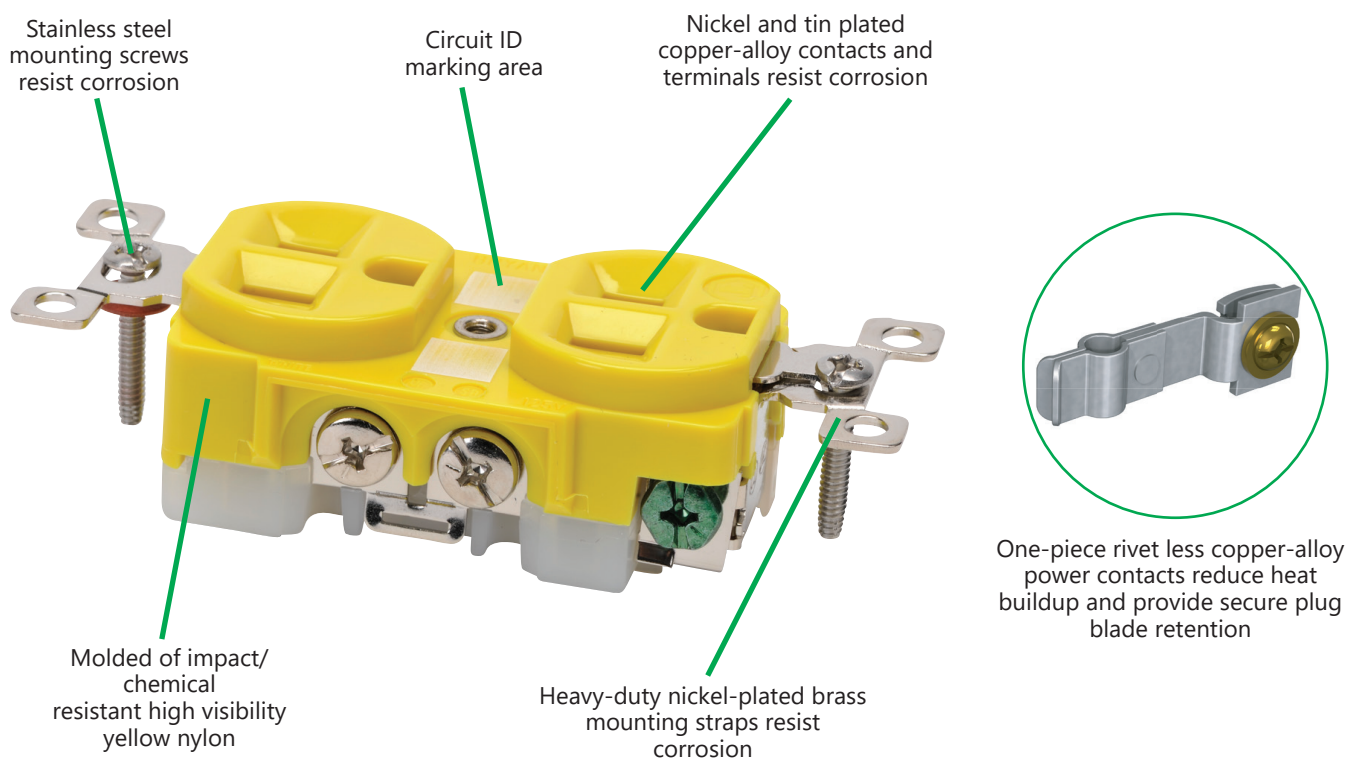
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Duplex Receptacles – Product Features

Extra Heavy Duty Industrial Grade Duplex Receptacles

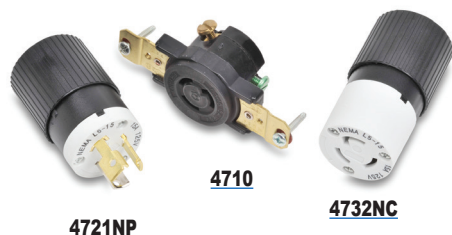


Corrosion-Resistant Duplex Receptacles



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Wiring Devices – Locking Plugs / Connectors / Receptacles



Features

- Internal Triple-Gripper® cord clamp with unique “radius teeth” design automatically centers and secures the cord
- Tough impact- and chemical-resistant nylon housing
- Double-wall construction
- Combination Phillips/slotted captive terminal screws
- Transparent terminal cover with clear window and teardrop wiring pockets to ease insertion of stranded wire and to make solid connections
- Copper wire only
- Captive, quick-thread assembly screws backed out, ready for assembly
- Integral thermoplastic elastomer dust seal surrounds cord to help prevent moisture and contaminants from entering the wiring chamber
- Nickel-plated neutral blade for easy identification
- Amperage, voltage and NEMA configuration imprinted on face for easy identification

Note: See Table III at the end of the Wiring Devices section for Horsepower Ratings

Agency Approvals





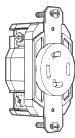








- UL File E2258 [Receptacle], E1381 [Plug, Connector]
- CSA Certified 16215
















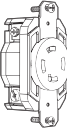






15 Amp Locking Devices												
Poles	NEMA #	Voltage	Configuration	Plug Part No.	Style	Price	Connector Part No.	Style	Price	Receptacle Part No.	Style	Price
2-Pole 3-Wire	L5-15	125V		4721NP		\$;06z?::	4732NC		\$;06z,:	4710		\$;06z!:
	L6-15	250V		70615NP		\$;06]b:	70615NC		\$;06]a:	70615FR		\$;06]9:
	L7-15	277V AC		4770NP		\$;06]1:	4779NC		\$;06]2:	4760		\$;06]0:





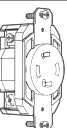


20 Amp Locking Devices												
Poles	NEMA #	Voltage	Configuration	Plug Part No.	Style	Price	Connector Part No.	Style	Price	Receptacle Part No.	Style	Price
2-Pole 3-Wire	L5-20	125V		70520NP		\$;06]5:	70520NC		\$;06]4:	70520FR		\$;06]3:
	L6-20	250V		70620NP		\$;06]e:	70620NC		\$;06]d:	70620FR		\$;06]c:
	L7-20	277V AC		70720NP		\$;06]k:	70720NC		\$;06]j:	70720FR		\$;06]i:
	L8-20	480V AC		70820NP		\$;06]s:	70820NC		\$;06]q:	70820FR		\$;06]p:
	L9-20	600V AC		70920NP		\$;06]z:	70920NC		\$;06]y:	70920FR		\$;06]x:





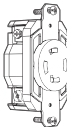


Wiring Devices – Locking Plugs / Connectors / Receptacles

30 Amp Locking Devices												
Poles	NEMA #	Voltage	Configuration	Plug Part No.	Style	Price	Connector Part No.	Style	Price	Receptacle Part No.	Style	Price
2-Pole 3-Wire	L5-30	125V	 	70530NP		\$,06]8:	70530NC		\$,06]7:	70530FR		\$,06]6:
	L6-30	250V	 	70630NP		\$,06]h:	70630NC		\$,06]g:	70630FR		\$,06]f:
	L7-30	277V AC	 	70730NP		\$,06]o:	70730NC		\$,06]n:	70730FR		\$,06]i:
	L8-30	480V AC	 	70830NP		\$,06]v:	70830NC		\$,06]u:	70830FR		\$,06]t:
	L9-30	600V AC	 	70930NP		\$,06]_:	70930NC		\$,06]j:	70930FR		\$,06]l:

20 Amp Locking Devices												
Poles	NEMA #	Voltage	Configuration	Plug Part No.	Style	Price	Connector Part No.	Style	Price	Receptacle Part No.	Style	Price
3-Pole 4-Wire	L14-20	125V/ 250V AC	 	71420NP		\$,06]?:	71420NC		\$,06]l:	71420FR		\$,06]#:
	L15-20	3ø 250V AC	 	71520NP		\$,06]4:	71520NC		\$,06]3:	71520FR		\$,06]2:
	L16-20	3ø 480V AC	 	71620NP		\$,06]a:	71620NC		\$,06]9:	71620FR		\$,06]8:

30 Amp Locking Devices												
Poles	NEMA #	Voltage	Configuration	Plug Part No.	Style	Price	Connector Part No.	Style	Price	Receptacle Part No.	Style	Price
3-Pole 4-Wire	L14-30	125V/ 250V AC	 	71430NP		\$,06]1:	71430NC		\$,06]0:	71430FR		\$,06]_:
	L15-30	3ø 250V AC	 	71530NP		\$,06]7:	71530NC		\$,06]6:	71530FR		\$,06]5:
	L16-30	3ø 480V AC	 	71630NP		\$,06]d:	71630NC		\$,06]c:	71630FR		\$,06]b:
	L17-30	3ø 600V AC	 	71730NP		\$,06]g:	71730NC		\$,06]f:	71730FR		\$,06]e:

20 Amp Locking Devices												
Poles	NEMA #	Voltage	Configuration	Plug Part No.	Style	Price	Connector Part No.	Style	Price	Receptacle Part No.	Style	Price
4-Pole 5-Wire	L21-20	3øY120V/ 208V AC	 	72120NP		\$,06]j:	72120NC		\$,06]i:	72120FR		\$,06]h:
	L22-20	3øY277V/ 480V AC	 	72220NP		\$,06]q:	72220NC		\$,06]p:	72220FR		\$,06]o:

30 Amp Locking Devices												
Poles	NEMA #	Voltage	Configuration	Plug Part No.	Style	Price	Connector Part No.	Style	Price	Receptacle Part No.	Style	Price
4-Pole 5-Wire	L21-30	3øY 120V/ 208V AC	 	72130NP		\$,06]n:	72130NC		\$,06]l:	72130FR		\$,06]k:
	L22-30	3øY 277V/ 480V AC	 	72230NP		\$,06]u:	72230NC		\$,06]t:	72230FR		\$,06]s:

Wiring Devices – Locking Plugs / Connectors / Receptacles Specifications and Drawings

15 Amp Locking Devices General Specifications					
Part Type	Maximum Working Voltage	Operating/Storage Temperature	Terminal Accommodation	Cord Grip Range inches [mm]	Torque Specifications
Plug	600VAC/250VDC	Maximum of 140°F [60°C] continuous, minimum of -40°F [-40°C] without impact.	Fork slot = 0.390 x 0.060 terminal screw #8 #18 - #8 AWG Flexible Cord [copper wire]	0.300-0.655 [7.62-16.637]	Terminal screw 12-14 lb-in [1.4-1.6 N-m] Assembly screw 8 lb-in [0.9 N-m]
Connector		Maximum of 140°F [60°C] continuous, minimum of -40°F [-40°C] without impact.	Fork slot = 0.390 x 0.060 terminal screw #8 #18 - #8 AWG Flexible Cord [copper wire]	.300-0.655 [7.62-16.637]	Terminal screw 12-14 lb-in [1.4-1.6 N-m] Assembly screw 8 lb-in [0.9 N-m]
Receptacle		-40°F to 185°F [-40°C to 85°C] continuous without impact	Fork slot = 0.400 x 0.060 terminal screw #10 #14 - #8 AWG [solid or stranded copper wire]	N/A	Terminal screw 12-14 lb-in [1.4-1.6 N-m] Assembly screw 8 lb-in [0.9 N-m]

20/30 Amp Locking Devices General Specifications					
Part Type	Maximum Working Voltage	Operating/Storage Temperature	Terminal Accommodation	Cord Grip Range inches [mm]	Torque Specifications
Plug	600VAC/250VDC	Maximum of 140°F [60°C] continuous, minimum of -40°F [-40°C] without impact.	Fork slot = 0.400 x 0.060 terminal screw #10 #18 - #8 AWG Flexible Cord [copper wire]	0.300-0.950 [7.62-24.13]	Terminal screw 12-14 lb-in [1.4-1.6 N-m] Assembly screw 10 lb-in [1.2 N-m]
Connector		Maximum of 140°F [60°C] continuous, minimum of -40°F [-40°C] without impact.	Fork slot = 0.400 x 0.060 terminal screw #10 #18 - #8 AWG Flexible Cord [copper wire]	0.300-0.950 [7.62-24.13]	Terminal screw 12-14 lb-in [1.4-1.6 N-m] Assembly screw 10 lb-in [1.2 N-m]
Receptacle		-40 to 185°F [-40 to 85°C] continuous without impact	Fork slot = 0.400 x 0.060 terminal screw #10 #14 - #8 AWG [solid or stranded copper wire]	N/A	Terminal screw 12-14 lb-in [1.4-1.6 N-m] Assembly screw 8 lb-in [0.9 N-m]

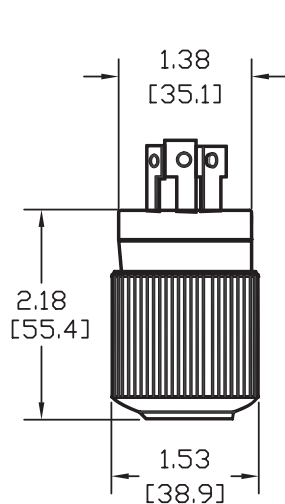
Note: 20/30 Amp locking plugs/connector terminal screws are tri-drive.

Wiring Devices – Locking Plugs / Connectors / Receptacles Drawings

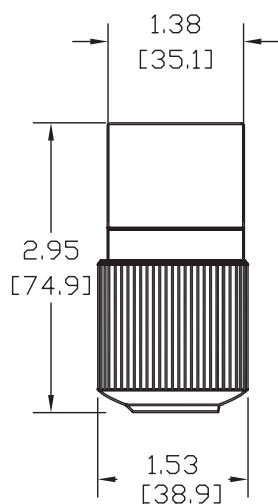
Dimensions

inches [mm]

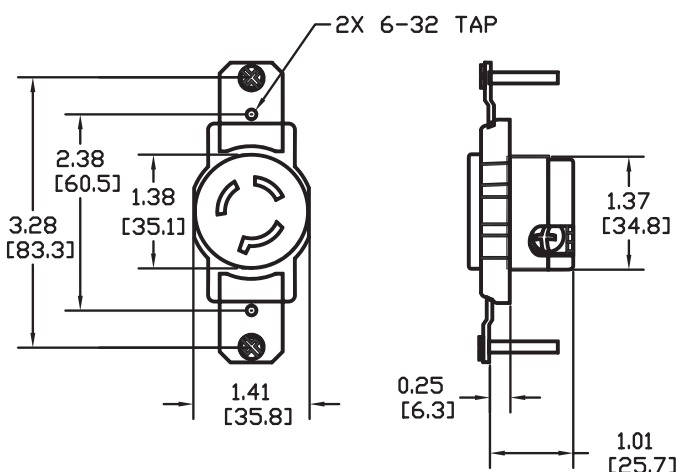
15 Amp



Plug

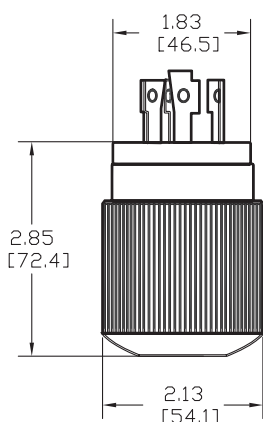


Connector

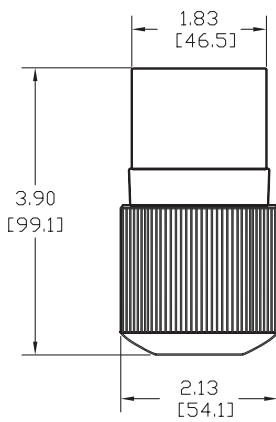


Receptacle

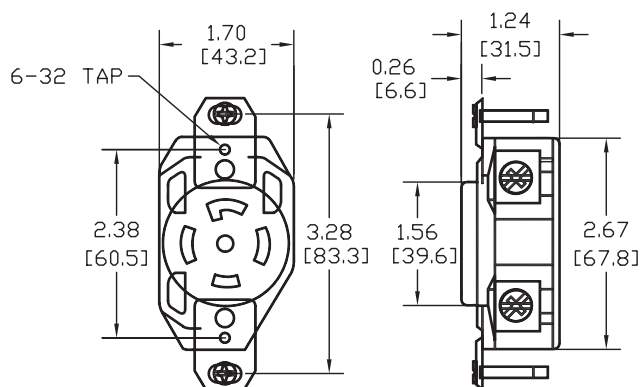
20/30 Amp



Plug



Connector

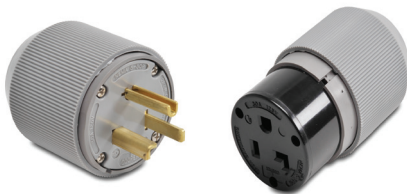


Receptacle

Note: Dimensional drawings provided for reference only, not all items are shown.

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Wiring Devices – Straight Blade Plugs / Connectors

**BRY5266NP****BRY5269NC****9530NP****9530NC**

Features

- Internal Triple-Gripper® cord clamp with unique "radius teeth" design automatically centers and secures the cord
- Tough impact- and chemical-resistant nylon housing
- Double-wall construction
- Combination Phillips/slotted captive terminal screws
- Transparent terminal cover with clear window and teardrop wiring pockets to ease insertion of stranded wire and to make solid connections
- Captive, quick-thread assembly screws backed out, ready for assembly
- Copper wire only
- Insulated design shields exposed metal parts on hand-held side
- Integral thermoplastic elastomer dust seal surrounds cord to help prevent moisture and contaminants from entering the wiring chamber
- Ratings stamped on straight blade devices visible while in use [15 and 20A]
- Face and body feature contrasting key for correct and easy assembly every time
- Universal cord grip design accepts 0.300" to 0.655" [7.6 to 16.6 mm] cord without inserts or adapters [15 and 20A]; 0.425" to 1.320" [10.80 to 33.5 mm]

Agency Approvals

- UL File E2258 [Receptacle], E1381, E3382
- Plug, Connector
- CSA Certified 16215


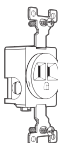

15 Amp Straight Devices									
Poles	NEMA #	Voltage	Configuration	Plug Part No.	Style	Price	Connector Part No.	Style	Price
2-Pole 3-Wire	5-15	125V	 5-15R 5-15P	BRY5266NP		\$06yu:	BRY5269NC		\$06yv:
	6-15	250V	 6-15R 6-15P	BRY5666NP		\$,06y.:	BRY5669NC		\$06z0:

20 Amp Straight Devices									
Poles	NEMA #	Voltage	Configuration	Plug Part No.	Style	Price	Connector Part No.	Style	Price
2-Pole 3-Wire	5-20	125V	 5-20R 5-20P	BRY5366NP		\$,06y]:	BRY5369NC		\$,06y]:
	6-20	250V	 6-20R 6-20P	BRY5466NP		\$06y#:	BRY5469NC		\$,06y!:


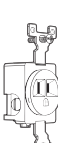

30 Amp Straight Devices									
Poles	NEMA #	Voltage	Configuration	Plug Part No.	Style	Price	Connector Part No.	Style	Price
2-Pole 3-Wire	5-30	125V	 5-30R 5-30P	9530NP		\$-006yl:	9530NC		\$006yk:
	6-30	250V	 6-30R 6-30P	9630NP		\$006yp:	9630NC		\$006yo:

BRYANT®




Wiring Devices – Single Straight Blade Receptacles

15 Amp Single Receptacles						
Poles	NEMA #	Voltage	Configuration	Part Number	Style	Price
2 Pole 3 Wire	5-15	125V	 5-15R	<u>5251</u>		\$;6yf:
	6-15	250V	 6-15R	<u>5661</u>		\$-06yi:

[5251](#)

20 Amp Single Receptacles						
Poles	NEMA #	Voltage	Configuration	Part Number	Style	Price
2 Pole 3 Wire	5-20	125V	 5-20R	<u>5361</u>		\$;0et_:
	6-20	250V	 6-20R	<u>5461</u>		\$06yh:

[5361](#)

30 Amp Single Receptacles						
Poles	NEMA #	Voltage	Configuration	Part Number	Style	Price
2 Pole 3 Wire	5-30	125V	 5-30R	<u>9530FR</u>		\$-06yj:
	6-30	250V	 6-30R	<u>9630FR</u>		\$06yn:

[9530FR](#)

Wiring Devices – Straight Blade Plugs / Connectors / Receptacles Specifications and Drawings

