

SECTION

B



Straight Blade Plugs & Connectors

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Plug and connector families

Straight blade plugs & connectors for any application

Arrow Hart's extensive offering of straight blade plugs and connectors cover the full range of hospital, industrial and commercial specification grades for applications where quality and durability are critical



Hospital specification grade plugs & connectors

Built to meet and exceed UL Federal specification and hospital grade testing, Arrow Hart's hospital grade plugs and connectors assure reliable performance in the most demanding healthcare applications.



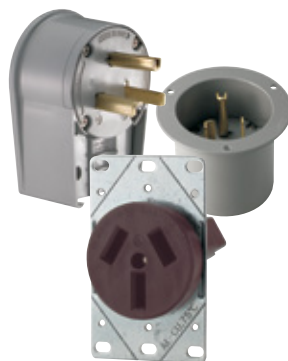
Industrial specification grade plugs, connectors, flanged inlets & outlets

With a variety of styles including safety grip, auto grip and quick grip, these devices are designed to install quickly and easily and provide reliable performance in tough industrial environments.



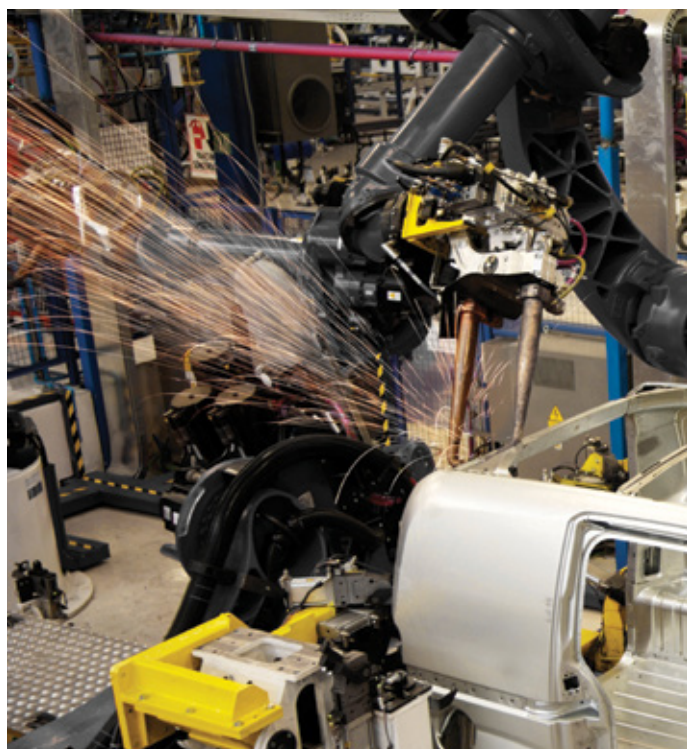
Commercial specification grade straight blade plugs & connectors

Designed for commercial applications, where ease-of-use, value and quality are critical.



Specification grade straight blade power devices

Heavy duty design and construction make Arrow Hart power devices ideal for any high amperage industrial or commercial power connectivity application.



Safety grip hospital grade plugs & connectors features & benefits



Safety grip hospital grade devices exceed federal spec. and hospital grade testing for use in demanding healthcare environments



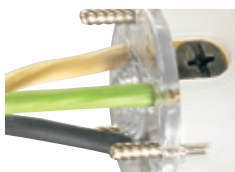
Clear terminal cover allows for easy inspection of conductors and terminations



Retained quick drive assembly screws speed installation



Four position angled plug option is ideal for applications requiring power cord to lay close to walls and floors

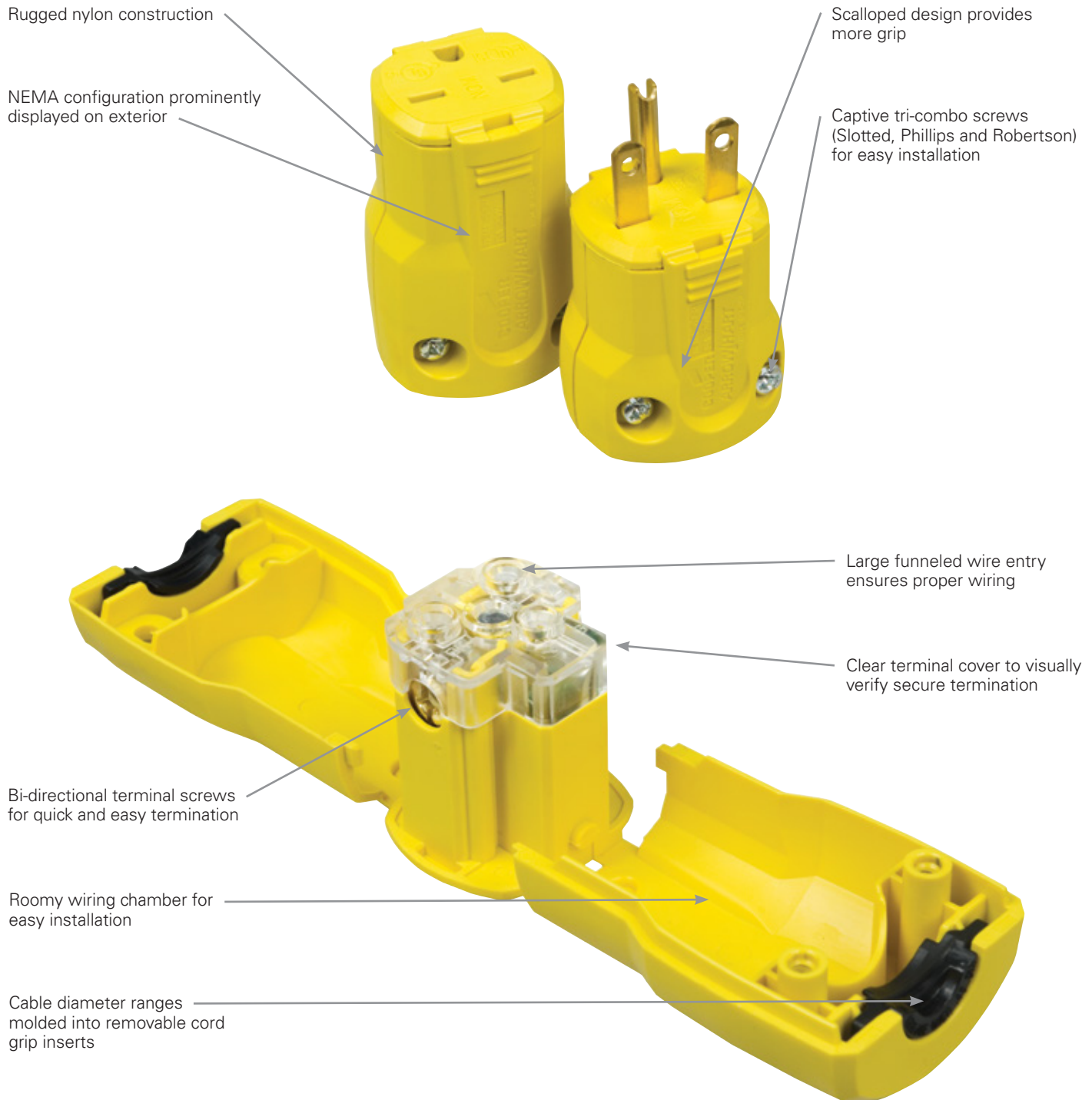


Tapered, individual wire pockets guide stranded wire into contact area for ease of installation