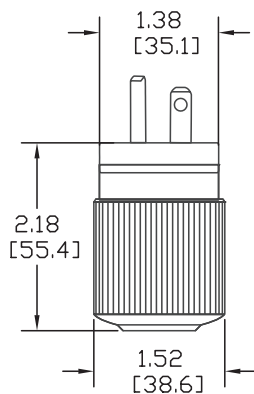
Straight Blade Devices General Specifications					
Part Type	Maximum Working Voltage	Operating/Storage Temperature	Terminal Accommodation	Cord Grip Range	Torque Specifications
Plug	250 VAC/DC	Maximum of 140°F [60°C] continuous, minimum of -40°F [-40°C] without impact	15/20 Amp Fork slot = 0.390 x 0.060 terminal screw #8	15/20 amp = 0.245"-0.655" [6.2-16.6mm]	15/20 amp = Terminal screw 12-14 lb-in [1.4-1.6 N-m] Assembly screw 12 lb-in [1.3 N-m]
				30 amp = 0.425"-0.1.320" [10.8-33.5mm]	30 amp = Terminal screw 20-24 lb-in [2.26-2.712 N-m] Assembly screw 10-12 lb-in [1.2-1.356 N-m]
Connector			#18 - #10 AWG Flexible Cord [copper wire]	15/20 amp = 0.245"-0.655" [6.2-16.6mm]	15/20 amp = Terminal screw 12-14 lb-in [1.4-1.6 N-m] Assembly screw 12 lb-in [1.3 N-m]
				30 amp = 0.425"-0.1.320" [10.8-33.5mm]	30 amp = Terminal screw 20-24 lb-in [2.26-2.712 N-m] Assembly screw 10-12 lb-in [1.2-1.356 N-m]
Single Receptacle [15 & 20 amp]			Fork slot = 0.400 x 0.060 terminal screw #10 #14 - #10 AWG [solid or stranded copper wire]	N/A	15/20 amp = Terminal screw 14 lb-in [1.6 N-m]
Single Receptacle [30 amp]			Fork slot = 0.400 x 0.060 terminal screw #10 #14 - #8 AWG [solid or stranded copper wire]	N/A	30 amp = Terminal screw 25 lb-in [3.0 N-m]
Duplex Receptacle [15 & 20 amp]			Fork slot = 0.400 x 0.060 terminal screw #10 #14 - #10 AWG [copper conductors only]	N/A	15/20 amp = Terminal screw 14 lb-in [1.6 N-m]

Dimensions

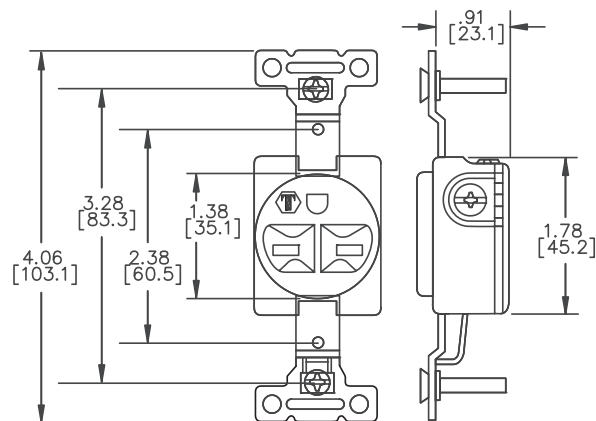
inches [mm]

15/20 Amp

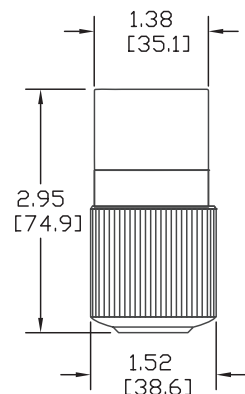
Single Straight Blade Plug



Single Straight Blade Receptacle



Single Straight Blade Connector



Dimensions

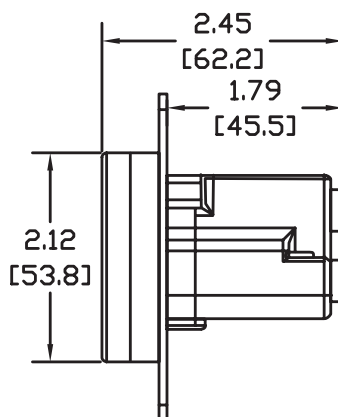
inches [mm]

30 AMP

Technical drawing of a square plate with a central circular hole and four rectangular holes. The plate has a 6x32 TAP. Dimensions are given in inches and millimeters.

Dimensions:

- Top edge: 1.81 [46.0]
- Left edge: 3.28 [83.3]
- Right edge: 3.68 [93.5]
- Bottom edge: 2.25 [57.2]
- Central circular hole: 2.50 [63.5]
- Central rectangular hole: 2.37 [60.2]



BRYANT® Wiring Devices – Accessories

Features

Nylon Angle Adapter

- Converts 20A and 30A nylon locking plugs and connectors into space saving angle devices
- Adapters permit wire to exit parallel to the receptacle; eliminating space needed for wire to bend

Weather Protective Boots; 5200 Series

- For use with Bryant 15 and 20 Amp straight blade plugs and connectors and 15 Amp locking plug and connectors
- Help prevent moisture, dust and other contaminants from infiltrating plugs and connectors
- Available in high visibility yellow or standard black
- Thermoplastic elastomer construction
- Excellent ozone and weather resistance
- Resistant to deterioration by oils and heat
- IP55 Suitability when installed and used properly with plug and connector body combinations
- Connector sealing ring provides extra protection when plug and connector are not mated
- Ribbed exterior provides firm grip

Weather Protective Boots; 7200 Series

- For use with Bryant 20 and 30 Amp locking plugs and connectors
- Help prevent moisture, dust and other contaminants from infiltrating plugs and connectors
- Chemical/UV resistant construction
- Available in high visibility yellow or standard black
- Ribbed exterior provides firm grip
- Sealing ring seals connector when not mated
- For use with Bryant Triple Gripper® 20 and 30 Amp nylon plugs and connectors
- IP55 Suitability when installed and used properly with plug and connector body combinations

Stainless Steel Cover Plates

Approvals

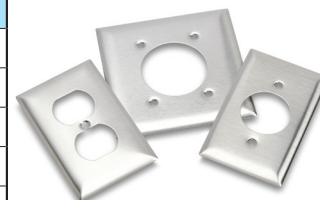
- UL File E31999*
- CSA Certified 18416*



*Approvals for stainless steel receptacle plates only.

Wiring Devices Accessories		
Part Number	Description	Price
Receptacle Plates		
<u>SS8</u>	Bryant cover plate, for use with 15A and 20A duplex receptacles in 1 gang electrical boxes.	\$6z1:
<u>SS7</u>	Bryant cover plate, for use with 15A and 20A single receptacles in 1 gang electrical boxes.	\$-6zj:
<u>SS723</u>	Bryant cover plate, for use with 30A single receptacles in 1 gang electrical boxes.	\$6zn:
<u>SS703</u>	Bryant cover plate, for use with 30A single receptacles in 2 gang electrical boxes.	\$6zk:
<u>SS720</u>	Bryant cover plate, for use with 20A and 30A single receptacles in 1 gang electrical boxes.	\$-6zl:
Angle Adapter*		
<u>70204ANA</u>	Bryant 90 degree angle adapter, black. For use with 20A and 30A locking plugs and connectors.	\$06za:
Weather Boots*		
<u>5200BP</u>	Bryant weather boot, high visibility yellow. For use with 15A locking, 15A straight blade, and 20A straight blade plugs.	\$06z6:
<u>5200BC</u>	Bryant weather boot, high visibility yellow. For use with 15A locking, 15A straight blade, and 20A straight blade connectors.	\$06z4:
<u>5200BSR</u>	Bryant weather boot cap, high visibility yellow. For use with 5200BC boot.	\$06z8:
<u>5200BPB</u>	Bryant weather boot, black. For use with 15A locking, 15A straight blade, and 20A straight blade plugs.	\$06z7:
<u>5200BCB</u>	Bryant weather boot, black. For use with 15A locking, 15A straight blade, and 20A straight blade connectors.	\$06z5:
<u>5200BSRB</u>	Bryant weather boot cap, black. For use with 5200BCB boot.	\$06z9:
<u>72002BC</u>	Bryant weather boot, high visibility yellow. For use with 20A and 30A locking connectors.	\$06zb:
<u>72002BP</u>	Bryant weather boot, high visibility yellow. For use with 20A and 30A locking plugs.	\$06zd:
<u>72002BPB</u>	Bryant weather boot, black. For use with 20A and 30A locking plugs, chemical and ultraviolet resistant thermoplastic elastomer construction, black.	\$06ze:
<u>72002BCB</u>	Bryant weather boot, black. For use with 20A and 30A locking connectors.	\$06zc:

*Angle adapter and weather boots are not UL listed or CSA certified.



**Stainless Steel
Receptacle Plates**



**Angle Adapter
[70204ANA](#)**

BRYANT® Wiring Devices – Accessories



72002BC
Weather Boot

Note: Connectors shown on above installations are not included and are purchased separately.

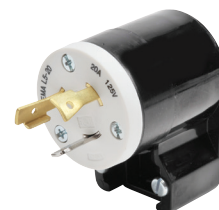


Angle Adapter 70204ANA

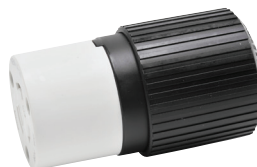
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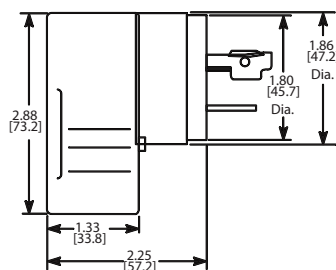
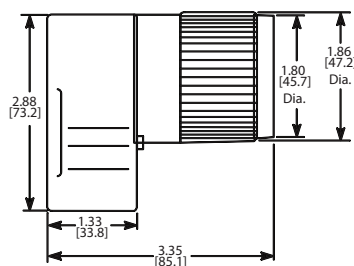
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Dimensions

inches [mm]

Angle Adapter



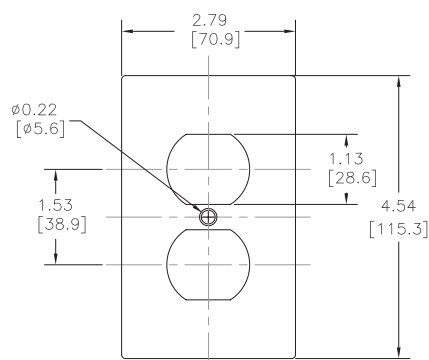
Angle Adapter

Wiring Devices – Accessories Drawings

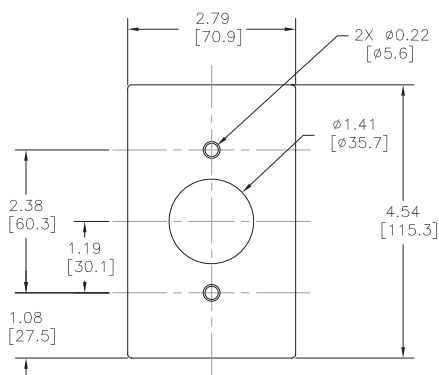
Dimensions

inches [mm]

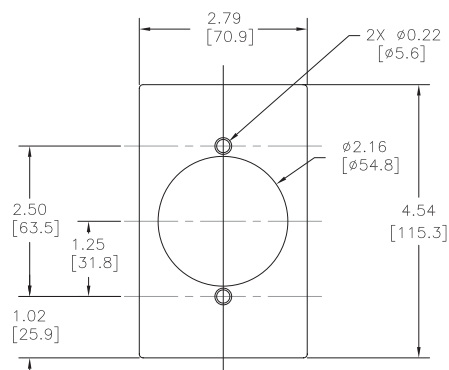
Stainless Steel Cover Plates



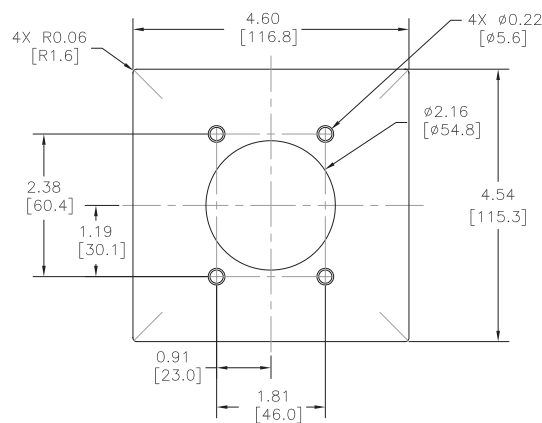
SS8



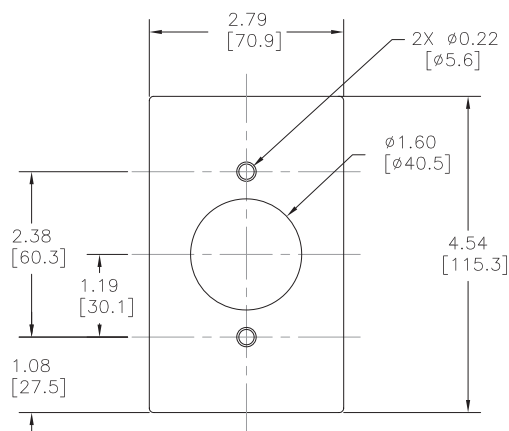
SS7



SS723



SS703



SS720

Wiring Devices – Technical Information

Reference material only. Please see Wiring Section in the catalog for product part number.

Mechanical And Electrical Properties Of Materials							
Properties		6/6 Nylon	6 Nylon	Polycarbonate	PC/PET	Phenolic	Urea
Tensile Strength [PSI]		11,000	6,000+*	9,000	6,000	6,500-10,000	5,500-13,000
Elongation [%]		300+*	300*	130	120	0.4 - 0.8	0.5 - 1.0
Flex. Mod. [Stiffness][PSI]		175,000*	140,000*	340,000	325,000	1,000,000	1,500,000
Izod [Notched] ft.-lb./in.		2.1 lb-in [0.24 Nm]*	3.0 lb-in [0.34 Nm]*	15.0 lb-in [1.7 Nm]	12.0 lb-in [1.36Nm]	0.3 to 1.9 lb-in [.034 to 0.21 Nm]	0.25 to 0.4 lb-in [0.03 to 0.05 Nm]
Hardness Rockwell		59M* 108R*	- 119R	70M 118R	- 115R	105-120M -	110-120M -
Heat Deflection Temperature	66 PSI	464°F [240°C]	370°F [187.7°C]	-	265°F [129.4°C]	-	-
	264 PSI	194°F [90°C]	185°F [85°C]	270°F [132°C]	260°F [126.6°C]	400°F [204.4°C]	260 to 290°F [126.6 to 143.3°C]
UL Thermal Index	Electrical	257°F [125°C]	257°F [125°C]	257°F [125°C]	221°F [105°C]	302°F [150°C]	212°F [100°C]
	Mechanical w/ Impact	167°F [75°C]	167°F [75°C]	239°F [115°C]			
	Mechanical w/o Impact	185°F [85°C]	185°F [85°C]	257°F [125°C]			
Flame Class UL 94		V-2	V-2	V-2	V-0	HB-V0	HB-V0
Dielectric V/mil		600	400	380	307	200-400	300-400
Specific Gravity		1.14	1.13	1.2	1.33	1.4	1.5
UL Comparative Tracking Index [Volts]		600+	600+	250+	230	175+	600+

*Conditioned to 50% relative humidity

Chemical Resistance Of Materials				
Chemical	Nylon	Phenolic	Urea	Polycarbonate
Acids	C	B	B	A
Alcohol	A	A	A	B
Caustic Bases	A	B	B	C
Gasoline	A	A	C	A
Grease	A	A	A	B
Kerosene	A	A	A	A
Oil	A	A	A	B
Solvents	A	A	A	C
Water	A	A	A	A

Note: A - Completely resistant. Good to excellent, general use.

B - Resistant. Fair to good, limited service.

C - Slow attack. Not recommended for use.

BRYANT®
TECH·SPEC®

Watertight Wiring Devices - Plugs and Connectors

Features

- High-visibility yellow thermoplastic elastomer housing
- Rugged PBT interiors provide excellent resistance to moisture and temperature
- New cone seal prevents water from accumulating at the cable entrance
- Tongue and groove plug to connector sealing system for optimum protection
- Nickel-plated contacts and blades
- Gotcha ring for superior strain relief
- Stainless steel captive assembly screws
- Operating temperature -40 to 60°C [-40 to 140°F]
- Accepts multiple cord diameters
- Individual neoprene bushings provide watertight sealing
- 15-30 amp range up to 480VAC
- Keyed body and interior for proper alignment
- Recommended where moisture exists or frequent wash down occurs
- All exposed materials are UV stabilized
- Meets NEC requirements for "Wet & Damp Locations"
- Meets OSHA requirements


BRY15W33

Connectors: NEMA 4, 4X, 6, and 6P
Rated: IP65, IP66, IP67


BRY14W47

Plugs: NEMA 4, 4X, 6, and 6P
Rated: IP65, IP66, IP67

Agency Approvals/ Standards

- UL File E1706 Guide AXUT
- CSA Certified #1284294
- NSF Certified
- Meets NEMA WD-1, WD-6, and ANSI standards
- Listed to UL498

Watertight Plugs and Connectors Quick Selection Table

Poles	Amperage	NEMA #	Voltage	Configuration	Device Type	Plug Part No.	Style	Price	Connector Part No.	Style	Price
2-Pole 3-Wire	15 Amps	5-15	125VAC	 5-15R 5-15P	Straight Blade	BRY14W47		\$-1hbj:	BRY15W47		\$1hb9::
		L5-15	125VAC	 L5-15R L5-15P	Locking	BRY24W47		\$-1hbl:	BRY25W47		\$1hbb:
		L7-15	277VAC	 L7-15R L7-15P	Locking	BRY24W34		\$1hbn:	BRY25W34		\$1hbc:
	20 Amps	5-20	125VAC	 5-20R 5-20P	Straight Blade	BRY14W33		\$1hbk:	BRY15W33		\$1hba:
		L5-20	125VAC	 L5-20R L5-20P	Locking	BRY26W47		\$1hbo:	BRY27W47		\$1hbd:
		L6-20	250VAC	 L6-20R L6-20P	Locking	BRY26W48		\$1hbp:	BRY27W48		\$1hbe:
3-Pole 4-Wire	20 Amps	L15-20	250VAC 3Ø	 L15-20R L15-20P	Locking	BRY26W75		\$1hbq:	BRY27W75		\$;1hbf:
		L16-20	480VAC 3Ø	 L16-20R L16-20P	Locking	BRY26W76		\$1hbs:	BRY27W76		\$1hbg:
	30 Amps	L15-30	250VAC 3Ø	 L15-30R L15-30P	Locking	BRY28W75		\$;1hbt:	BRY29W75		\$01hbh:
		L16-30	480VAC 3Ø	 L16-30R L16-30P	Locking	BRY28W76		\$1hbu:	BRY29W76		\$-01hbi:

BRYANT® Watertight Wiring Devices - Plugs and Connectors

Technical Specifications

Watertight Devices Technical Specifications				
Device type	15A/20A Straight Blade 15A Locking	20A Locking	20A Locking 3-Phase	30A Locking 3-Phase
Maximum working voltage	As marked			
Operating temperature	Maximum continuous 60°C [140°F], Minimum -40°C [-40°F] [without impact]			
Terminal accommodation	16/3 SJ to 10/3 SJ, 18/3 S to 12/3 S	Min.: 16/3 SJ, 18/3 S, 18/4 SJ, 18/4 S, 18/5 S Max.: 10/3 S, 10/4 S, 10/5 S		Min.: 12/3 SJ, 16/3 S, 14/4 SJ, 18/4 S, 18/5 S Max.: 8/3 S, 8/4 S, 10/5 S
Cord diameter	0.325" to 0.625" [8.3 mm to 15.9 mm]	0.30" to 0.62" [7.62 mm to 15.75 mm]	0.325" to 0.875" [8.3 mm to 22.2 mm]	0.385" to 1.05" [9.8 mm to 26.67 mm]
Torque specifications	Wire terminal screw 12-15 lb·in [1.4-1.7 N·m] Housing assembly screw 8-10 lb·in [0.9-1.13 N·m]			
Dielectric voltage	Plugs: 2500VAC if rated 300V or less, 3500VAC if rated above 300V Connectors: 2000VAC if rated 300V or less, 3000VAC if rated above 300V			

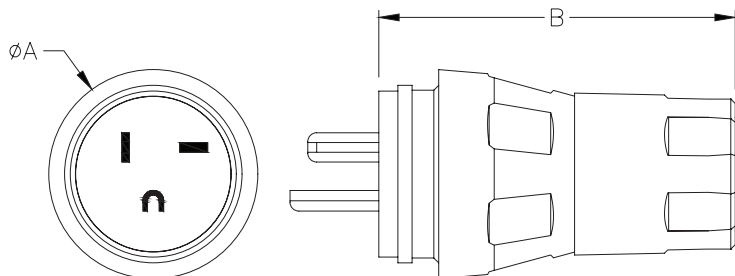
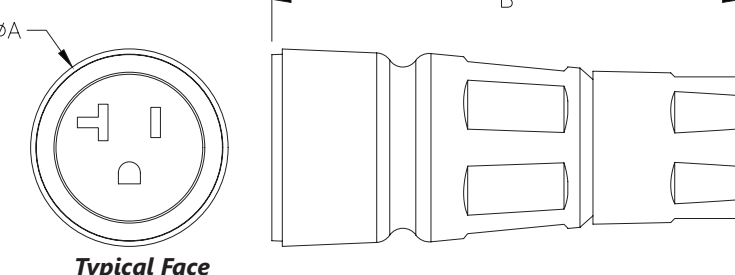
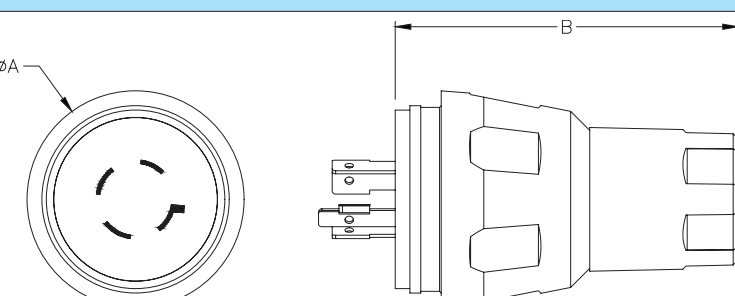
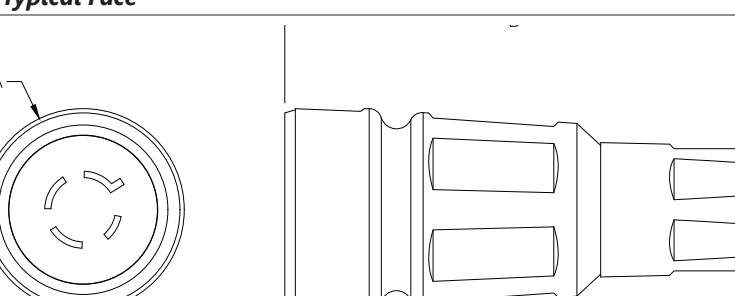
* Each plug or connector is individually tested for watertight integrity to meet the NEMA and IP ratings.