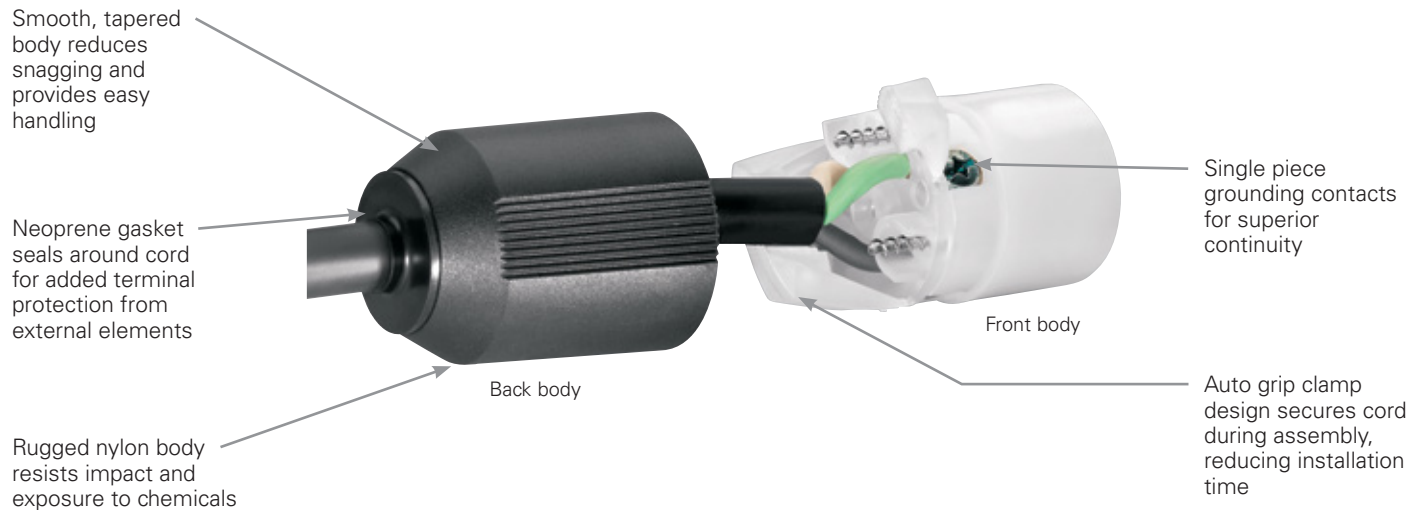
Multiple-head drive screws provide versatility for ease of use

Quick grip hospital and industrial grade plugs & connectors features & benefits



Compliances, specifications and availability are subject to change without notice.

Auto grip hospital and industrial grade plugs & connectors features & benefits



Auto grip hospital grade devices exceed federal spec. and hospital grade testing for use in demanding healthcare environments