Materials	
Blade/contact carrier	Nylon, white
Terminal retainer	Polycarbonate, clear
Housing	Thermoplastic elastomer, yellow
Housing insert	Nylon, white
Strain relief nut	PBT thermoplastic, gray
Blades/contacts	Brass, nickel plated
Terminal screws	Brass
Terminal screw size	#8-32 15A/20A Straight Blade and 15A Locking #10-32 20A and 30A Locking
Assembly screws	Stainless steel
Bushings	Thermoplastic elastomer, black
Gotcha ring	Nylon
Cone seal	Thermoplastic elastomer, black
Closure cap	Thermoplastic elastomer, yellow

Watertight Wiring Devices - Plugs and Connectors

Dimensions

Inches [mm]

Dimensions				
Straight Blade Plugs and Connectors		Part Number	Inches [mm]	
			DIM A	DIM B
 <p>Typical Face</p>	<u>BRY14W47</u>	1.85 [47.07]	3.16 [80.27]	
	<u>BRY14W33</u>			
	<u>BRY24W47</u>	1.85 [47.07]	3.21 [81.46]	
	<u>BRY24W34</u>			
 <p>Typical Face</p>	<u>BRY15W47</u>	1.85 [47.07]	4.42 [112.14]	
	<u>BRY15W33</u>			
	<u>BRY25W34</u>	1.85 [47.07]	4.62 [117.22]	
	<u>BRY25W47</u>			
Locking Plugs and Connectors		Part Number	Inches [mm]	
			DIM A	DIM B
 <p>Typical Face</p>	<u>BRY26W47</u>	2.51 [63.70]	3.96 [100.69]	
	<u>BRY26W48</u>			
	<u>BRY26W75</u>			
	<u>BRY26W76</u>			
	<u>BRY28W75</u>	2.77 [70.41]	3.94 [99.98]	
	<u>BRY28W76</u>			
 <p>Typical Face</p>	<u>BRY27W47</u>	2.51 [63.70]	5.69 [144.55]	
	<u>BRY27W48</u>			
	<u>BRY27W75</u>			
	<u>BRY27W76</u>			
	<u>BRY29W75</u>	2.77 [70.41]	5.67 [144.00]	
	<u>BRY29W76</u>			

* Typical face only. Please reference Quick Selection Table for face configuration.

BRYANT®
TECH·SPEC®

Industrial Grade Duplex Straight Blade Receptacles



BRY5262CR



BRY5262GRY



BRY5262









BRY5362

Features

- One-piece grounding system, including integral self-grounding strap
- Full-face, wraparound design is molded of high-impact, chemical-resistant nylon
- Extended barrier [shroud] on sides of cover surround wire terminals for added insulation and isolation of conductors
- Heavy-duty wraparound steel yoke locked in for maximum strength and security
- Double-plated yoke [nickel & brass] to resist corrosion
- Back wiring: eight wiring pockets for convenient feed thru wiring, clamp-type terminals accept up to #10 wire
- Terminal screws: brass combination Phillips/slotted/ Robertson binding head accepts up to #10 wire
- Approved for CU wire only
- Large green, combination Phillips/slotted/ Robertson hex head grounding screw
- Back wire ground clamp for quick and convenient wiring
- Center splined bushing interlocks with receptacle body to prevent rotation when fastening wall plates
- Easily accessible break-off tab for two-circuit wiring
- ID surface on cover for marking clear identification of circuits
- One-piece triple-wipe brass line contacts
- Double-wipe brass grounding contacts
- Strip gauge for accurate wiring

Agency Approvals/ Standards

- UL File E2258 Guide #RTRT
- CSA Certified File LR16215 Guide #365E1
- Complies with NEMA standards WD-1, WD-6, AND UL498
- Verified under Fed. Spec. #WC596 [where applicable]
- CE

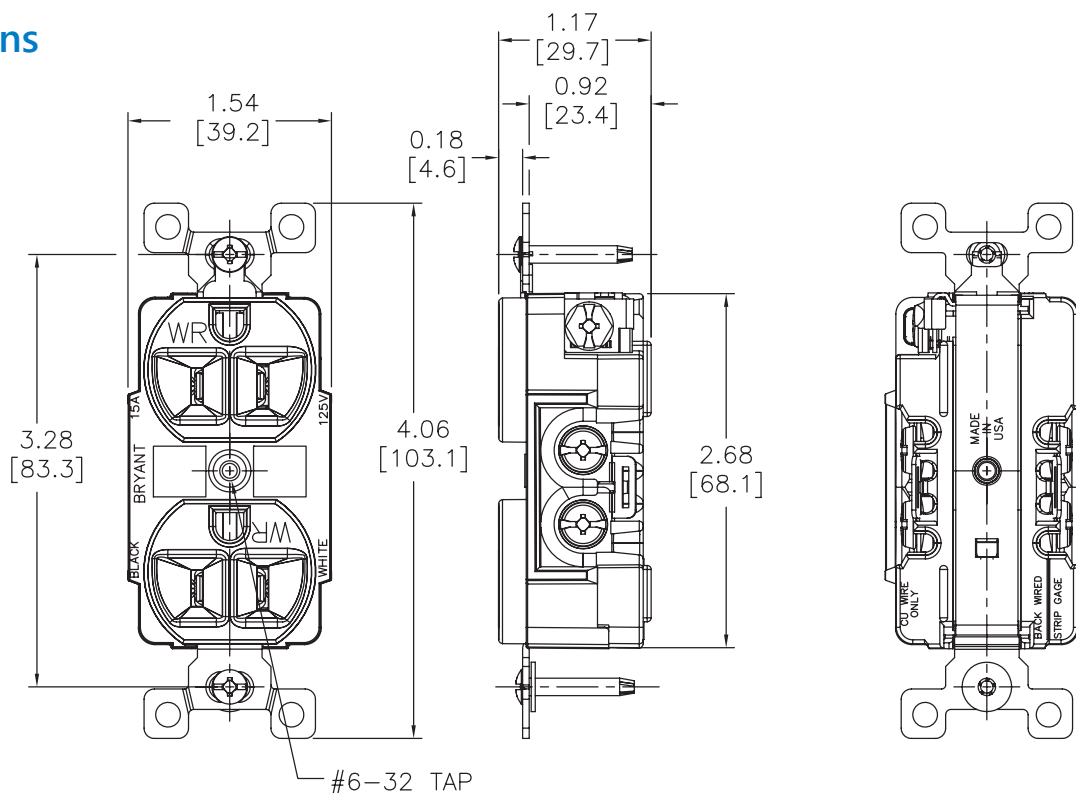
Duplex Straight Blade Receptacles								
Poles	Amperage	NEMA #	Voltage	Configuration	Part Number	Color	Style	Price
2 Pole 3 Wire	15A	5-15	125V AC/ DC	 5-15R	<u>BRY5262GRY</u>	Gray		\$;06yt:
					<u>BRY5262CR*</u>	Yellow		\$06ys:
		6-15	250V AC/ DC	 6-15R	<u>BRY5262</u>	Brown		\$06yq:
					<u>BRY5662</u>			\$06y?:
	20A	5-20	125V AC/ DC	 5-20R	<u>BRY5362GRY</u>	Gray		\$06yz:
					<u>BRY5362CR*</u>	Yellow		\$06yy:
		6-20	250V AC/ DC	 6-20R	<u>BRY5362</u>	Brown		\$06yx:
					<u>BRY5462</u>			\$06y_:

*Corrosion-resistant, nylon construction, self-grounding, back- and side-wired

BRYANT®
TECH·SPEC®

Industrial Grade Duplex Straight Blade Receptacles Specifications and Drawings

Duplex Straight Blade Receptacles Specifications				
Duplex Receptacle Part Numbers	<u>BRY5262GRY</u>	BRY5662	<u>BRY5362GRY</u>	BRY5462
	<u>BRY5262</u>		<u>BRY5362</u>	
	<u>BRY5262CR</u>		<u>BRY5362CR</u>	
Amperage	15A		20A	
Maximum working voltage	125V AC/DC	250V AC/DC	125V AC/DC	250V AC/DC
Operating temperature	Maximum continuous 60°C, Minimum -40°C [without impact]			
Temperature rise	Less than 30°C temperature rise at full rated current after 50 cycles overload at 150% rated current for either AC or DC applications per UL498			
Terminal accommodation	#14-#10 AWG Copper conductor only			
Terminal screw	Fork slot = 0.400 x 0.060 Terminal screw #10			
Torque specifications	Terminal screw 14 lb-in [1.6 N-m]			
Dielectric voltage	Withstands 2000V per UL498			

Inches [mm]



Watertight Wiring Devices - Weather Protective Accessories

**BRY3099**

Portable Outlet Boxes Features

- Non-conductive, impact resistant thermoplastic elastomer boxes reduce the exposure to potential hazards
- Automatic centering strain relief cord clamps
- NEMA Type 1, IP44
- Cord range 0.38" to 0.50" [9.7 mm to 12.7 mm]
- For use with 15A or 20A duplex receptacles [not included]
- Flip seals protect against wet environments and moisture when closed

Weather Protective Accessories		
Part Number	Description	Price
BRY3099	Bryant dead end portable outlet box, (1) 3/4in female NPT conduit entries, accepts cord size 0.38 - 0.5in, NEMA 1, PBT thermoplastic elastomer housing, yellow.	\$1hc9:
BRY3056	Bryant cover plate, UL Type 3R, lift cover, gray. For use with 15A and 20A duplex receptacles in portable outlet box BRY3099.	\$1hca:
BRY3054	Bryant cover plate, UL Type 3R, gray. For use with portable outlet box BRY3099.	\$1hcb:

**BRY3056****BRY3054**

Materials	
Box enclosure	Thermoplastic elastomer, yellow
Strain relief nut	PBT
Grommet	Thermoplastic elastomer
Gotcha ring	Nylon
Locknut	Steel, zinc plate
Threaded inserts	Brass
Receptacle screw	Stainless steel
Cover plate	PBT
Cover plate seal	Neoprene
Cover plate spring	Stainless steel
Hinge pin	Stainless steel
Hinge bracket	Zinc plated steel
Rivets	Zinc plated steel

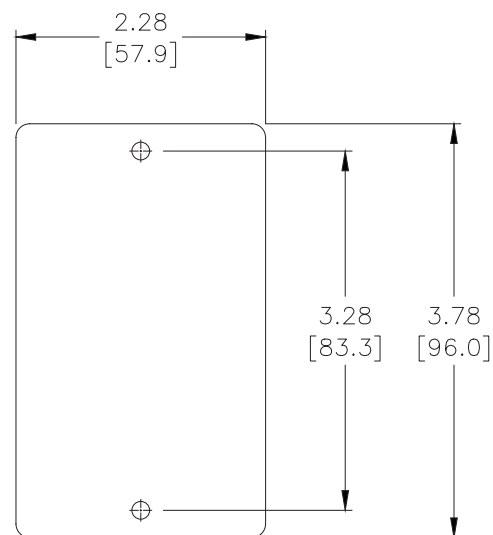
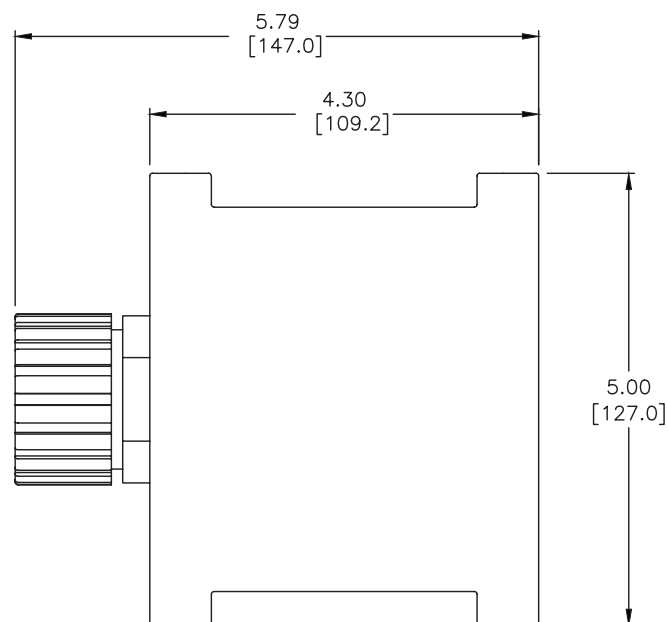
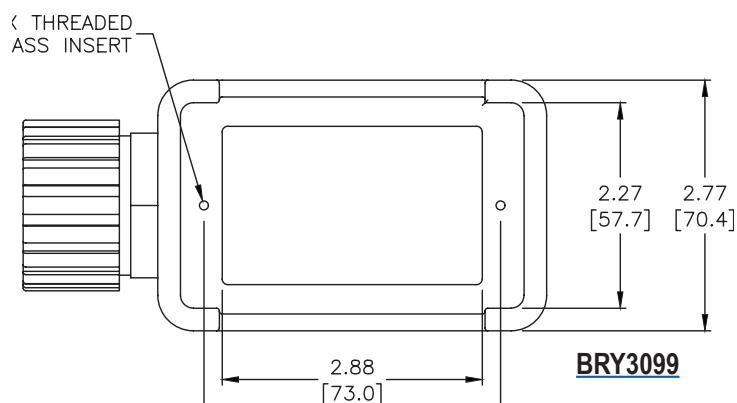
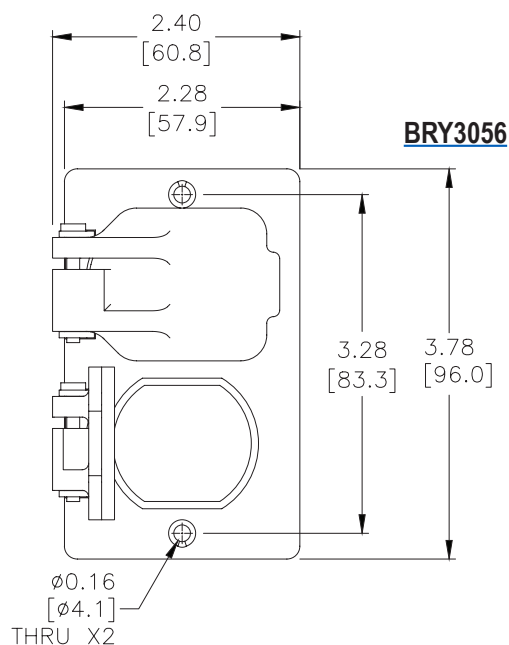
UL Cross Reference		
Part Number	UL Part Number	UL File Number
BRY3099	HBL3099	E92074
BRY3056	HBL3056	E92074
BRY3054	HBL3054	E92074

BRYANT®

Watertight Wiring Devices - Weather Protective Accessories

Dimensions

Inches [mm]

**BRY3054****BRY3099****BRY3056**








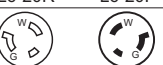



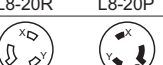




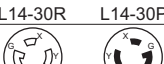

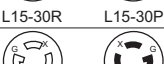


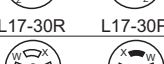
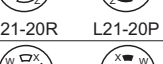
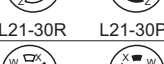
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THRU X2





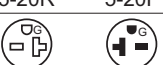

Wiring Devices – Technical Information

Table III - Horsepower Ratings			
NEMA Configuration	AC HP Rating**	Nema Configuration	AC HP Rating**
1-15	0.5	L1-15	0.5
2-15	1.5	L2-20	2
2-20	2	L5-15	0.5
2-30	2	L5-20	1
5-15	0.5	L5-30	2
5-20	1	L6-15	1.5
5-30	2	L6-20	2
5-50	2	L6-30	2
6-15	1.5	L7-15	2
6-20	2	L7-20	2
6-30	2	L7-30	3
6-50	3	L8-20	3
7-15	2	L8-30	5
7-20	2	L10-20	2 L-L/1 L-N
7-30	3	L10-30	2 L-L/2 L-N
7-50	5	L11-15	2
10-20	2 L-L/1 L-N	L11-20	3
10-30	2 L-L/2 L-N	L11-30	3
10-50	3 L-L/2 L-N	L12-20	5
11-15	2	L12-30	10
11-20	3	L14-20	2 L-L/1 L-N
11-30	3	L14-30	2 L-L/2 L-N
11-50	7.5	L15-20	3
14-15	1.5 L-L/0.5 L-N	L15-30	3
14-20	2 L-L/1 L-N	L16-20	5
14-30	2 L-L/2 L-N	L16-30	10
14-50	3 L-L/2 L-N	L18-20	2
14-60	3 L-L/2 L-N	L18-30	3
15-15	2	L19-20	5
15-20	3	L19-30	10
15-30	3	L21-20	2
15-50	7.5	L21-30	3
15-60	10	L22-20	5
18-15	2	L22-30	10
18-20	2		
18-30	3		
18-50	7.5		
18-60	7.5		

**The phase-to-phase horsepower ratings are noted by "L-L". The phase-to-neutral ratings are identified by "L-N"

Wiring Devices - NEMA Configuration Chart

Locking Style NEMA Configurations						
	Voltage	NEMA #	15 Ampere	20 Ampere	30 Ampere	
			Receptacle/Plug	Receptacle/Plug	Receptacle/Plug	
2-Pole 3-Wire Grounding	125V	L5	 L5-15R L5-15P	 L5-20R L5-20P	 L5-30R L5-30P	
	250V	L6	 L6-15R L6-15P	 L6-20R L6-20P	 L6-30R L6-30P	
	277V	L7	 L7-15R L7-15P	 L7-20R L7-20P	 L7-30R L7-30P	
	480V	L8		 L8-20R L8-20P	 L8-30R L8-30P	
	600V	L9		 L9-20R L9-20P	 L9-30R L9-30P	
3-Pole 4-Wire Grounding	125/250V	L14		 L14-20R L14-20P	 L14-30R L14-30P	
	3ø 250V	L15		 L15-20R L15-20P	 L15-30R L15-30P	
	3ø 480V	L16		 L16-20R L16-20P	 L16-30R L16-30P	
	3ø 600V	L17			 L17-30R L17-30P	
4-Pole 5-Wire Grounding	3øY 120/208V	L21		 L21-20R L21-20P	 L21-30R L21-30P	
	3øY 277/480V	L22		 L22-20R L22-20P	 L22-30R L22-30P	

Straight-Blade Style NEMA Configurations						
	Voltage	NEMA #	15 Ampere	20 Ampere	30 Ampere	
			Receptacle/Plug	Receptacle/Plug	Receptacle/Plug	
2-Pole 3-Wire Grounding	125V	5	 5-15R 5-15P	 5-20R 5-20P	 5-30R 5-30P	
	250V	6	 6-15R 6-15P	 6-20R 6-20P	 6-30R 6-30P	

Note: Please see Appendix for

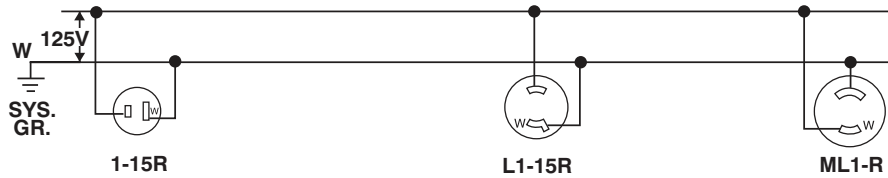
- 1.] Mechanical and electrical properties of material data
- 2.] Chemical resistance of material
- 3.] Table III Hp rating chart

Wiring Devices – NEMA Wiring Diagrams

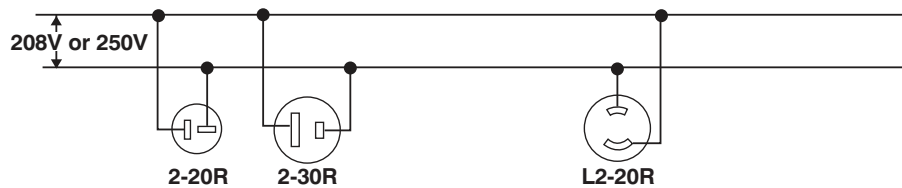
Reference material only. Please see Wiring Section in the catalog for product part number.