Unique clamp design secures cord during assembly, reducing installation time



Retained quick drive assembly screws speed installation



Multiple-head drive screws provide versatility for ease of use

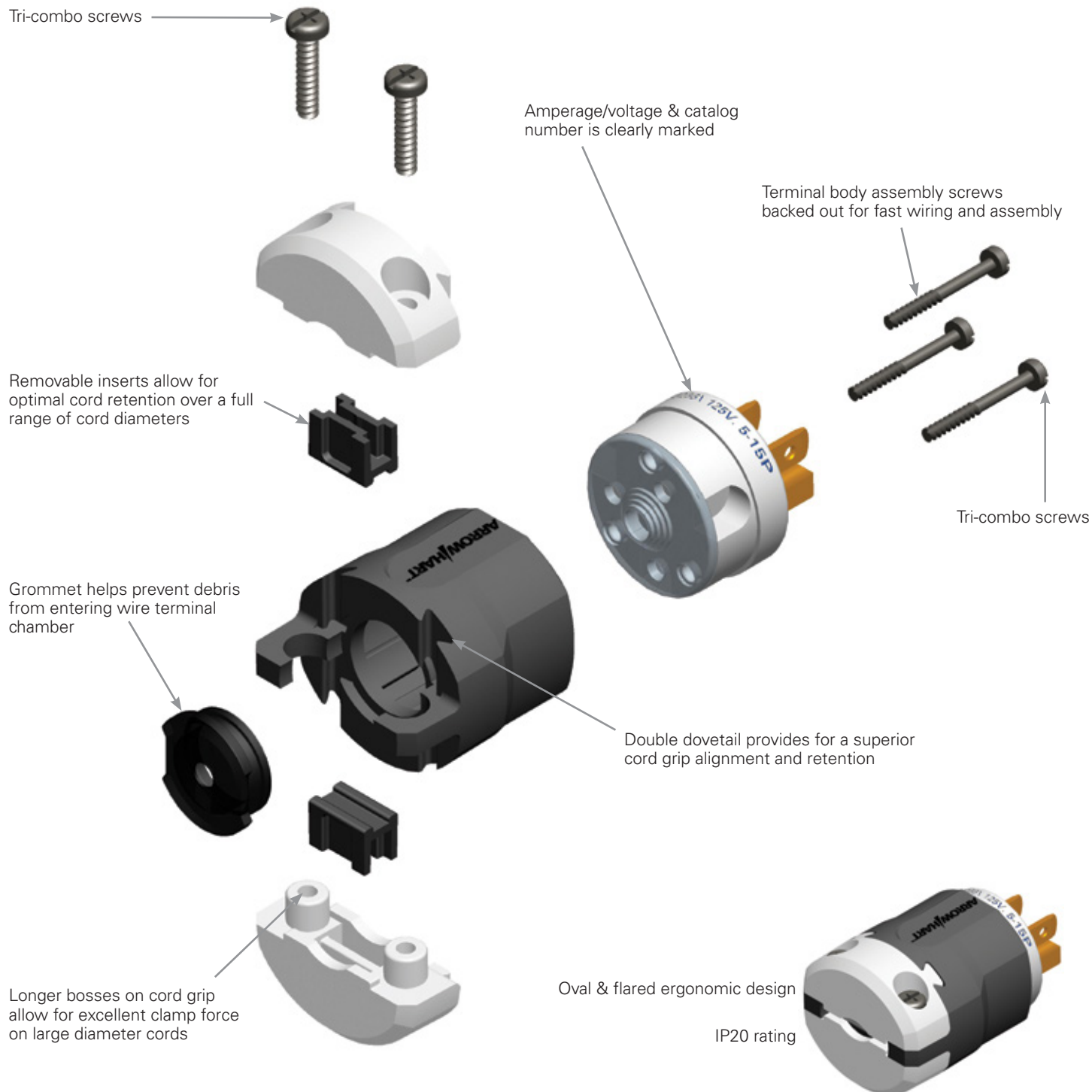


Tapered, individual wire pockets guide stranded wire into contact area for ease of installation

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Arrow Hart industrial grade ultra grip straight blade plugs & connectors redesign



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Industrial grade plugs & connectors

Industrial grade plugs & connectors quick reference guide

AMP	V/AC	NEMA	Grip	Special	Body	Color	Page	Plug	Connector
15	125	 5-15P 5-15R	ULTRA		STR	BK & W	B-10	AH5266	AH5269
					STR	BK	B-10	AH5266BK	AH5269BK
				HG	STR	BK & W	B-8	AH8215HG	AH8219HG
			SAFETY		ANG	BK & W	B-10	AH5266A	—
				HG	ANG	BK & W	B-8	AH8215HGA	—
				HG	ANG	C	B-8	AH8215HGAC	—
				HG	STR	C	B-8	AH8215HGC	AH8219HGC
			QUICK		STR	BK	B-10	AH5965BK	AH5969BK
					STR	Y	B-10	AH5965Y	AH5969Y
				HG	STR	W	B-8	AH8115W	AH8119W
			AUTO		STR	BK & W	B-10	5266N	5269N
				HG	STR	BK & W	B-8	5266NHG	5269NHG
				HG	STR	RN	B-8	IG5266NHG	—
20	125	 5-20P 5-20R	ULTRA		STR	BK & W	B-11	AH5366	AH5369
				HG	STR	BK & W	B-8	AH8315HG	AH8319HG
			SAFETY	HG	ANG	BK & W	B-8	AH8315HGA	—
				HG	ANG	C	B-8	AH8315HGAC	—
			QUICK		STR	BK	B-11	AH5364BK	AH5369BK
					STR	Y	B-11	AH5364Y	AH5369Y
15	250	 6-15P 6-15R	ULTRA		STR	BK & W	B-11	AH5666	AH5669
				HG	ANG	BK & W	B-9	AH8225HGA	—
			SAFETY	HG	ANG	C	B-9	AH8225HGAC	—
					STR	BK	B-11	AH5666BK	AH5669BK
			QUICK		STR	Y	B-11	AH5666Y	AH5669Y
					STR	BK & W	B-11	5666N	5669N
20	250	 6-20P 6-20R	ULTRA		STR	BK & W	B-12	AH5466	AH5469
				HG	ANG	BK & W	B-9	AH8325HGA	—
			SAFETY	HG	ANG	C	B-9	AH8325HGAC	—
					STR	BK	B-12	AH5464BK	AH5469BK
			QUICK		STR	Y	B-12	AH5464Y	AH5469Y
					STR	BK & W	B-12	5466N	5469N

 Hospital Grade

AMP	V/AC	NEMA	Color	Page	Flanged Inlet	Flanged Outlet
15	125	15-May	BK & W	B-10	AH5278C	AH5279C
			STEEL	B-10	AH5278	AH5246
20	125	20-May	BK & W	B-11	AH5778C	AH5779C
15	250	15-Jun	BK & W	B-11	AH5678C	AH5679C
20	250	20-Jun	BK & W	B-12	5878C	5879C

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Hospital grade straight blade plugs & connectors

Product description

2-pole, 3-wire grounding
15A, 125V/AC
NEMA 5-15



5-15P

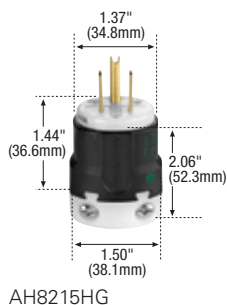


5-15R

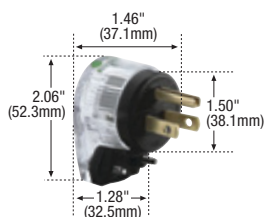
Hospital grade plugs & connectors



Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
15	125	5-15	Ultra grip straight body	0.33-0.66" (8.3-16.7mm)	BK & W	□ AH8215HG	□ AH8219HG	•	•
			Safety grip straight body	0.33-0.66" (8.3-16.7mm)	C	□ AH8215HGC	□ AH8219HGC	•	•
			Safety grip angled body	0.33-0.66" (8.3-16.7mm)	BK & W	□ AH8215HGA	—	•	•
			Safety grip angled body	0.33-0.66" (8.3-16.7mm)	C	□ AH8215HGAC	—	•	•
			Quick grip straight body	0.22-0.66" (5.6-16.7mm)	W	□ AH8115W	□ AH8119W	•	
			Auto grip straight body	0.33-0.66" (8.3-16.7mm)	BK & W	□ 5266NHG	□ 5269NHG	•	•
			Auto grip isolated ground, straight body	0.33-0.66" (8.3-16.7mm)	RN	□ IG5266NHG	—	•	•



AH8215HG



AH8215HGAC



AH8119W



5369NHG

Hospital grade straight blade plugs & connectors

Product description

2-pole, 3-wire grounding
20A, 125V/AC
NEMA 5-20



5-20P



5-20R

Hospital grade plugs & connectors



Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
20	125	5-20	Ultra grip straight body	0.33-0.66" (8.3-16.7mm)	BK & W	□ AH8315HG [†]	□ AH8319HG [†]	•	•
			Safety grip angled body	0.33-0.66" (8.3-16.7mm)	BK & W	□ AH8315HGA [†]	—	•	•
			Safety grip angled body	0.33-0.66" (8.3-16.7mm)	C	□ AH8315HGAC [†]	—	•	•
			Auto grip straight body	0.33-0.66" (8.3-16.7mm)	BK & W	□ 5366NHG	□ 5369NHG	•	•

[†] Not NOM Spec

Hospital grade dimensional
Information: B-16

Specification information:

Safety grip HG plugs &
connectors: B-23
Auto grip HG plugs &
Connectors: B-23
Quick grip HG plugs &
Connectors: B-23

Color information:

BK (Black), C (Clear), RN (Orange), W (White)

BK	C	RN	W
(Black)	(Clear)	(Orange)	(White)

Compliances, specifications and availability are subject to change without notice.