2-Pole 2-Wire

125V

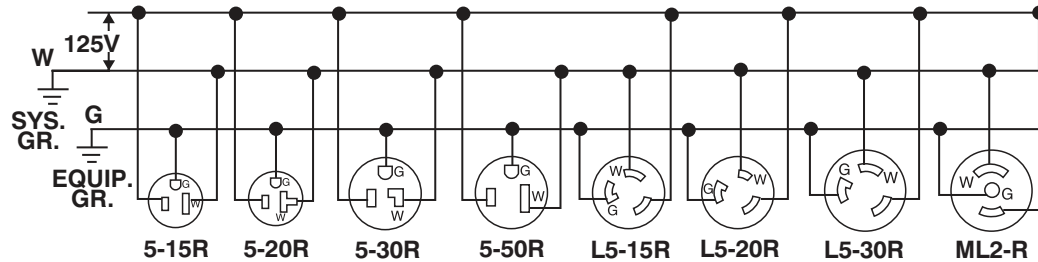


208V or 250V

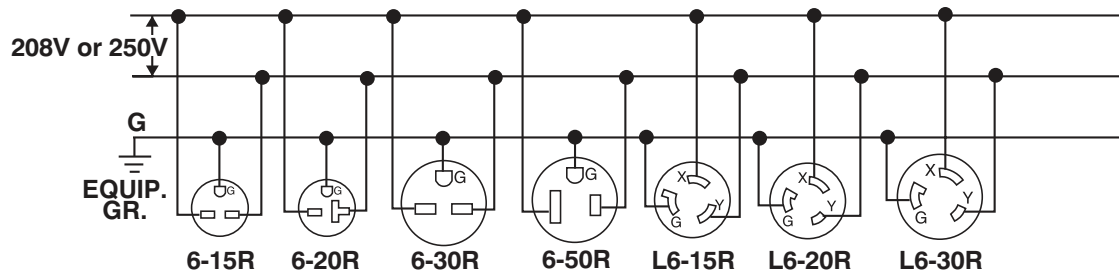


2-Pole 3-Wire Grounding

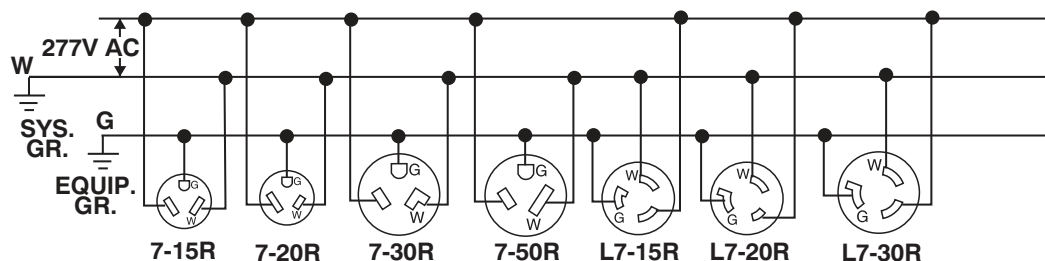
125V



208V or 250V

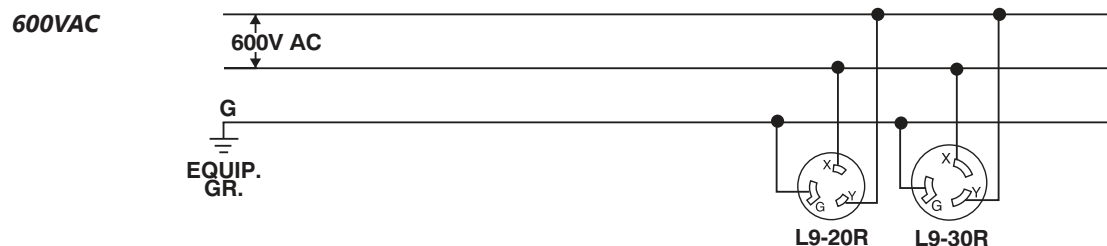
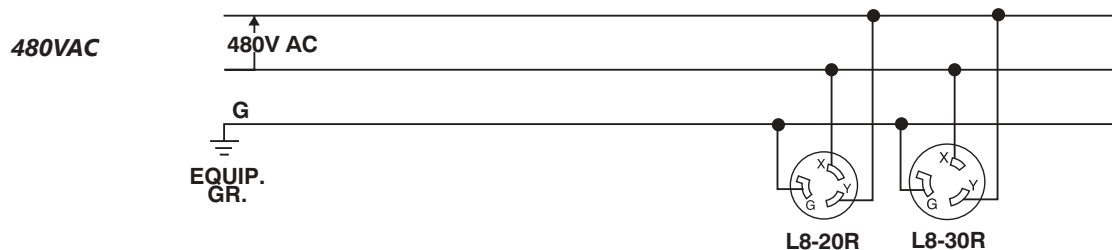


277 VAC

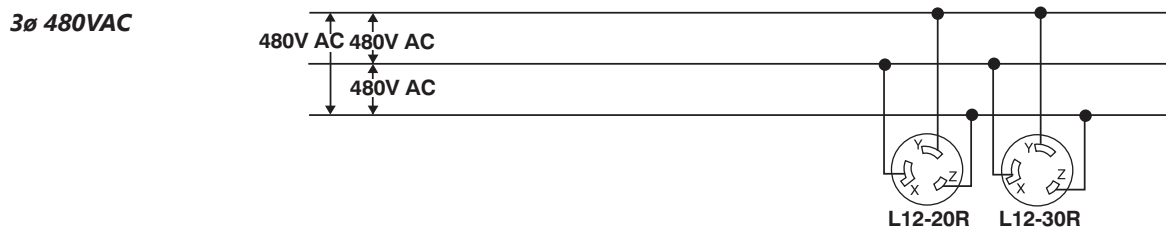
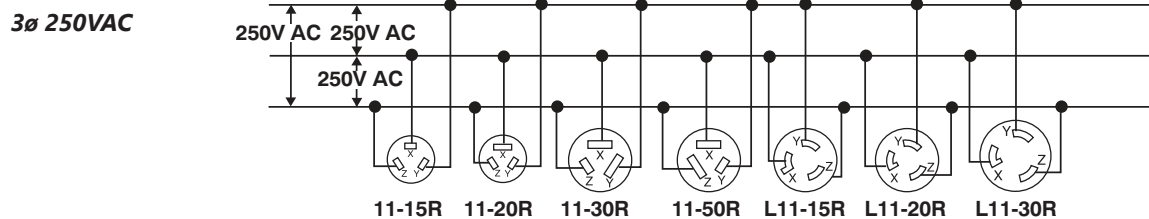
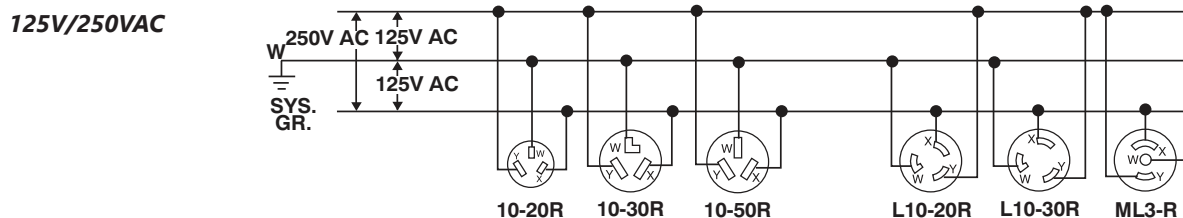


Wiring Devices – NEMA Wiring Diagrams

2-Pole 3-Wire Grounding

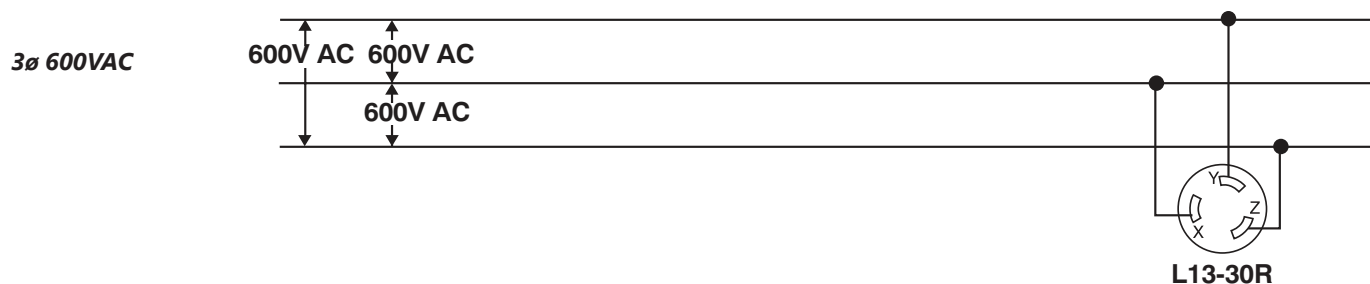


3-Pole 3-Wire

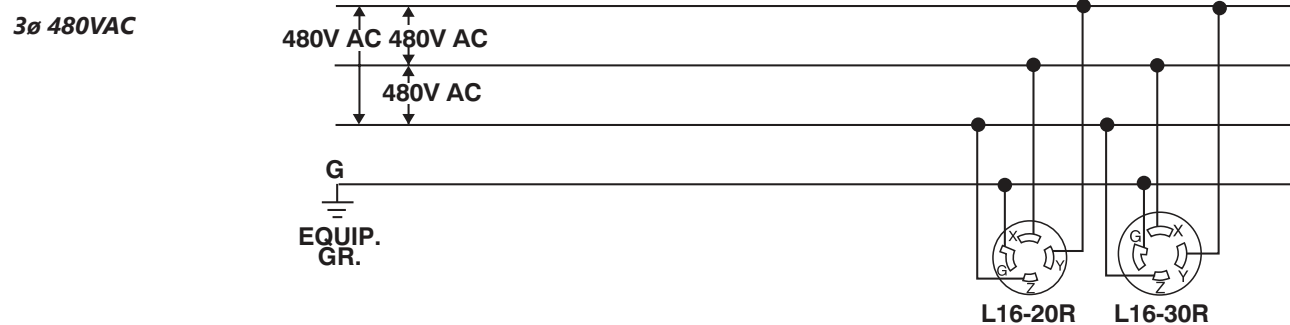
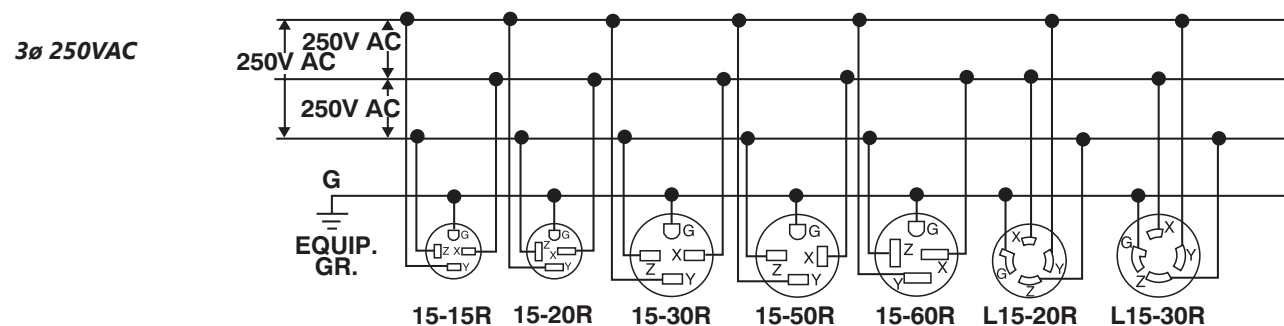
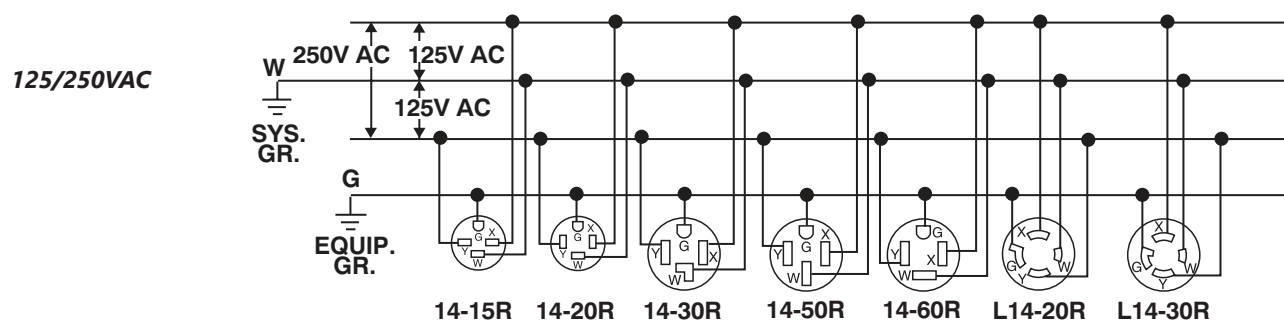


Wiring Devices – NEMA Wiring Diagrams

3-Pole 3-Wire Continued

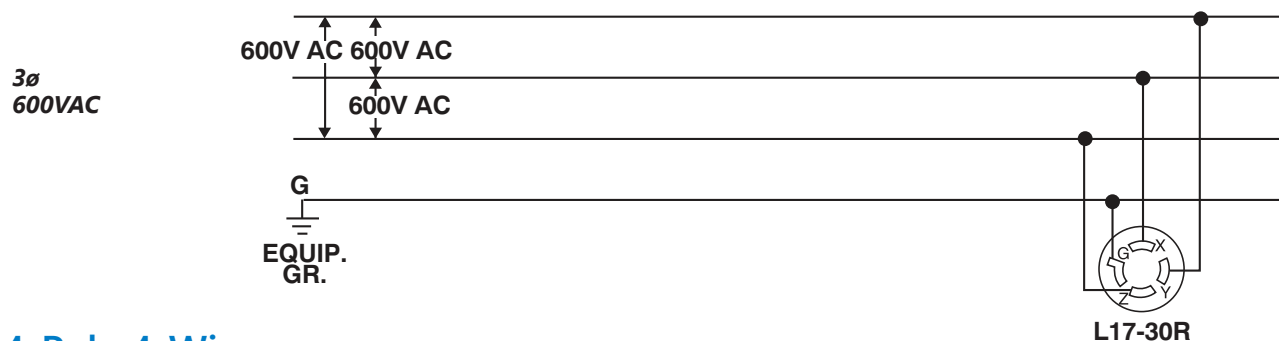


3-Pole 4-Wire Grounding

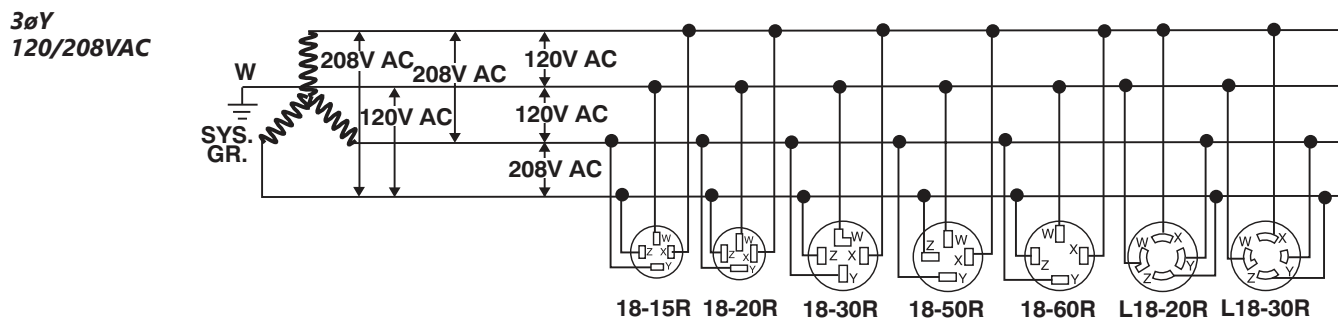


Wiring Devices – NEMA Wiring Diagrams

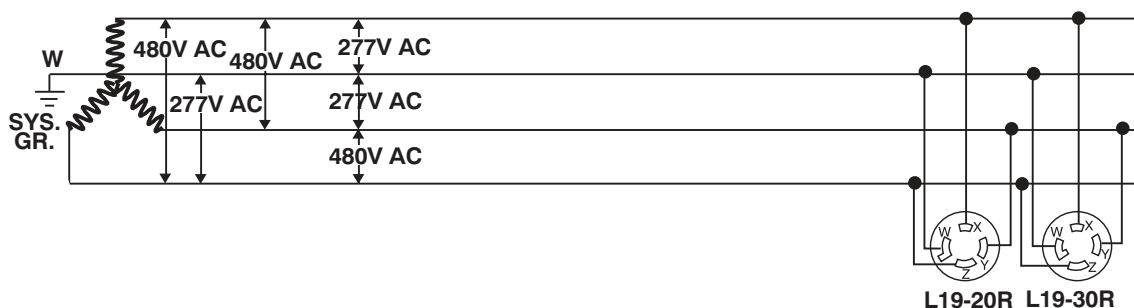
3-Pole 4-Wire Grounding Continued



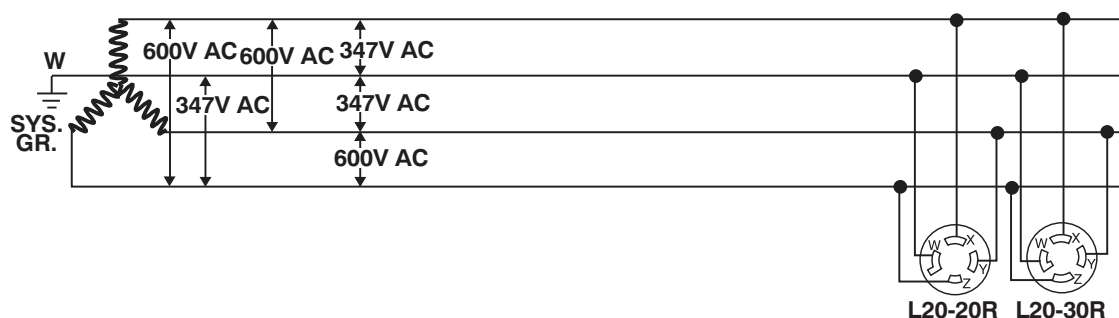
4-Pole 4-Wire



3 ϕ Y
277/480VAC



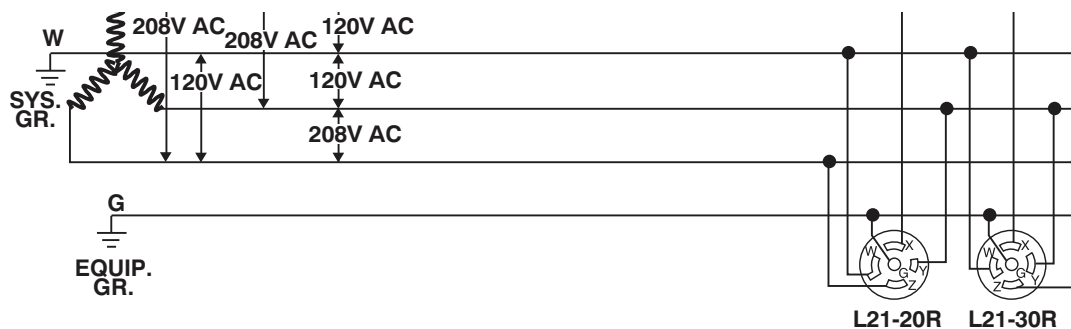
3 ϕ Y
347/600VAC



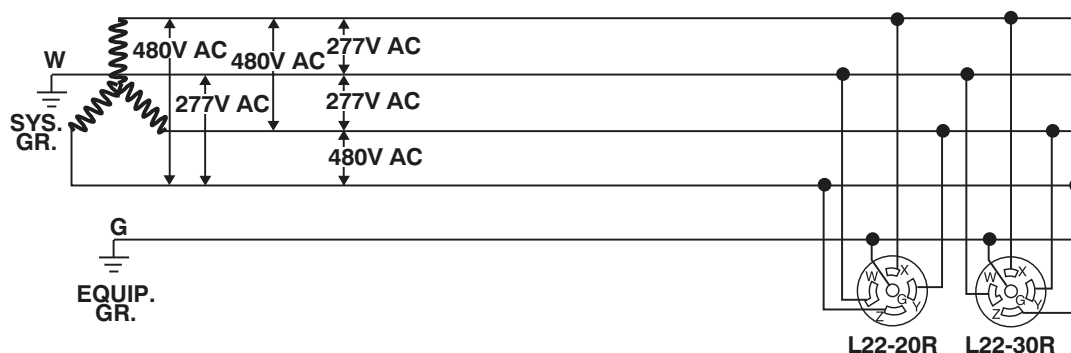
Wiring Devices – NEMA Wiring Diagrams

4-Pole 5-Wire Grounding

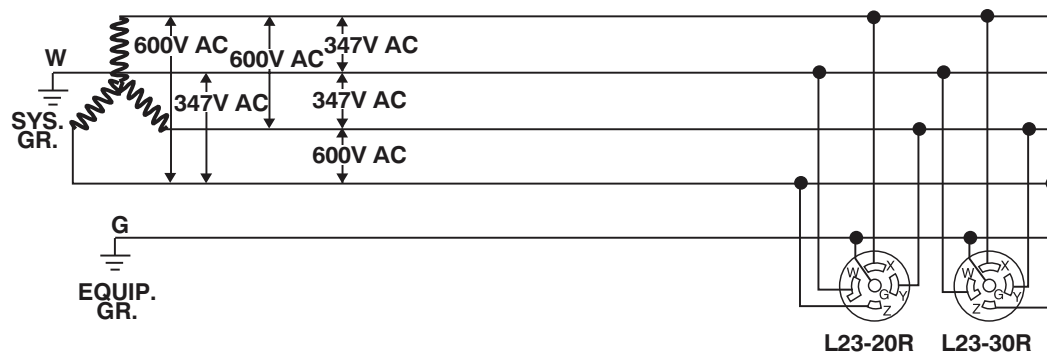
3 ϕ Y
120/208VAC



3 ϕ Y
277/480VAC



3 ϕ Y
347/600VAC





Cable Ties Family Overview

General Purpose Nylon Cable Ties



SapiSelco general purpose Nylon 6.6 cable ties are slotted and held in place by the resistance of the elastic tooth against the rack. These cable ties are resistant to solvents and reagents, oil, gasoline, and hydrocarbons when used at low temperatures, in low concentrations, and for short periods of time. Assortment Kit available.

CLICKTIE®



These ties are low-cost, releasable, and reusable cable ties, suitable for lightweight loads. The double-locking head enables securing two cable bundles with one tie. The body is completely rounded to eliminate all sharp edges guaranteeing reliable performance every time.

These ties are low-cost, releasable, and reusable cable ties, suitable for lightweight loads.

Colored Nylon Cable Ties



SapiSelco colored Nylon 6.6 cable ties are useful in applications that require distinct identifiers. These ties are colored with inorganic dyes and are resistant to solvents and reagents, oil, gasoline, and hydrocarbons when used at low temperatures, in low concentrations, and for short periods of time. Assortment Kit available.

Stainless Steel Tooth Ties



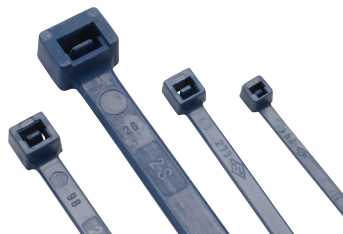
SapiSelco stainless steel tooth ties are forged from nylon and hardened stainless steel with added Molybdenum. This ensures extremely high mechanical strength and optimal resistance to corrosion. A single central raised section makes this tie particularly flexible, while guaranteeing maximum strength at the same time.

UV Resistant Cable Ties



Exposure to sun and ultraviolet rays causes deterioration in nylon. SapiSelco specialty Nylon UV Resistant cable ties can resist and endure the harsh conditions of outdoor applications for up to 10 years. These ties can withstand temperatures up to 125°C [257°F].

Metal Detector Readable Cable Ties



These ties are fabricated with a special composite of 6.6 polyamide and metal powder and are sensitive to electromagnetic fields. They are recommended in the food, pharmaceutical and chemical industry. They are useful in applications where, for safety reasons, it is necessary for a metal detector to be able to detect even very small fragments of these ties that may be mixed in with products.

Specialty Cable Ties



Nylon Releasable Tab



Screw Mount



Low Temp



Nylon Lashing Cable Tie



Identification Ties



Double-headed [Collars]

Tools and Accessories



Cable Tie Cutting Tool



Collar Fastening Metal Plier



Cable Tie Gun Installation Tool



Bi-directional Nylon Square Bases



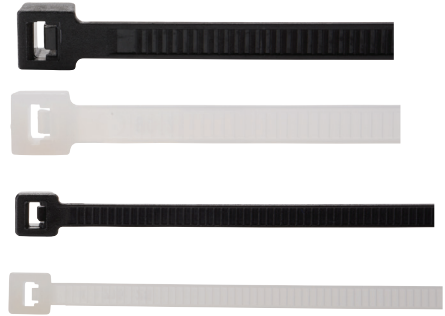
General Purpose Nylon Cable Ties

Overview

These general purpose Nylon 6.6 cable ties are slotted and held in place by the resistance of the elastic tooth against the rack. The tail of the strap is pulled through the head to form a noose that can only be tightened.

Used to fix and seal. The work load is calculated using a safety coefficient of no less than 2. A preload of no higher than 10% of the work load should be applied.

These cable ties are resistant to solvents and reagents, oil, gasoline, and hydrocarbons when used at low temperatures, in low concentrations, and for short periods of time.



Features

- UL 94: V2 self-extinguishing nylon
- Halogen-free
- Not resistant to mineral acids and oxidizing agents
- Designed for indoor applications
- Rounded edges to avoid cable damage
- Operating temperature:
-40 to +85°C [-40 to +185°F]

Agency Approvals

- UL Listed File E160935
- CE

General Purpose Nylon Cable Ties																
Part Number	Pcs/ Bag	Price	Part Number	Pcs/ Bag	Price	Color	Length		Width		Min. Bundle Ø		Max. Bundle Ø		Tensile Strength	
							mm	in	mm	in	mm	in	mm	in	Kg	lb
SEL.2.202	100	\$1n4y::	SEL.2.302	1000	\$1n4z:	Natural	100	3.94	2.5	0.10	2	0.08	24	0.94	11	24.25
SEL.3.202	100	\$1n5c::	SEL.3.302	1000	\$1n5d:	Black	100	3.94	2.5	0.10	2	0.08	24	0.94	11	24.25
SEL.2.204	100	;\$1n4]:	SEL.2.304	1000	;\$1n4[:	Natural	160	6.30	2.5	0.10	2	0.08	42	1.65	11	24.25
SEL.3.204	100	\$1n5e:	SEL.3.304	1000	;\$1n5f:	Black	160	6.30	2.5	0.10	2	0.08	42	1.65	11	24.25
SEL.2.205	100	\$1n4_:	SEL.2.305	1000	\$1n4#:	Natural	200	7.87	2.5	0.10	2	0.08	55	2.17	11	24.25
SEL.3.205	100	\$1n5g:	—	—	—	Black	200	7.87	2.5	0.10	2	0.08	55	2.17	11	24.25
SEL.2.210	100	;\$1n4!:	SEL.2.310	1000	\$1n4?::	Natural	140	5.51	3.5	0.14	3	0.12	36	1.42	20	44.09
SEL.3.210	100	\$1n5h:	SEL.3.310	1000	;\$-1n5i:	Black	140	5.51	3.5	0.14	3	0.12	36	1.42	20	44.09
SEL.2.211	100	;\$1n4,:	SEL.2.311	1000	\$1n50:	Natural	200	7.87	3.5	0.14	3	0.12	55	2.17	20	44.09
SEL.3.211	100	;\$-1n5j:	—	—	—	Black	200	7.87	3.5	0.14	3	0.12	55	2.17	20	44.09
SEL.2.212	100	\$1n51:	—	—	—	Natural	280	11.02	3.5	0.14	3	0.12	80	3.15	20	44.09
SEL.3.212	100	\$1n5k:	—	—	—	Black	280	11.02	3.5	0.14	3	0.12	80	3.15	20	44.09
SEL.2.214	100	\$1n52:	—	—	—	Natural	360	14.17	3.5	0.14	5	0.20	103	4.06	20	44.09
SEL.3.214	100	;\$-1n5l:	—	—	—	Black	360	14.17	3.5	0.14	5	0.20	103	4.06	20	44.09

Continued on next page



General Purpose Nylon Cable Ties

Continued from previous page

General Purpose Nylon Cable Ties																
Part Number	Pcs/ Bag	Price	Part Number	Pcs/ Bag	Price	Color	Length		Width		Min. Bundle Ø		Max. Bundle Ø		Tensile Strength	
							mm	in	mm	in	mm	in	mm	in	Kg	lb
<u>SEL.2.221</u>	100	\$1n53:	<u>SEL.2.321</u>	1000	\$1n54:	Natural	160	6.30	4.5	0.18	3	0.12	38	1.50	28	61.73
<u>SEL.3.221</u>	100	\$1n5n:	—	—	—	Black	160	6.30	4.5	0.18	3	0.12	38	1.50	28	61.73
<u>SEL.2.222</u>	100	\$1n55:	<u>SEL.2.322</u>	1000	\$1n56:	Natural	180	7.09	4.5	0.18	3	0.12	45	1.77	28	61.73
<u>SEL.3.222</u>	100	\$1n5o:	—	—	—	Black	180	7.09	4.5	0.18	3	0.12	45	1.77	28	61.73
<u>SEL.2.425</u>	100	\$1n57:	—	—	—	Natural	280	11.02	4.5	0.18	5	0.20	76	2.99	28	61.73
<u>SEL.3.425</u>	100	\$1n5p:	—	—	—	Black	280	11.02	4.5	0.18	5	0.20	76	2.99	28	61.73
<u>SEL.2.426</u>	100	\$1n58:	—	—	—	Natural	360	14.17	4.5	0.18	5	0.20	101	3.98	28	61.73
<u>SEL.3.426</u>	100	\$1n5q:	—	—	—	Black	360	14.17	4.5	0.18	5	0.20	101	3.98	28	61.73
<u>SEL.2.434</u>	100	\$1n59:	—	—	—	Natural	360	14.17	7.5	0.30	5	0.20	101	3.98	65	143.30
<u>SEL.3.434</u>	100	\$1n5s:	—	—	—	Black	360	14.17	7.5	0.30	5	0.20	101	3.98	65	143.30
<u>SEL.2.143</u>	100	\$1n5a:	—	—	—	Natural	780	30.71	9	0.35	20	0.79	235	9.25	80	176.37
<u>SEL.3.143</u>	100	\$1n5t:	—	—	—	Black	780	30.71	9	0.35	20	0.79	235	9.25	80	176.37
<u>SEL.2.154</u>	100	\$1n5b:	—	—	—	Natural	920	36.22	9	0.35	40	1.57	280	11.02	80	176.37
<u>SEL.3.154</u>	100	\$1n5u:	—	—	—	Black	920	36.22	9	0.35	40	1.57	280	11.02	80	176.37

Cable Tie Assortment Kit

Bucket Mix – Designed for professionals and do-it-yourselfers in mind. Packaged in a practical reusable bucket shaped plastic container, these cable ties are available in convenient 1,200 or 800 pieces, in black and natural. The products are packaged in bags of 100 pieces. This enables the cable ties to preserve their physical characteristics until the time of use, ensuring optimal performance for every application.

Cable Tie Assortment Kit		
Part Number	Price	Description
<u>BUCK.001</u>	\$-4qio:	SapiSelco cable tie assortment kit, black and natural. Package of 1200. Includes (300) 3.93in cable ties, (300) 7.09in cable ties, (300) 7.87in cable ties and (300) 9.84in cable ties.
<u>BUCK.002</u>	\$-4qip:	SapiSelco cable tie assortment kit, black and natural. Package of 800. Includes (200) 3.93in cable ties, (200) 5.51in cable ties, (200) 7.09in cable ties and (200) 7.87in cable ties.

**BUCK.001****BUCK.002**



General Purpose Colored Nylon Cable Ties

Overview

These general purpose colored Nylon 6.6 cable ties are slotted and held in place by the resistance of the elastic tooth against the rack. The tail of the strap is pulled through the head to form a noose that can only be tightened.

Used to fix and seal. The work load is calculated using a safety coefficient of no less than 2. A preload of no higher than 10% of the work load should be applied.

These cable ties are resistant to solvents and reagents, oil, gasoline, and hydrocarbons when used at low temperatures, in low concentrations, and for short periods of time.

Features

- UL 94: V2 self-extinguishing nylon
- Halogen-free
- Designed for indoor applications
- Rounded edges to avoid cable damage
- Operating temperature:
-40 to +85°C [-40 to +185°F]

Agency Approvals

- CE

General Purpose Colored Nylon Cable Ties													
Part Number	Pcs/ Bag	Price	Color	Length		Width		Min. Bundle Ø		Max. Bundle Ø		Tensile Strength	
				mm	in	mm	in	mm	in	mm	in	Kg	lb
SEL.10.202	100	\$1n5v:	Red	100	3.94	2.5	0.10	2	0.08	24	0.94	11	24.25
SEL.11.202	100	\$1n5x:	Blue	100	3.94	2.5	0.10	2	0.08	24	0.94	11	24.25
SEL.12.202	100	\$1n5y:	Green	100	3.94	2.5	0.10	2	0.08	24	0.94	11	24.25
SEL.14.202	100	\$1n5z:	Yellow	100	3.94	2.5	0.10	2	0.08	24	0.94	11	24.25
SEL.21.202	100	\$;1n5j:	Gray	100	3.94	2.5	0.10	2	0.08	24	0.94	11	24.25
SEL.10.210	100	\$;1n5j:	Red	140	5.51	3.5	0.14	3	0.12	36	1.42	20	44.09
SEL.11.210	100	\$1n5_:	Blue	140	5.51	3.5	0.14	3	0.12	36	1.42	20	44.09
SEL.12.210	100	\$1n5#:	Green	140	5.51	3.5	0.14	3	0.12	36	1.42	20	44.09
SEL.14.210	100	\$;1n5l:	Yellow	140	5.51	3.5	0.14	3	0.12	36	1.42	20	44.09
SEL.21.210	100	\$1n5?:	Gray	140	5.51	3.5	0.14	3	0.12	36	1.42	20	44.09
SEL.10.223	100	\$;1n5_:	Red	200	7.87	4.5	0.18	3	0.12	51	2.01	28	61.73
SEL.11.223	100	\$1n60:	Blue	200	7.87	4.5	0.18	3	0.12	51	2.01	28	61.73
SEL.12.223	100	\$1n61:	Green	200	7.87	4.5	0.18	3	0.12	51	2.01	28	61.73
SEL.14.223	100	\$1n62:	Yellow	200	7.87	4.5	0.18	3	0.12	51	2.01	28	61.73
SEL.21.223	100	\$1n63:	Gray	200	7.87	4.5	0.18	3	0.12	51	2.01	28	61.73
SEL.10.425	100	\$1n64:	Red	280	11.02	4.5	0.18	5	0.20	76	2.99	28	61.73
SEL.11.425	100	\$1n65:	Blue	280	11.02	4.5	0.18	5	0.20	76	2.99	28	61.73
SEL.12.425	100	\$1n66:	Green	280	11.02	4.5	0.18	5	0.20	76	2.99	28	61.73
SEL.14.425	100	\$1n67:	Yellow	280	11.02	4.5	0.18	5	0.20	76	2.99	28	61.73
SEL.21.425	100	\$1n68:	Gray	280	11.02	4.5	0.18	5	0.20	76	2.99	28	61.73



Cable Tie Assortment Kit

Bucket Mix – Designed for professionals and do-it-yourselfers in mind. Packaged in a practical reusable bucket shaped plastic container, these cable ties are available in a convenient 800-piece assortment including the colors red, blue, green, and yellow. The products are packaged in bags of 100 pieces. This enables the cable ties to preserve their physical characteristics until the time of use, ensuring optimal performance for every application.

Cable Tie Assortment Kit		
Part Number	Price	Description
BUCK.003	\$-4qiq:	SapiSelco cable tie assortment kit, red, blue, green and yellow. Package of 800. Includes (400) 5.51in cable ties and (400) 7.87in cable ties.



BUCK.003



Nylon Cable Ties with Stainless Steel Tooth

Overview

The increased size of the hardened stainless steel tooth [with added Molybdenum] ensures extremely high mechanical strength and optimal resistance to corrosion. The classic rack has been replaced by a single central raised section, making the MET tie particularly flexible, while guaranteeing maximum strength at the same time. The special design of the MET cable tie enables smoother insertion of the steel tooth, reducing the required insertion force.