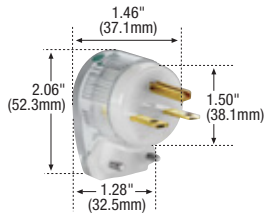
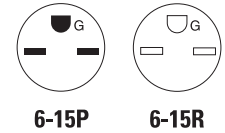
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Hospital grade straight blade plugs & connectors

Product description

2-pole, 3-wire grounding
15A, 250V/AC
NEMA 6-15



AH8225HGAC

Hospital grade plugs & connectors

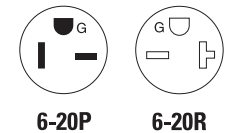


Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.	
15	250	6-15	Safety grip angled body	0.33-0.66" (8.3-16.7mm)	BK & W	☐ AH8225HGAC	—	•
			Safety grip angled body	0.33-0.66" (8.3-16.7mm)	C	☐ AH8225HGAC	—	•

Hospital grade straight blade plugs & connectors

Product description

2-pole, 3-wire grounding
20A, 250V/AC
NEMA 6-20



AH8325HGA

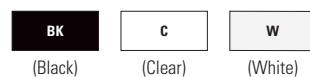
Hospital grade plugs & connectors



Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.	
20	250	6-20	Safety grip angled body	0.33-0.66" (8.3-16.7mm)	BK & W	☐ AH8325HGA	—	•
			Safety grip angled body	0.33-0.66" (8.3-16.7mm)	C	☐ AH8325HGAC	—	•

Color information:

BK (Black), C (Clear), W (White)



**Hospital grade dimensional
Information:** B-16

Specification information:
Safety grip HG plugs &
connectors: B-23

Compliances, specifications and availability are subject to change without notice.



Industrial grade straight blade devices

Product description

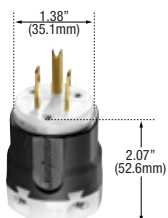
2-pole, 3-wire grounding
15A, 125V/AC
NEMA 5-15



5-15P



5-15R



AH5266



AH5969BK



AH5278C



AH5278

Industrial grade plugs & connectors



Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
15	125	5-15	Ultra grip straight body	0.33-0.66" (8.3-16.7mm)	BK & W	□ AH5266	□ AH5269	•	•
			Ultra grip straight body	0.33-0.66" (8.3-16.7mm)	BK	□ AH5266BK	□ AH5269BK	•	•
			Safety grip angled body	0.33-0.66" (8.3-16.7mm)	BK & W	□ AH5266A	—	•	•
			Quick grip straight body	0.22-0.66" (5.6-16.7mm)	BK	□ AH5965BK	□ AH5969BK	•	
			Quick grip straight body	0.22-0.66" (5.6-16.7mm)	Y	□ AH5965Y	□ AH5969Y	•	
			Auto grip straight body	0.33-0.66" (8.3-16.7mm)	BK & W	□ 5266N	□ 5269N	•	•

Industrial grade flanged inlets & outlets



Rating A	V/AC	NEMA	Description	Color	Inlet catalog no.	Outlet catalog no.	
15	125	5-15	Nylon construction, back wire	BK & W	□ AH5278C [†]	□ AH5279C [*]	•
			Metal shell, back wire	Steel	□ AH5278 ^Δ	□ AH5246	•

* UL and CSA Listed, [†] Fed Spec certified, ^ΔOnly NOM spec

Industrial grade dimensional
Information: B-16, B-17

Specification information:

Safety grip industrial plugs & connectors: B-24
Quick grip plugs & connectors: B-24
Auto grip industrial plugs & connectors: B-24
Industrial flanged inlets & Flanged outlets: B-25

Color information:

BK (Black), W (White), Y (Yellow)



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Industrial grade straight blade devices

Product description

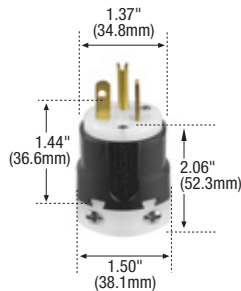
2-pole, 3-wire grounding
20A, 125V/AC
NEMA 5-20



5-20P



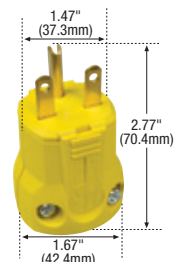
5-20R



AH5366



AH5778C



AH5666Y



AH5679C

Industrial grade plugs & connectors



Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.	
20	125	5-20	Ultra grip straight body	0.33-0.66" (8.3-16.7mm)	BK & W	□ AH5366	□ AH5369	•
			Quick grip straight body	0.22-0.66" (5.6-16.7mm)	BK	□ AH5364BK	□ AH5369BK	•
			Quick grip straight body	0.22-0.66" (5.6-16.7mm)	Y	□ AH5364Y	□ AH5369Y	•