Features

- UL 94: V2 self-extinguishing nylon
- Designed for indoor applications
- Rounded edges to avoid cable damage
- Operating temperature:
-40 to +85°C [-40 to +185°F]

Agency Approvals

- UL Listed File E160935
- CE

Nylon Cable Ties with Stainless Steel Tooth

Part Number	Pcs/ Bag	Price	Part Number	Pcs/ Bag	Price	Color	Length		Width		Min. Bundle Ø		Max. Bundle Ø		Tensile Strength	
							mm	in	mm	in	mm	in	mm	in	Kg	lb
MET.2.2102R	100	\$1n69:	MET.2.2302R	1000	\$1n6a:	Natural	100	3.94	2.5	0.10	2	0.08	24	0.94	18	39.68
MET.3.2102R	100	\$1n6v:	MET.3.2302R	1000	\$1n6x:	Black	100	3.94	2.5	0.10	2	0.08	24	0.94	18	39.68
MET.2.2105R	100	\$1n6b:	MET.2.2305R	1000	\$1n6c:	Natural	200	7.87	2.5	0.10	2	0.08	55	2.17	18	39.68
MET.3.2105R	100	\$1n6y:	MET.3.2305R	1000	\$1n6z:	Black	200	7.87	2.5	0.10	2	0.08	55	2.17	18	39.68
MET.2.2110R	100	\$1n6d:	MET.2.2310R	1000	\$1n6e:	Natural	140	5.51	3.5	0.14	3	0.12	36	1.42	28	61.73
MET.3.2110R	100	\$1n6j:	MET.3.2310R	1000	\$1n6l:	Black	140	5.51	3.5	0.14	3	0.12	36	1.42	28	61.73
MET.2.2111R	100	\$1n6f:	MET.2.2311R	1000	\$1n6g:	Natural	200	7.87	3.5	0.14	3	0.12	55	2.17	28	61.73
MET.3.2111R	100	\$1n6_:	MET.3.2311R	1000	\$1n6#:	Black	200	7.87	3.5	0.14	3	0.12	55	2.17	28	61.73
MET.2.2112R	100	\$1n6h:	MET.2.2312R	1000	\$1n6i:	Natural	280	11.02	3.5	0.14	3	0.12	80	3.15	28	61.73
MET.3.2112R	100	\$1n6!:	MET.3.2312R	1000	\$1n6?:	Black	280	11.02	3.5	0.14	3	0.12	80	3.15	28	61.73
MET.2.2123R	100	\$1n6j:	MET.2.2323R	1000	\$1n6k:	Natural	186	7.32	4.5	0.18	3	0.12	51	2.01	40	88.18
MET.3.2123R	100	\$1n6,:	MET.3.2323R	1000	\$1n70:	Black	186	7.32	4.5	0.18	3	0.12	51	2.01	40	88.18
MET.2.2140R	100	\$1n6l:	MET.2.2340R	1000	\$1n6n:	Natural	290	11.42	4.5	0.18	3	0.12	80	3.15	40	88.18
MET.3.2140R	100	\$1n71:	MET.3.2340R	1000	\$1n72:	Black	290	11.42	4.5	0.18	3	0.12	80	3.15	40	88.18
MET.2.2126R	100	\$1n6o:	MET.2.2326R	1000	\$01n6p:	Natural	360	14.17	4.5	0.18	3	0.12	103	4.06	40	88.18
MET.3.2126R	100	\$1n73:	MET.3.2326R	1000	\$01n74:	Black	360	14.17	4.5	0.18	3	0.12	103	4.06	40	88.18
MET.2.2548R	50	\$1n6q:	MET.2.2748R	500	\$1n6s:	Natural	340	13.39	7	0.28	6	0.24	90	3.54	70	154.32
MET.3.2548R	50	\$1n75:	MET.3.2748R	500	\$1n76:	Black	340	13.39	7	0.28	6	0.24	90	3.54	70	154.32
MET.2.2534R	50	\$1n6t:	MET.2.2734R	500	\$01n6u:	Natural	360	14.17	7.5	0.30	6	0.24	101	3.98	80	176.37
MET.3.2534R	50	\$1n77:	MET.3.2734R	500	\$1n78:	Black	360	14.17	7.5	0.30	6	0.24	101	3.98	80	176.37



Specialty Cable Ties

Nylon UV Resistant Cable Ties

Exposure to sun and ultraviolet rays causes deterioration in nylon. Our specialty Nylon UV Resistant cable ties can resist and endure the harsh conditions of outdoor applications for up to 10 years.

Features

- UL 94: V2 self-extinguishing nylon
- Designed for outdoor applications
- Rounded edges to avoid cable damage
- Operating temperature:
-40 to +125°C [-40 to +257°F]

Agency Approvals

- CE



Black Nylon UV Resistant Cable Ties

Part Number	Pcs/ Bag	Price	Length		Width		Min. Bundle Ø		Max. Bundle Ø		Tensile Strength	
			mm	in	mm	in	mm	in	mm	in	Kg	lb
<u>SEL.UVV2.210</u>	100	\$1n79:	140	5.51	3.5	0.14	3	0.12	36	1.42	20	44.09
<u>SEL.UVV2.223</u>	100	\$1n7a:	200	7.87	4.5	0.18	3	0.12	51	2.01	28	61.73
<u>SEL.UVV2.425</u>	100	\$1n7b:	280	11.02	4.5	0.18	5	0.20	76	2.99	28	61.73
<u>SEL.UVV2.426</u>	100	\$1n7c:	360	14.17	4.5	0.18	5	0.20	101	3.98	28	61.73
<u>SEL.UVV2.434</u>	100	\$1n7d:	360	14.17	7.5	0.30	5	0.20	101	3.98	65	143.30

Metal Detector Readable Nylon Cable Ties

These ties are produced with a special 6.6 polyamide with metal powder additive and are sensitive to electromagnetic fields. They are recommended in the food, pharmaceutical and chemical industry. They are useful in applications where, for safety reasons, it is necessary for a metal detector to be able to detect even very small fragments of these ties that may be mixed in with products.

Features

- UL 94: V2 self-extinguishing nylon
- Designed for indoor applications
- Rounded edges to avoid cable damage
- Operating temperature:
-40 to + 85°C [-40 to + 185°F]

Agency Approvals

- CE



Blue Metal Detector Readable Nylon Cable Ties

Part Number	Pcs/ Bag	Price	Length		Width		Min. Bundle Ø		Max. Bundle Ø		Tensile Strength	
			mm	in	mm	in	mm	in	mm	in	Kg	lb
<u>DET.11.2102</u>	100	\$1n7e:	100	3.94	2.5	0.10	2	0.08	24	0.94	10	22.05
<u>DET.11.2110</u>	100	\$1n7f:	140	5.51	3.5	0.14	3	0.12	36	1.42	18	39.68
<u>DET.11.2123</u>	100	\$1n7g:	200	7.87	4.5	0.18	3	0.12	51	2.01	25	55.12
<u>DET.11.2124</u>	100	\$1n7h:	250	9.84	4.5	0.18	5	0.20	68	2.68	25	55.12
<u>DET.11.2140</u>	100	\$1n7i:	280	11.02	4.5	0.18	5	0.20	76	2.99	25	55.12
<u>DET.11.2127</u>	100	\$1n7j:	380	14.96	4.5	0.18	5	0.20	110	4.33	25	55.12
<u>DET.11.2134</u>	100	\$1n7k:	360	14.17	7.5	0.30	5	0.20	101	3.98	60	132.28



Specialty Cable Ties

Nylon Releasable Tab Cable Ties

These ties have a tongue for temporary cabling/fixing applications, enabling the tie to be reused.

Features

- UL 94: V2 self-extinguishing nylon
- Suitable for indoor applications
- Rounded edges to avoid cable damage
- Operating temperature: -15 to +75°C [+5 to +167°F]

Agency Approvals

- CE



Nylon Releasable Tab Cable Ties

Part Number	Pcs/Bag	Price	Color	Length		Width		Min. Bundle Ø		Max. Bundle Ø		Tensile Strength	
				mm	in	mm	in	mm	in	mm	in	Kg	lb
RIA.2.232	100	\$1n7l:	Natural	200	7.87	7.5	0.30	10	0.39	50	1.97	36	79.37
RIA.3.232	100	\$1n7n:	Black	200	7.87	7.5	0.30	10	0.39	50	1.97	36	79.37
RIA.2.231	100	\$1n7o:	Natural	250	9.84	7.5	0.30	10	0.39	65	2.56	36	79.37
RIA.3.231	100	\$1n7p:	Black	250	9.84	7.5	0.30	10	0.39	65	2.56	36	79.37
RIA.2.233	100	\$1n7q:	Natural	280	11.02	7.5	0.30	10	0.39	76	2.99	36	79.37
RIA.3.233	100	\$1n7s:	Black	280	11.02	7.5	0.30	10	0.39	76	2.99	36	79.37
RIA.2.234	100	\$1n7t:	Natural	360	14.17	7.5	0.30	10	0.39	100	3.94	36	79.37
RIA.3.234	100	\$1n7u:	Black	360	14.17	7.5	0.30	10	0.39	100	3.94	36	79.37

Nylon Lashing Cable Tie

This nylon PA 6.6 wiring cable tie has a link above the head for inserting the left over tail which, after installation, does not need to be cut, thereby making installation faster. It can be buttonhole inserted through the teeth in the insert of the cable tie.

Features

- UL 94: V2 self-extinguishing nylon
- Suitable for indoor applications
- Rounded edges to avoid cable damage
- Operating temperature: -15 to +85°C [+5 to +185°F]

Agency Approvals

- CE



Nylon Lashing Cable Tie

Part Number	Pcs/Bag	Price	Color	Length		Width		Min. Bundle Ø		Max. Bundle Ø		Tensile Strength	
				mm	in	mm	in	mm	in	mm	in	Kg	lb
ASO.3.251	50	\$1n7v:	Black	500	19.69	12.5	0.49	10	0.39	140	5.51	130	286.60

Screw Mount Cable Tie

The eyelet tie is designed to tie cable bundles onto even sharp-edged supports, by rivets or screws [not included] inserted through the eyelet.

Features

- UL 94: V2 self-extinguishing nylon
- Suitable for indoor applications
- Rounded edges to avoid cable damage
- Operating temperature: -5 to +85°C [+23 to +185°F]

Agency Approvals

- CE



Screw Mount Cable Tie

Part Number	Pcs/Bag	Price	Color	Length		Width		Mounting Head Hole		Min. Bundle Ø		Max. Bundle Ø		Tensile Strength	
				mm	in	mm	in	mm	in	mm	in	mm	in	Kg	lb
OCH.2.2123	100	\$1n7z:	Natural	200	7.87	4.5	0.18	5	0.20	3	0.12	51	2.01	≥ 22	≥ 48.50



Specialty Cable Ties

Nylon Identification Cable Ties

Nylon cable ties with built-in identification tag.

Features

- UL 94: V2 self-extinguishing nylon
- Suitable for indoor applications
- Rounded edges to avoid cable damage
- Operating temperature: -15 to +75°C [+5 to +167°F]

Agency Approvals

- CE



Nylon Identification Cable Ties															
Part Number	Pcs/Bag	Price	Color	Tag Size		Length		Width		Min. Bundle Ø		Max. Bundle Ø		Tensile Strength	
				mm	in	mm	in	mm	in	mm	in	mm	in	Kg	lb
SEL.2.202T	100	\$;1n7]:	Natural	8 x 25	0.31 x 0.98	100	3.94	2.5	0.10	10	0.39	25	0.98	11	24.25
SEL.2.223T	100	\$;1n7]:	Natural	35 x 13	1.38 x 0.51	200	7.87	4.8	0.19	16	0.62	50	1.97	28	61.73

Double-headed Cable Ties [Collars]

Double-headed locking cable ties offer more secure fastening. Made from a softer thermoplastic, these ties are more flexible than standard cable ties. Because these ties are difficult to fasten by hand, we recommend utilizing [PIN.005](#) collar fastening plier.

Features

- UL 94: HB self-extinguishing nylon
- Suitable for outdoor applications
- Rounded edges to avoid cable damage
- Operating temperature: -40 to +125°C [-40 to +257°F]

Agency Approvals

- CE



Black Double-headed Cable Ties												
Part Number	Pcs/Bag	Price	Length		Width		Min. Bundle Ø		Max. Bundle Ø		Tensile Strength	
			mm	in	mm	in	mm	in	mm	in	Kg	lb
COL.3.321	100	\$1n7x:	265	10.43	9	0.35	15	0.59	63	2.48	40	88.18
COL.3.322	100	\$1n7y:	360	14.17	9	0.35	25	0.98	93	3.66	40	88.18



Specialty Cable Ties

Low Temperature Cable Ties

Made of black UV-stabilized nylon. These cable ties are resistant to low temperatures and suitable for outdoor applications.

Features

- UL 94: HB self-extinguishing nylon
- Suitable for outdoor applications
- Rounded edges to avoid cable damage
- Operating temperature: -50 to +85°C [-58 to +185°F]

Agency Approvals

- CE



Low Temperature Cable Ties

Part Number	Pcs/ Bag	Price	Length		Width		Min. Bundle Ø		Max. Bundle Ø		Tensile Strength	
			mm	in	mm	in	mm	in	mm	in	Kg	lb
SEL.ICE.210R	100	\$-4qii:	140	5.51	3.5	0.14	2.5	0.10	36	1.41	15.29	33.72
SEL.ICE.223R	100	\$-4qij:	200	7.87	4.5	0.18	3	0.12	51	2	22.43	49.45
SEL.ICE.425R	100	\$-4qik:	280	11.02	4.5	0.18	5	0.20	75	2.99	22.43	49.45
SEL.ICE.426R	100	\$-4qil:	360	14.17	4.5	0.18	5	0.20	101	3.97	22.43	49.45
SEL.ICE.434R	100	\$-4qin:	360	14.17	7.36	0.29	5	0.20	101	3.97	46.90	103.41

CLICK TIE Cable Ties

These cable ties are low-cost, releasable, and reusable cable ties, suitable for lightweight loads. The double-locking head enables securing two cable bundles with one tie. The body is completely rounded to eliminate all sharp edges guaranteeing reliable performance every time.

Features

- UL 94: HB self-extinguishing nylon
- Suitable for outdoor applications
- Rounded edges to avoid cable damage
- Operating temperature: -50 to +85°C [-58 to +185°F]

Agency Approvals

- CE



CLICK TIE Cable Ties

Part Number	Pcs/ Bag	Price	Length		Width		Min. Bundle Ø		Max. Bundle Ø		Tensile Strength	
			mm	in	mm	in	mm	in	mm	in	Kg	lb
CLT.10.2110R	100	\$-4qid:	118.11	4.65	3.30	0.13	3	0.12	26	1.02	7.13	15.73
CLT.10.2116R	100	\$-4qie:	237.99	9.37	4.06	0.16	4	0.15	61	2.4	13.76	30.34
CLT.10.2129R	100	\$-4qif:	318.23	12.52	4.31	0.17	5	0.20	83	3.26	15.80	34.84
CLT.10.2149R	100	\$-4qig:	496.02	19.53	5.58	0.22	40	1.57	140	5.51	28.04	61.82
CLT.10.2157	100	\$-4qih:	642.87	25.31	5.58	0.22	80	3.14	180	7.08	28.04	61.82





Tools and Accessories

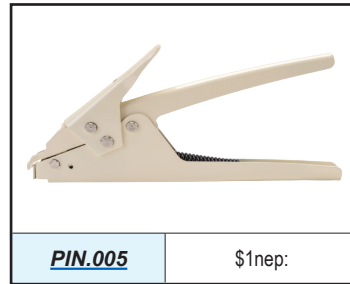
Cable Tie Cutting Tool

The special angle of this cutter's tips enables clean cuts of the ties to sizes between 2.5 and 12.5 mm in width, maintaining the wired electric cables intact. The cutter can also be used for cutting cables.



Collar Fastening Metal Plier

This tool makes it easier to tighten and cut collars. Use with Double-headed Cable Ties. Leaves a short length of tail close to the head. For use with up to 9mm wide cable ties.

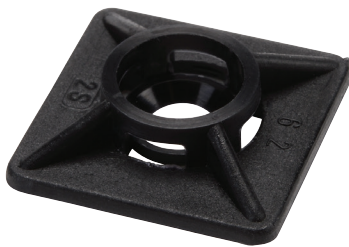


Cable Tie Gun Installation Tool

For use with cable ties up to 5mm wide. This tool helps to adjust the preload and cut the tie. Tightening torque of 2.5 kg to 12kg.



Bi-directional Nylon Square Bases



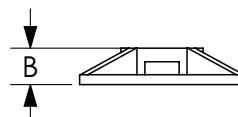
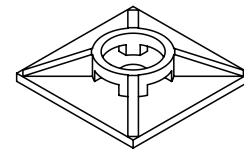
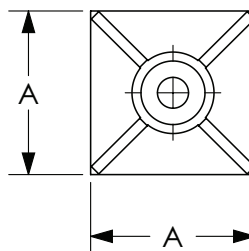
BAS.xMT.507



BAS.x.406

Note: Screw/mount not included

Bi-directional Nylon Square Bases						
Part Number	Pcs/ Bag	Price	Color	Dual Adhesive	Dimensions	
					A	B
<u>BAS.2MT.507</u>	100	\$1neg:	Natural	Yes	18.8 mm [0.74 in]	4.4 mm [0.17 in]
<u>BAS.3MT.507</u>	100	\$1neh:	Black	Yes		
<u>BAS.2MT.508</u>	100	\$-1nei:	Natural	Yes	26.5 mm [1.04 in]	5.9 mm [0.23 in]
<u>BAS.3MT.508</u>	100	\$-1nej:	Black	Yes		
<u>BAS.2.406</u>	100	\$1nek:	Natural	No		
<u>BAS.3.406</u>	100	\$-1nel:	Black	No		





Electrical Tape

Overview

Plymouth Rubber develops and manufactures adhesive tapes and solutions for electrical insulation. Their vast experience in the industry allows them to be one of the more prominent companies in the global industry of electrical tape, highlighting vinyl tapes, rubber tapes, and much more.

Our offering includes solutions for primary insulation, insulating and jacketing splices, and color-coded vinyl tape for quick identification of electrical circuits. This is accomplished with a selection of tapes that include vinyl electrical tape, silicone rubber tape, glass tape, and self-amalgamating and self-fusing mastics.



Electrical Tape							
Part Number	Series	Description	Thickness	Size	Color	Compare With Scotch®	
PR-1101-1	61	Fabric Electrical Tape	7.1 mil	0.75in x 60ft	Yellow	2510	
PR-1121-1	61A	Fabric Electrical Tape w/ Adhesive	7.9 mil			2520	
PR-2006-1	150 ASTM	Rubber Electrical Tape	30 mil	0.75in x 30ft	Gray	n/a	
PR-2104-1	17 Plyshield	Semi-conducting Rubber Electrical Tape		0.75in x 15ft	Black	13	
PR-2117-1	W963	Rubber Electrical Tape		0.75in x 30ft		23	
PR-2211-1	L969	Rubber Electrical Tape		1in x 30ft		130C	
PR-2212-1				1.5in x 30ft			
PR-2213-1				2in x 30ft			
PR-2214-1							
PR-2609-1	VM	Vinyl-backed Mastic Electrical Tape		47 mil	4in x 10ft		n/a
PR-2626-1	10 Plyseal	Mastic Electrical Tape		126 mil	3.75in x 10ft		2229
PR-3455-1	20 Plysil	Silicone Rubber Electrical Tape	20 mil	1in x 30ft	Gray	70	
PR-3456-1	77 PLYGLAS	Glass Cloth Electrical Tape	7 mil	0.75in x 66ft	White	27	
PR-3702-1	Premium 37	Vinyl Electrical Tape	7 mil		Green	35	
PR-3703-1					Yellow		
PR-3704-1					Red		
PR-3705-1					Blue		
PR-3706-1					White		
PR-3707-1					Brown		
PR-3708-1					Orange		
PR-3709-1					Gray		
PR-3711-1					Violet		
PR-3119-5	Revere	Vinyl Electrical Tape		0.75in x 60ft	Black	Temflex 1700	
PR-4275-1	Slipknot Platinum 8.5	Vinyl Electrical Tape	8.5 mil	0.75in x 66ft		Super 88	
PR-4454-1	Slipknot Platinum 7.0	Vinyl Electrical Tape	7 mil	0.75in x 66ft		Super 33+	



Vinyl Electrical Tape

Premium 37 Vinyl Electrical Tape

A 7 mil professional grade available in 9 colors for color coding with an excellent elasticity and insulating properties. High resistance against abrasion, water, oil, alkalis, acids, and corrosive chemicals. Use for quick identification of electrical circuits, containers, and conduit systems as well as primary insulation for splices not more than 600V.

Features

- Cold and weather resistant
- Flame retardant
- High dielectric strength
- Highly elastic
- Highly conformable
- High UV resistance
- Highly resistant to sun, water, oil, acids, alkalis, corrosive chemicals
- Meets ASTM D-3005, Type I; EN 60454-3-1, Type 11; UL 510; CSA C 22.2 no. 197
- Meets 2000/53/EC and RoHS 2011/65/EU directives
- Temperature range:
 - UL510: -10°C – 105°C (14°F – 221°F)
 - CSA C 22.2 no.197: -18°C – 105°C (-0.4°F – 221°F)



Vinyl Electrical Tape										
Part Number	Color	Description	Duty Grade	Size	Thickness	Elongation at Break	Dielectric Strength	Adhesion to Steel	Voltage	Price
<u>PR-3702-1</u>	Green	Premium 37 vinyl electrical tape	professional	0.75in x 66ft	7 mil	260%	1150 V/mil	<u>20 oz/in</u>	600V	\$6bsz:
<u>PR-3703-1</u>	Yellow									\$;6bs]:
<u>PR-3704-1</u>	Red									\$;6bs[:
<u>PR-3705-1</u>	Blue									\$6bs_:
<u>PR-3706-1</u>	White									\$6bs#:
<u>PR-3707-1</u>	Brown									\$;6bs!:
<u>PR-3708-1</u>	Orange									\$6bs?:
<u>PR-3709-1</u>	Gray									\$;6bs,::
<u>PR-3711-1</u>	Violet									\$;6bt0:

Note: Values are typical data.



Vinyl Electrical Tape

Revere Vinyl Electrical Tape

A 7.0 mil general purpose grade characterized by its excellent performance and high durability, with good elasticity, level of adhesion, and insulating properties. Resists abrasion, water, oil, alkalis, acids, and corrosive chemicals. Great for use in harnessing, protective jacketing, as well as primary insulation for splices not more than 600V.

Features

- Meets EN 60454-3-1 and UL-510 standards.
- Meets 2000/53/EC and RoHS 2011/65/EU directives
- Temperature range:
 - UL510: -10°C – 80°C (14°F – 176°F)
 - CSA C 22.2 no.197: -10°C – 105°C (14°F – 221°F)
- Sold in quantity of 5



Slipknot Platinum 7.0

A 7.0 mil premium vinyl electrical tape included in our new Slipknot Vinyl series. A professional grade vinyl electrical tape specially designed for professional use with excellent elasticity even in cold weather applications. Primary insulation for splices up to 600V, protective outer jacket over splices and for all low temperature applications.



Slipknot Platinum 8.5

An 8.5 mil premium vinyl electrical tape included in our new Slipknot Vinyl series. A heavy-duty grade vinyl electrical tape specially designed for professional use with excellent elasticity even in cold weather applications. Primary insulation for splices up to 600V, protective outer jacket over splices and for all low temperature applications.



Slipknot Platinum 7.0 / 8.5 Features

- Cold and weather resistant. All-weather performance.
- Flame retardant
- High dielectric strength
- Highly elastic and conformable
- High UV resistance
- Cold & weather resistant
- High resistant to sun, water, oil, acids, alkalis, and corrosive chemicals
- Meets 2000/53/EC and RoHS 2 2011/65/EU directives
- Meets ASTM D-3005, Type I; EN 60454-3-1, Type 11; UL 510; CSA C 22.2 no. 197
- Temperature range:
 - UL510: -10°C – 80°C (14°F – 176°F)
 - CSA C 22.2 no.197: -18°C – 105°C (0°F – 221°F)

Platinum Vinyl Electrical Tape											
Part Number	Description	Duty Grade	Size	Thickness	Elongation at Break	Voltage	Dielectric Strength	Adhesion to Steel	Color	Quantity	Price
PR-3119-5	Revere	general purpose	0.75in x 60ft	7 mil	220%	600V	1200 V/mil	20 oz/in	Black	5	\$6bsu:
PR-4454-1	Slipknot Platinum 7.0	Professional	0.75in x 66ft		300%		1200 V/mil	27 oz/in		1	\$;6bt2:
PR-4275-1	Slipknot Platinum 8.5	heavy duty		8.5 mil			1150 V/mil				

Note: Values are typical data.



Insulating and Splicing Tape

150 ASTM Low Voltage Rubber Splicing Tape

A 30 mil self-amalgamating tape which can be used for insulating cables splices through 2kV, in conjunction with a jacketing tape. Meets ASTM D4388, Communications Industry Specification 6746.

Features

- Self-amalgamating
- Good electrical properties
- Effective moisture seal
- Good conformability



W963 Plysafe Rubber Tape w/ Liner

A 30 mil EPR, self-bonding, high voltage tape for insulating and jacketing splices through 69kV. W963 amalgamates quickly, yielding a void-free, electrically stable build-up and it's ideal for waterproofing. Meets ASTM D-4388, HH-I-553C/Grade A, MIL-I3825B standards.

Features

- Self-amalgamating
- Outstanding corona and ozone resistance
- UV resistance
- Excellent moisture, corrosion and chemical resistance



L969 Plyvolt Linerless Rubber Tape

A 30mil EPR, self-bonding, thermally conductive tape for insulating and jacketing splices through 69kV. L969 Plyvolt is linerless, allowing an easier application and a void-free build-up. This rubber tape provides excellent corona, ozone, and chemical resistance. It can also be used for building stress-cones on power cable through 35kV.

Features

- Linerless
- Self-amalgamating
- Outstanding corona and ozone resistance
- High thermal conductivity
- Excellent moisture, corrosion chemical resistance, and UV resistance
- Lead free



Insulating and Splicing Tape									
Part Number	Description	Size	Thickness	Voltage	Elongation at Break	Dielectric Strength	Maximum Temperature	Color	Price
PR-2006-1	150 ASTM rubber electrical tape	0.75in x 30ft	30 mil	2 kV	500%	508 V/mil	176 deg F (80 deg C)	Gray	\$6bsq:
PR-2117-1	W963 rubber electrical tape	0.75in x 30ft		69 kV	950%	1000 V/mil	194 deg F (90 deg C)	Black	\$6bss:
PR-2211-1	L969 rubber Electrical Tape	0.75in x 30ft		69 kV	890%	990 V/mil			\$:6bst:
PR-2212-1		1in x 30ft		69 kV					\$-6bsi:
PR-2213-1		1.5in x 30ft		69 kV					\$-6bsj:
PR-2214-1		2in x 30ft		69 kV					\$6bsk:

Note: Values are typical data.



Insulating and Splicing Tape

20 Physil Silicone Rubber Tape

A 20 mil triangular cross-section, self-fusing tape, arc and track resistance, used for jacketing high voltage terminations on solid dielectric cable through 69kV.

Features

- Unique triangular cross-section
- Self-amalgamating
- -50°C to 200°C (-60°F to 400°F) operating temperature.
- UV resistant
- Oil resistant
- Center line for half-lapping guide



61/61A Varnished Dacron Glass Tape

A fine weave of Dacron and fiber glass threads, impregnated with a fully cured polyester coating which provides excellent electrical and mechanical protection. Available without adhesive (61/7 mil) and with adhesive (61A/8 mil).

Features

- Straight weave with bias characteristics
- Exceptionally high dielectric strength
- Retains dielectric strength on heat aging
- Excellent flexibility and conforms well to irregular shapes
- High tensile and edge-tear strength
- Meet requirements for Class F insulation



17 Plyshield Semi-Conducting Electrical Tape

An ethylene propylene rubber based, self-amalgamating and conducting tape. Its unsupported construction makes it ideal for use on power cable where accommodation of expansion and contraction due to load cycling is important. Use this semi-conducting tape for shielding cable from EMI, at termination points, and for providing a ground path for dissipating a charge resulting from EMI. The excellent stretch of 17 Plyshield allows conformability to complex shapes. Meets ASTM D-4388 Type IV standard.

Features

- Self-amalgamating retains good conducting properties
- Easy to apply
- UV resistance



Insulating and Splicing Tape - Cont'd											
Part Number	Description	Size	Thickness	Voltage	Adhesion to Steel	Elongation at Break	Dielectric Strength	Maximum Temperature	Color	Special	Price
<u>PR-3455-1</u>	20 Physil silicone rubber tape	1in x 30ft	20 mil	69 kV	n/a	300%	610 V/mil	400 deg F (204 deg C)	Gray	n/a	\$6bsv:
<u>PR-1101-1</u>	61 Fabric electrical tape	0.75in x 60ft	7.1 mil	n/a		n/a	1270 V/mil	311 deg F (155 deg C)	Yellow	w/o adhesive	\$6bso:
<u>PR-1121-1</u>	61A Fabric electrical tape		7.9 mil		w/ adhesive					\$6bsp:	
<u>PR-2104-1</u>	17 Plyshield semi-conducting rubber electrical tape	0.75in x 15ft	30 mil			n/a	750%	n/a	194 deg F (90 deg C)	Black	n/a

Note: Values are typical data.



Mastics and Specialty Tapes

Vinyl Mastic

A self-fusing mastic compound with an all weather vinyl backing that adds UV protection. It can be used for insulating and water sealing electrical connections through 600V. Excellent electrical properties, superior adhesion, moisture and chemical resistance.

10 Plyseal Insulating Mastic

A self-amalgamating insulating mastic for insulating and sealing all types of overhead and direct buried electrical connections up to 600V. Excellent adhesion to metals, cable insulations and jackets. For water-sealing duct work cable ends and all types of splices.

77 Plyglas Glass Cloth Tape

A 7 mil woven glass fabric tape with a thermosetting rubber based adhesive used for protecting and insulating high temperature connections (130°C/266°F), such as motor leads, and transformed windings. High tensile strength for splice reinforcement. Excellent tear and abrasion resistance.



PR-2609-1



PR-2626-1



PR-3456-1

Sealing and Insulating Mastics									
Part Number	Style	Size	Thickness	Voltage	Dielectric Strength	Adhesion to Steel	Maximum Temperature	Color	Price
PR-2609-1	VM Mastic electrical tape	4in x 10ft	47 mil	600V	330 V/mil	200 oz/in	194 deg F (90 deg C)	Black	\$-6bsl:
PR-2626-1	10 Plyseal Mastic electrical tape	3.75in x 10ft	126 mil		508 V/mil	n/a*			\$6bsn:
PR-3456-1	77 Plyglas Cloth Electrical Tape	0.75in x 66ft	7 mil		350V/mil	16 oz/in	266 deg F (130 deg C)	White	\$6bsy:

Note: Values are typical data.

*Excellent adhesion to metals, cable insulations, and jackets.

EPSON® LabelWorks PX Series Printers

LW-PX300 Portable Label Printer

The LW-PX300 is a low-cost, compact wire-marking, bar-code and general-identification label printer for creating custom and compliant labels up to 18mm [3/4 in] wide. Identify wires and equipment, organize tool cribs and storage bins, tag assets, and more. This portable, easy-to-use label maker offers flexibility and durability at an affordable price. With the LW-PX300, you can print on a variety of materials such as magnetic tape, heat shrink tube and super strong adhesive tape.

Features

- Thermal Transfer Technology
- Prints on supplies 3 to 18mm [1/8 to 3/4 inch]
- 6mm/second max print speed (with AC power adapter)
- Resolution 180dpi
- 140 x 80 dot back-lit monochrome LCD
- Manual full-cut label cutter
- Over 800 industrial and professional symbols
- Prints custom and compliant labels
- Great for barcodes, shrink tube, magnetic labels and more
- Low cost and portable printer for use in the field or workplace
- Requires 6 AA Batteries (not included)
- Lifetime warranty

System Contents

The LW-PX300 portable label printer comes standard with:

- EPSON LW-PX300 printer
- 212VTBW PX 12mm [1/2 in] black on white tape cartridge
- User manual

The kit adds the following:

- Bumper guard
- AC power adapter
- Industrial carrying case



LW-PX300



LW-PX300VP

LW-PX300 Label Printer and Accessories		
Part Number	Price	Description
<u>LW-PX300</u>	\$;5[gf:	Epson LabelWorks PX series portable label printer, prints labels up to 18mm (3/4in) wide or 5mm (3/16in) nominal diameter, thermal transfer, 180dpi, back-lit monochrome LCD, manual label cutter. For use with Epson LabelWorks PX series label cartridges.
<u>LW-PX300VP</u>	\$;5[gg:	Epson LabelWorks PX series portable label printer kit, prints labels up to 18mm (3/4in) wide or 5mm (3/16in) nominal diameter, thermal transfer, 180dpi, back-lit monochrome LCD, manual label cutter. For use with Epson LabelWorks PX series label cartridges.
<u>APT0615</u>	\$;5[ga:	Epson LabelWorks PX series AC power adapter, replacement. For use with Epson LabelWorks LW-PX300 portable label printer.
<u>LWCS1000</u>	\$;5[gd:	Epson LabelWorks PX series carrying case, replacement. For use with Epson LabelWorks LW-PX300 portable label printer.
<u>LWRG300</u>	\$;5[g8:	Epson LabelWorks PX series bumper guard, replacement. For use with Epson LabelWorks LW-PX300 portable label printer.



APT0615



LWCS1000



LWRG300

EPSON® LabelWorks PX Series Printers

LW-PX400 Portable Label Printer

The [LW-PX400](#) offers power and versatility in a small, light and flexible printer that prints labels up to 24mm [1in] wide. Connect your iOS or Android mobile device to the [LW-PX400](#) via Bluetooth™ to make labels effortlessly via the free mobile apps. Or use Epson's Label Editor software to create professional labels, self-laminating wire wraps, and heat shrink wire markers.

Features

- Thermal Transfer Technology
- Prints on supplies 3 to 24mm [1/8 to 1in]
- 15mm/second maximum print speed (with AC power adapter)
- Portable and wireless printing capabilities powered by AC adapter or 6AA batteries (not included)
- Resolution 180dpi
- Automatic full-cut label cutter
- Bluetooth compatible with mobile device and Windows PC
- Prints custom and compliant labels and wire markings
- Low cost and portable printer for use in the field or workplace
- Lifetime warranty

Connectivity

- Interface: USB, Bluetooth™
- Software download: Epson Label Editor: Windows 7, 8, 8.1, 10, 11, Epson Label Editor Mobile
- Epson Datacom app
- Label Editor Lite for iOS

System Contents

The [LW-PX400](#) portable label printer comes standard with:

- EPSON [LW-PX400](#) printer
- [212VTBWPX](#) 12mm [1/2 in] black on white tape cartridge
- Drop-guard cover
- AC power adapter
- USB cable 1m [3.28 ft]
- User manual



LW-PX400

LW-PX400 Label Printer and Accessories

Part Number	Price	Description
LW-PX400	\$;05[gh:	Epson LabelWorks PX series portable label printer, prints labels up to 24mm (1in) wide or 14mm (9/16in) nominal diameter, thermal transfer, 180dpi, Android/iOS, automatic label cutter. For use with Epson LabelWorks PX series label cartridges.
AST1116	\$;.5[gb:	Epson LabelWorks PX series AC power adapter, replacement. For use with Epson LabelWorks LW-PX400 and LW-PX700 portable label printers.
LWRG400	\$;.5[g9:	Epson LabelWorks PX series bumper guard, replacement. For use with Epson LabelWorks LW-PX400 portable label printer.



AST1116



LWRG400

EPSON® LabelWorks PX Series Printers

LW-PX700 Portable Label Printer

LW-PX700 offers you a portable label and wire marker solution with exclusive time and cost saving features for creating custom and compliant labels up to 24mm [1in] wide. Type your message in multiple languages and choose between horizontal and vertical labels. Never lose a label with the special "Drop-Stop" feature; it is especially handy with the "Pick-and-Print" mode. The printer will print a label, cut it, hold it, and then automatically print the next label in a batch when the label is removed.

Features

- Thermal Transfer Technology
- Prints on supplies 3 to 24mm [1/8 to 1in]
- 30mm/second maximum print speed (with AC power adapter)
- Portable printing capabilities
- Resolution 180dpi
- 140 x 80 dot back-lit monochrome LCD
- Automatic full- and half-cut label cutter
- Application specific hot keys
- Mixed-length printing for variable length labels
- Powered by AC Adapter included with printer, 6 AA batteries not included, or Lithium-ion battery included in kit or sold separately
- Lifetime warranty

Connectivity

- USB
- Software download: Epson Label Editor: Windows 7, 8, 8.1, 10, 11

System Contents

The LW-PX700 portable label printer comes standard with:

- EPSON LW-PX700 printer
- 212VTBWXP 12mm [1/2 in] black on white tape cartridge
- AC power adapter
- User manual

The kit adds the following:

- Label Editor software download
- USB cable 1m [3.28 ft]
- Lithium-ion battery
- Industrial carrying case
- Attachable magnetic feet



LW-PX700



LW-PX700PCD

LW-PX700 Label Printer and Accessories

Part Number	Price	Description
<u>LW-PX700</u>	\$,-:05[g]:	Epson LabelWorks PX series portable label printer, prints labels up to 24mm (1in) wide or 14mm (9/16in) nominal diameter, thermal transfer, 180dpi, back-lit monochrome LCD, automatic label cutter. For use with Epson LabelWorks PX series label cartridges.
<u>LW-PX700PCD</u>	\$,-:05[g]:	Epson LabelWorks PX series portable label printer kit, prints labels up to 24mm (1in) wide or 14mm (9/16in) nominal diameter, thermal transfer, 180dpi, back-lit monochrome LCD, automatic label cutter. For use with Epson LabelWorks PX series label cartridges.
<u>AST1116</u>	\$;:5[gb]:	Epson LabelWorks PX series AC power adapter, replacement. For use with Epson LabelWorks LW-PX400 and LW-PX700 portable label printers.
<u>LWCS1200</u>	\$;:5[ge]:	Epson LabelWorks PX series carrying case, replacement. For use with Epson LabelWorks LW-PX700 and LW-PX900 portable label printers.
<u>LWPXLION</u>	\$;:5[g6]:	Epson LabelWorks PX series battery, replacement. For use with Epson LabelWorks LW-PX700 and LW-PX900 portable label printers.
<u>LWPXMAG</u>	\$;:5[g7]:	Epson LabelWorks PX series mounting magnets, replacement. Package of 2. For use with Epson LabelWorks LW-PX700 and LW-PX900 portable label printers.



AST1116



LWCS1200



LWPXLION



LWPXMAG

EPSON® LabelWorks PX Series Printers

LW-PX900 Portable Label Printer

Designed with innovative features that save time and tape, the LW-PX900 features high-speed 360dpi print output that creates highly visible and detailed labels, bar codes and wire identification on a variety of supplies up to 36mm [1-1/2 in] wide. Never lose a label with the special "Drop-Stop" feature; it is especially handy with the "Pick-and-Print" mode. The printer will print a label, cut it, hold it, and then automatically print the next label in a batch when the label is removed.

Features

- Thermal Transfer Technology
- Prints on supplies 3 to 36mm [1/8 to 1-1/2 in]
- 35mm/second maximum print speed (with AC power adapter)
- Portable printing capabilities
- Resolution 360dpi
- 140 x 80 dot back-lit monochrome LCD
- Application specific hot keys
- Mixed-length printing for variable length labels
- Powered by AC Adapter included with printer, 6 AA batteries not included, or Lithium-ion battery included in kit or sold separately
- Lifetime warranty

Connectivity

- USB
- Software download: Epson Label Editor: Windows 7, 8, 8.1, 10, 11

System Contents

The LW-PX900 portable label printer comes standard with:

- EPSON LW-PX900 printer
- 212VTBWPX 12mm [1/2 in] black on white tape cartridge
- AC power adapter
- User manual

The kit adds the following:

- Label Editor software download
- USB cable 1m [3.28 ft]
- Lithium-ion battery
- Industrial carrying case
- Attachable magnetic feet



LW-PX900



LW-PX900PCD

LW-PX900 Label Printer and Accessories

Part Number	Price	Description
<u>LW-PX900</u>	\$;05[gk:	Epson LabelWorks PX series portable label printer, prints labels up to 36mm (1-1/2in) wide or 21mm (7/8in) nominal diameter, thermal transfer, 360dpi, back-lit monochrome LCD, automatic label cutter. For use with Epson LabelWorks PX series label cartridges.
<u>LW-PX900PCD</u>	\$;-05[gl:	Epson LabelWorks PX series portable label printer kit, prints labels up to 36mm (1-1/2in) wide or 21mm (7/8in) nominal diameter, thermal transfer, 360dpi, back-lit monochrome LCD, automatic label cutter. For use with Epson LabelWorks PX series label cartridges.
<u>AST1527</u>	\$;5[gc:	Epson LabelWorks PX series AC power adapter, replacement. For use with Epson LabelWorks LW-PX900 portable label printer.
<u>LWCS1200</u>	\$;5[ge:	Epson LabelWorks PX series carrying case, replacement. For use with Epson LabelWorks LW-PX700 and LW-PX900 portable label printers.
<u>LWPXLION</u>	\$;5[g6:	Epson LabelWorks PX series battery, replacement. For use with Epson LabelWorks LW-PX700 and LW-PX900 portable label printers.
<u>LWPXMAG</u>	\$;5[g7:	Epson LabelWorks PX series mounting magnets, replacement. Package of 2. For use with Epson LabelWorks LW-PX700 and LW-PX900 portable label printers.