Industrial grade flanged inlets & outlets



Rating A	V/AC	NEMA	Description	Color	Inlet catalog no.	Outlet catalog no.	
20	125	5-20	Nylon construction, back wire	BK & W	□ AH5778C	□ AH5779C*	• •

* UL Listed only

Industrial grade straight blade devices

Product description

2-pole, 3-wire grounding
15A, 250V/AC
NEMA 6-15



6-15P



6-15R

Industrial grade plugs & connectors



Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.	
15	250	6-15	Ultra grip straight body	0.33-0.66" (8.3-16.7mm)	BK & W	□ AH5666 [†]	□ AH5669 [†]	• •
			Quick grip straight body	0.22-0.66" (5.6-16.7mm)	BK, Y	□ AH5666__ [†]	□ AH5669__ [†]	•
			Auto grip straight body	0.33-0.66" (8.3-16.7mm)	BK & W	□ 5666N	□ 5669N	• •

[†] Not NOM Spec

Industrial grade flanged inlets & outlets



Rating A	V/AC	NEMA	Description	Color	Inlet catalog no.	Outlet catalog no.	
15	250	6-15	Nylon construction, back wire	BK & W	□ AH5678C	□ AH5679C*	• •

* UL Listed only

Industrial grade dimensional Information: B-16-B17

Specification Information:

Safety grip industrial plugs & connectors: B-24
Quick grip plugs & connectors: B-24
Auto grip industrial plugs & connectors: B-24
Industrial flanged inlets & flanged outlets: B-25

Color information:

BK (Black), W (White), Y (Yellow)



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Industrial grade straight blade devices

Product description

2-pole, 3-wire grounding
20A, 250V/AC
NEMA 6-20



6-20P



6-20R

Industrial grade plugs & connectors



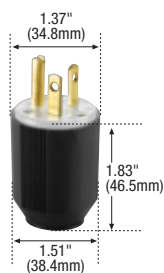
Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
20	250	6-20	Ultra grip straight body	0.33-0.66" (8.3-16.7mm)	BK & W	□ AH5466	□ AH5469	•	•
			Quick grip straight body	0.22-0.66" (5.6-16.7mm)	BK, Y	□ AH5464	□ AH5469	•	
			Auto grip straight body	0.33-0.66" (8.3-16.7mm)	BK & W	□ 5466N	□ 5469N	•	•

Industrial grade flanged inlets & outlets



Rating A	V/AC	NEMA	Description	Color	Inlet catalog no.	Outlet catalog no.		
20	250	6-20	Nylon construction, back wire	BK & W	□ 5878C	□ 5879C*	•	•

* UL Listed only



5466N



5879C



AH5469BK

Industrial grade dimensional
Information: B-16, B-17

Specification information:

Safety grip industrial plugs & connectors: B-24
Quick grip plugs & connectors: B-24
Auto grip industrial plugs & connectors: B-24
Industrial flanged inlets & flanged outlets: B-25

Color information:

BK (Black), W (White), Y (Yellow)

BK	W	Y
(Black)	(White)	(Yellow)

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Industrial grade straight blade plugs & connectors

Product description

2-pole, 3-wire grounding
20A, 277V/AC
NEMA 7-20



7-20P



7-20R

Industrial grade plugs & connectors



Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.		
20	277	7-20	Safety grip straight body	0.38"-1.00" (9.6-25.4mm)	BK & W	□ 7624N	•	•



9151N

Industrial grade straight blade plugs & connectors

Product description

3-pole, 3-wire non-grounding
20A, 125/250V/AC
NEMA 10-20



10-20P

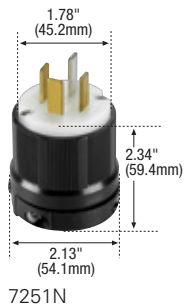


10-20R

Industrial grade plugs & connectors



Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.		
20	125/ 250	10-20	Safety grip straight body	0.38"-1.00" (9.6-25.4mm)	BK & W	□ 9151N	•	•



7251N

Industrial grade straight blade plugs & connectors

Product description

4-pole, 4-wire non-grounding
20A, 3ØY 120/208V/AC
NEMA 18-20



18-20P



18-20R

3ØY industrial grade plugs & connectors



Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.		
20	120/ 208	18-20	3ØY safety grip straight body	0.38"-1.00" (9.6-25.4mm)	BK & W	□ 7251N	•	•

Color information:

BK (Black), W (White)



**Industrial grade dimensional
Information:** B-16, B-17

Specification information:
Safety grip industrial plugs &
connectors: B-24

Compliances, specifications and availability are subject to change without notice.