AST1527



LWCS1200



LWPXLION



LWPXMAG

EPSON® LabelWorks PX Series Labels

Polyester Standard Label Cartridge

Standard label cartridges (polyester) are for general identification for indoor/outdoor usage, barcode label, caution or warning label. The polyester standard cartridges have acrylic adhesive and are available in white, yellow, blue, red, clear, black, orange, purple, and green background colors. The standard label tape cartridges can withstand service temperatures from -55 to 125°C [-67 to 257°F] .

Polyester Standard Label Cartridge							
Part Number	Price	Description	Width mm [in]*	Material	Text Color	Background Color	Length
204BWPX	\$:5[cz:	Standard label tape cartridge	4 [1/6]	Polyester	Black	White	30ft [9.1 m] roll
206BBPX	\$:5[c?:		6 [1/4]		Black	Blue	
206BCPX	\$:;5[c,:.				Black	Clear	
206BGPX	\$:5[d0:				Black	Green	
206BRPX	\$:5[d1:				Black	Red	
206BWPX	\$:5[d2:				Black	White	
206BYPX	\$:5[d3:				Black	Yellow	
206WBPX	\$:5[d4:		White		Black		
209BBPX	\$:5[d7:		9 [3/8]		Black	Blue	
209BCPX	\$:5[d8:				Black	Clear	
209BGPX	\$:5[d9:				Black	Green	
209BRPX	\$:5[da:				Black	Red	
209BWPX	\$:5[db:				Black	White	
209BYPX	\$:5[dc:				Black	Yellow	
209WBPX	\$:5[dg:		White		Black		
212BBPX	\$:5[dn:		12 [1/2]		Black	Blue	
212BCPX	\$:5[do:				Black	Clear	
212BGPX	\$:5[dp:				Black	Green	
212BOPX	\$:5[dq:				Black	Orange	
212BRPX	\$:5[ds:				Black	Red	
212BWPX	\$:;5[dt:				Black	White	
212BYPX	\$:5[du:				Black	Yellow	
212RWPX	\$:5[e0:				Red	White	
212WBPX	\$:5[e4:				White	Black	
212WCPX	\$:5[e5:				White	Clear	
212WGPX	\$:5[e6:				White	Green	
212WLPX	\$:5[e7:				White	Blue	
212WRPX	\$:5[e8:				White	Red	
218BBPX	\$:5[ea:				18 [3/4]	Black	
218BCPX	\$:5[eb:		Black			Clear	
218BGPX	\$:5[ec:		Black			Green	
218BOPX	\$:5[ed:		Black			Orange	
218BRPX	\$:5[ee:		Black			Red	
218BVPX	\$:;5[ef:		Black			Purple	
218BWPX	\$:5[eg:		Black			White	
218BYPX	\$:5[eh:		Black			Yellow	
218WBPX	\$:;5[e[:		White			Black	
218WCPX	\$:5[e_:		White			Clear	
218WGPX	\$:5[e#:		White			Green	
218WLPX	\$:;5[e[:		White			Blue	
218WRPX	\$:5[e?:		White			Red	

*Inches shown as nominal
Continued on following page



204BWPX



206BYPX



209BGPX



212BOPX



218BVPX

EPSON® LabelWorks PX Series Labels

Continued from previous page

Polyester Standard Label Cartridge							
Part Number	Price	Description	Width mm [in]*	Material	Text Color	Background Color	Length
224BBPX	\$,;5[f1:	Standard label tape cartridge	24 [1]	Polyester	Black	Blue	30ft [9.1 m] roll
224BCPX	\$,;5[f2:				Black	Clear	
224BGPX	\$,;5[f3:				Black	Green	
224BOPX	\$,;5[f4:				Black	Orange	
224BRPX	\$,;5[f5:				Black	Red	
224BWPX	\$,;5[f6:				Black	White	
224BYPX	\$,;5[f7:				Black	Yellow	
224WBPX	\$,;5[fk:				White	Black	
224WCPX	\$,;-5[fl:				White	Clear	
224WGPX	\$,;5[fn:				White	Green	
224WLPX	\$,;5[fo:				White	Blue	
224WRPX	\$,;5[fp:				White	Red	
236BBPX	\$,;5[fq:		36 [1-1/2]		Black	Blue	
236BCPX	\$,;5[fs:				Black	Clear	
236BGPX	\$,;;5[ft:				Black	Green	
236BOPX	\$,;5[fu:				Black	Orange	
236BRPX	\$,;5[fv:				Black	Red	
236BWPX	\$,;5[fx:				Black	White	
236BYPX	\$,;5[fy:				Black	Yellow	
236WBPX	\$,5[g3:				White	Black	
236WLPX	\$,5[g4:				White	Blue	
236WRPX	\$,5[q5:				White	Red	

*Inches shown as nominal

**224WCPX****236BBPX**

Vinyl Standard Label Cartridge

Vinyl standard label cartridges are ideal for wire and cable labeling that require elasticity (wrinkle resistant), and weather resistance for outdoor use. Strong and long-lasting, LabelWorks PX vinyl labels adhere smoothly even on multi-faceted surfaces and stay firmly attached while providing excellent resistance to smearing, scratching, fading, and peeling. The standard vinyl series can withstand operating temperatures from -40 to 90°C [-40 to 194°F].

Vinyl Standard Label Cartridge								
Part Number	Price	Description	Width mm [in]*	Material	Text Color	Background Color	Length	
212VTBWPX	\$;5[e2:	Standard label tape cartridge	12 [1/2]	Vinyl	Black	White	22.9 ft [6.97 m] roll	
212VTBYPX	\$;5[e3:				Black	Yellow		
218VTBWPX	\$;5[ez:		18 [3/4]		Black	White		
218VTBYPX	\$;5[e]:				Black	Yellow		
224VTBWPX	\$;5[fi:		24 [1]		Black	White		
224VTBYPX	\$;5[fj:				Black	Yellow		
236VTBWPX	\$;5[g1:		36 [1-1/2]		Black	White		
236VTBYPX	\$;5[g2:				Black	Yellow		

*Inches shown as nominal

**212VTBWPX****236VTBYPX**

EPSON® LabelWorks PX Series Labels

Polyester Industrial Adhesive Label Cartridge

Polyester industrial adhesive labels are offered in five different fluorescent background colors and will help with applications that need to make a bold statement. These labels are popular in the medical field and labs for making announcements, warnings and statements.

Polyester Industrial Adhesive Label Cartridge							
Part Number	Price	Description	Width mm [in]*	Material	Text Color	Background Color	Length
218FGPX	\$,-5[ei:	Industrial adhesive label cartridge	18 [3/4]	Polyester	Black	Fluorescent Green	30ft [9.1 m] roll
218FOPX	\$,-5[ej:				Black	Fluorescent Orange	
218FPPX	\$,5[ek:				Black	Fluorescent Pink	
218FRPX	\$,-5[el:				Black	Fluorescent Red	
218FYPX	\$,5[en:				Black	Fluorescent Yellow	

*Inches shown as nominal



218FGPX

Strong Adhesive Label Cartridge

Strong adhesive labels are designed for challenging applications where secure bonding is required for porous, curved, or textured surfaces. The slow-set adhesive allows the labels to be easily repositioned before the bond becomes strong and permanent. The strong adhesive bond creates long-lasting, durable labels that can survive the harshest environments.

Strong Adhesive Label Cartridge								
Part Number	Price	Description	Width mm [in]*	Material	Text Color	Background Color	Length	
209IBWPX	\$,5[dd:	Strong adhesive label cartridge	9 [3/8]	Polyester	Black	White	30ft [9.1 m] roll	
209IBYPX	\$,5[de:				Black	Yellow		
212GBPX	\$,5[dv:		12 [1/2]		Gold	Black		
212GCPX	\$,5[dx:				Gold	Clear		
212IBWPX	\$,5[dy:				Black	White		
212IBYPX	\$,5[dz:				Black	Yellow		
218IBWPX	\$,5[eo:		18 [3/4]		Black	White		
218IBYPX	\$,5[ep:				Black	Yellow		
224IBWPX	\$,5[f8:		24 [1]		Black	White		
224IBYPX	\$,5[f9:				Black	Yellow		
236IBWPX	\$,5[fz:		36 [1-1/2]		Black	White		
236IBYPX	\$,5[fi:				Black	Yellow		

*Inches shown as nominal



218IBWPX



218IBYPX

Removable Adhesive Label Cartridge

Removable adhesive labels, commonly used in labs and medical industries, stay put where and when you want them. They can easily be removed without surface cleaners and can withstand temperatures from 5 to 35°C [41 to 95°F] at 30 to 80% RH.

Removable Adhesive Label Cartridge							
Part Number	Price	Description	Width mm [in]*	Material	Text Color	Background Color	Length
212RAPX	\$,5[d,:]	Removable adhesive label cartridge	12 [1/2]	Polyester	Black	White	30ft [9.1 m] roll

*Inches shown as nominal



212RAPX

EPSON® LabelWorks PX Series Labels

Extra-Tough Nylon Cloth Label Cartridge

Extra-tough labels made of nylon cloth with a matte finish and acrylic adhesive are available in three widths: 12, 18, and 24mm. The extra-tough series are used in wire/cable labeling applications and can withstand operating temperatures from -54 to 135°C [-65 to 275°F].

Extra-Tough Nylon Cloth Label Cartridge							
Part Number	Price	Description	Width mm [in]*	Material	Text Color	Background Color	Length
212NYLBWPX	\$,;5[d?:	Extra-tough label cartridge	12 [1/2]	Nylon cloth	Black	White	19ft [5.29 m] roll
218NYLBWPX	\$,;5[ex:		18 [3/4]		Black	White	
224NYLBWPX	\$,;5[ff:		24 [1]		Black	White	

*Inches shown as nominal



224NYLBWPX

Silver Matte Label Cartridge

Silver matte label cartridges offer a versatile specialty tape with a professional finish making them the perfect solution for barcode labels and scanner applications.

Silver Matte Label Cartridge							
Part Number	Price	Description	Width mm [in]*	Material	Text Color	Background Color	Length
209SMPX	\$,;5[df:	Matte label cartridge	9 [3/8]	Polyester	Black	Silver	30ft [9.1 m] roll
212SMPX	\$,;5[e1:		12 [1/2]		Black	Silver	
218SMPX	\$,;5[ey:		18 [3/4]		Black	Silver	
224SMPX	\$,;5[fg:		24 [1]		Black	Silver	
236SMPX	\$,;5[f,::		36 [1-1/2]		Black	Silver	

*Inches shown as nominal



236SMPX

Vinyl Self-Lamination Cable Wrap Label Cartridge

Self-lamination labels provide long-lasting legibility for labels required for cable and wire identification and other applications. These specialty labels, featuring highly legible text and a clear wrap-around protective covering, can withstand temperatures from 5 to 35°C [41 to 95°F], chemicals, and solvents. These vinyl self-laminating labels are highly resistant to smearing, wrinkling, and scratching, and they ensure cables and wires are identifiable for years.

Vinyl Self-Lamination Cable Wrap Label Cartridge							
Part Number	Price	Description	Width mm [in]*	Material	Text Color	Background Color	Length
224VSLPX	\$,;5[fh:	Self-lamination cable wrap label cartridge	24 [1]	Vinyl	Black	White	26.2 ft [7.98 m] roll
236VSLPX	\$,;5[g0:		36 [1-1/2]		Black	White	

*Inches shown as nominal



236VSLPX

EPSON® LabelWorks PX Series Labels

Magnetic Label Tape Cartridge

Magnetic labels are suited for applications that require temporary, reusable and movable labels. Magnetic labels can withstand extremes in temperature 15°C [39°F] and more, and humidity 30 to 80% RH. The magnetic labels are perfect for metal shelving, toolboxes, metal signs, heavy equipment and many other applications.

Magnetic Label Cartridge							
Part Number	Price	Description	Width mm [in]*	Material	Text Color	Background Color	Length
212MTBBPX-4.9	\$;5[d]:	Magnetic label tape cartridge	12 [1/2]	Polyester- laminated magnet	Black	Blue	4.9 ft [1.49 m] roll
212MTBGPX-4.9	\$;5[d]:				Black	Green	
212MTBRPX-4.9	\$;5[d_:				Black	Red	
212MTBWPX-4.9	\$;5[d#:				Black	White	
212MTBYPX-4.9	\$;5[d!:				Black	Yellow	
218MTBBPX-4.9	\$;5[eq:		18 [3/4]		Black	Blue	
218MTBGPX-4.9	\$;5[es:				Black	Green	
218MTBRPX-4.9	\$;5[et:				Black	Red	
218MTBWPX-4.9	\$;5[eu:				Black	White	
218MTBYPX-4.9	\$;5[ev:				Black	Yellow	
224MTBBPX-4.9	\$;5[fa:		24 [1]		Black	Blue	
224MTBGPX-4.9	\$;5[fb:				Black	Green	
224MTBRPX-4.9	\$;5[fc:				Black	Red	
224MTBWPX-4.9	\$;5[fd:				Black	White	
224MTBYPX-4.9	\$;5[fe:				Black	Yellow	
236MTBBPX-4.9	\$;5[fi:		36 [1-1/2]		Black	Blue	
236MTBGPX-4.9	\$;5[fi_:				Black	Green	
236MTBRPX-4.9	\$;5[ff#:				Black	Red	
236MTBWPX-4.9	\$;5[fi!:				Black	White	
236MTBYPX-4.9	\$;5[fi?:				Black	Yellow	

*Inches shown as nominal



212MTBBPX-4.9



218MTBGPX-4.9



224MTBYPX-4.9



236MTBRPX-4.9

EPSON® LabelWorks PX Series Labels

Heat-Shrink Tube Label Cartridge

Heat-shrink tube label cartridges provide insulation when shrunk down and ensure a secure fit on wires and cables with a 2:1 or 3:1 shrink ratio. They are constructed of flame-retardant polyolefin and are available in sizes from 3mm [1/8 in] to 21mm [7/8 in] nominal diameter, with black or white text on a white, yellow, red, black, or blue background.



Heat-Shrink Tube Label Cartridge																			
Part Number	Price	Text Color	Background Color	Nominal Diameter mm [in]	Internal Diameter as Supplied mm [in]	Range of Wire Diameter mm [in] *	Shrink Ratio	AWG *	Works With	Material	Length								
203YLBWPX	\$-6b7i:	Black	White	3 [1/8]	3.4 [0.133]	1.11-2.90 [0.044 - 0.114]	3:1	16-22	LW-PX300 LW-PX400 LW-PX700 LW-PX900	Polyolefin	98in [2.48 m] roll								
203YLBYPX	\$-6b7j:	Black	Yellow					22-14											
203B20BWPX	Retired	Black	White		3.8 [0.150]	1.40 - 3.30 [0.055 - 0.150]													
203B20BYPX	Retired	Black	Yellow																
205STBRPX	\$-;5[c]:	Black	Red	5 [3/16]	5.7 [0.224]	3.30 - 5.20 [0.130 - 0.205]	2:1	12-8											
205STBWPX	\$-;5[c]:	Black	White																
205STBYPX	\$;5[c_:	Black	Yellow																
205STWBPX	\$;5[c#:	White	Black																
205YLBBPX	\$-;5[c]:	Black	Blue	6 [1/4]	5.4 [0.213]	1.90 - 5.20 [0.075 - 0.205]	3:1	18-10			90in [2.28 m] roll								
208B20BWPX	\$;5[d5:	Black	White					18-6											
208B20BYPX	\$;5[d6:	Black	Yellow																
210STBWPX-90	\$-65ig:	Black	White	10 [3/8]	9.5 [0.374]	3.50 - 8.00 [0.138 - 0.315]	2:1	12-4			LW-PX400 LW-PX700 LW-PX900	98in [2.48 m] roll							
211STBRPX	\$;-5[di:	Black	Red	11 [1/2]				8-2											
211STBWPX	\$;-5[dj:	Black	White																
211STBYPX	\$;5[dk:	Black	Yellow																
211STWBPX	\$;-5[dl:	White	Black																
214STBWPX	\$;5[e9:	Black	White	14 [9/16]	13 [0.512]	7.70 - 12.50 [0.303 - 0.492]		5-0											
221STBWPX	\$-;5[e,::	Black	White	21 [7/8]	20 [0.787]	11.70 - 19.50 [0.461 - 0.768]		1-0000	LW-PX900										
221STBYPX	\$-;5[f0:	Black	Yellow																

* Due to manufacturing variances in insulation thickness, these attributes listed are approximate.



[203YLBWPX](#)



[205STBRPX](#)



[208B20BYPX](#)



[211STWBPX](#)

EPSON® LabelWorks PX Series Labels

Metallic Label Cartridge

Metallic labels are great for barcode labels, asset identification, and applications that require nameplate-like quality. They are available in silver with black text, an 18mm [3/4 in] width, and are made of polyethylene terephthalate. This tape offers a perfect touch for labeling projects.

Metallic Label Cartridge								
Part Number	Price	Description	Width mm [in]	Material	Text Color	Background Color	Length	Works With
<u>218BMETSPX</u>	\$6b7a:	Metallic label tape cartridge	18 [3/4]	Polyethylene terephthalate	Black	Silver	30ft [9.14 m] roll	<u>LW-PX300</u> <u>LW-PX400</u> <u>LW-PX700</u> <u>LW-PX900</u>

**218BMETSPX**

Printable Ribbon Label Cartridge

Printable ribbon is available in four color combinations in 12mm [1/2 in] cartridges. Create personalized, custom ribbons for cable flags, tool identification, and much more using a wide variety of fonts, industry-standard images and designs. Printable ribbon is compatible in ALL Epson LabelWorks printers and is recommended for use with the Epson Label Editor Software and Label Editor Mobile App for best results.

Printable Ribbon Label Cartridge								
Part Number	Price	Description	Width mm [in]	Material	Text Color	Background Color	Length	Works With
<u>212RBGPX</u>	\$6b7b:	Printable ribbon label cartridge	12 [1/2]	Polyester	Black	Gold	16ft [4.87 m] roll	<u>LW-PX300</u> <u>LW-PX400</u> <u>LW-PX700</u> <u>LW-PX900</u>
<u>212RGRPX</u>	\$6b7c:				Gold	Red		
<u>212RBBPX</u>	\$6b7d:				Black	Blue		
<u>212RBPPX</u>	\$6b7e:				Black	Pink		

**212RGRPX**

Craft Paper Tape Label Cartridge

Think packaging and labeling with textured and uncoated kraft paper material. Great for tough packaging labels and small business labeling. Available in 12mm [1/2 in], 18mm [3/4 in], and 24mm [1 in] widths.

Craft Paper Tape Label Cartridge								
Part Number	Price	Description	Width mm [in]	Material	Text Color	Background Color	Length	Works With
<u>212CPBBEPX</u>	\$6b7f:	Craft paper tape label cartridge	12 [1/2]	Kraft paper	Black	Brown	16.5 ft [5.02 m] roll	<u>LW-PX300</u> <u>LW-PX400</u> <u>LW-PX700</u> <u>LW-PX900</u>
<u>218CPBBEPX</u>	\$6b7g:		18 [3/4]		Black	Brown		
<u>224CPBBEPX</u>	\$6b7h:		24 [1]		Black	Brown		

**212CPBBEPX**

EPSON® LabelWorks PX Series Labels

EPSON Label Standards Guide

The graphic below provides examples of label configurations and how they meet ANSI and ISO standards.

STANDARDS ↓ COLORS				
	ANSI Z535 Visual Workplace	ISO 3864 Visual Workplace	ISO 7010 Graphical Symbols	ANSI A13.1 Pipemarking
Black on White	General ID	Supplementary Information	—	—
White on Red	Danger	Danger, Prohibition, Fire Safety	Prohibition, Fire Safety	Fire Quenching
Black on Orange	Warning	Warning	—	Toxic and Corrosive Fluid
Black on Yellow	Caution	Caution, Triangular Warning Symbols	Warning	Flammable Fluids
White on Green	Instruction	Safe Conditions	Safe Conditions	Potable Water
White on Blue	Notice	Mandatory Action	Mandatory Action	Compressed Air
White on Black	General ID	—	—	—