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Commercial grade straight blade plugs & connectors

Product description

2-pole, 2-wire non-grounding
15A, 125V/AC
NEMA 1-15



1-15P



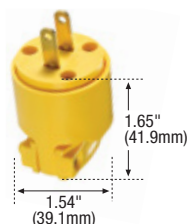
1-15R

Commercial grade plugs & connectors

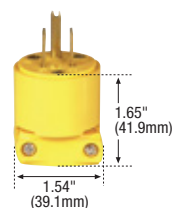


Rating A	V/AC	Vinyl NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
15	125	1-15	Vinyl straight body	0.25-0.66" (6.3-16.6mm)	Y	□ 4862	□ 4882 [†]	•	•

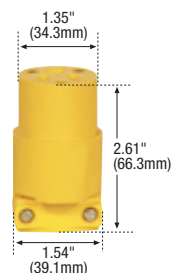
[†] Not NOM cert



4862



4867



4887

Commercial grade straight blade plugs & connectors

Product description

2-pole, 3-wire grounding
15A, 125V/AC
NEMA 5-15



5-15P



5-15R

Commercial grade plugs & connectors



Rating A	V/AC	Vinyl NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
15	125	5-15	Vinyl angled body	0.25-0.66" (6.3-16.6mm)	Y	□ 4867AN	—	•	•
			Vinyl straight body	0.25-0.66" (6.3-16.6mm)	Y	□ 4867	□ 4887	•	•
			Vinyl angled body	0.25-0.66" (6.3-16.6mm)	W	□ 4867ANW	—	•	•

Color information:

W (White), Y (Yellow)



Commercial grade dimensional
Information: B-17

Specification information:
Commercial grade plugs &
connectors: B-26

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RoHS compliant - Page Q-32

Commercial grade straight blade plugs & connectors

Product description

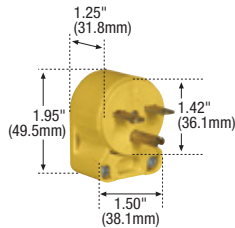
2-pole, 3-wire grounding
20A, 125V/AC
NEMA 5-20



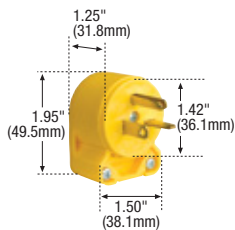
5-20P



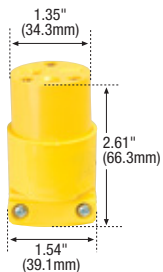
5-20R



4866AN



4509AN



4229

Commercial grade plugs & connectors



Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
20	125	5-20	Vinyl straight body	0.25-0.66" (6.3-16.6mm)	Y	□ 4409*	□ 4228*	•	•
			Vinyl angled body	0.25-0.66" (6.3-16.6mm)	Y	□ 4409AN	—	•	•

* UL and CSA Listed Only

Commercial grade straight blade plugs & connectors

Product description

2-pole, 2-wire grounding
15A, 250V/AC
NEMA 6-15



6-15P



6-15R

Commercial grade plugs & connectors



Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
15	250	6-15	Vinyl straight body	0.25-0.66" (6.3-16.6mm)	Y	—	□ 4227*	•	•
			Vinyl angled body	0.25-0.66" (6.3-16.6mm)	Y	□ 4866AN	—	•	•

* UL and CSA Listed Only

Commercial grade straight blade plugs & connectors

Product description

2-pole, 2-wire grounding
20A, 250V/AC
NEMA 6-20



6-20P



6-20R

Commercial grade plugs & connectors



Rating A	V/AC	Vinyl NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
20	250	6-20	Vinyl straight body	0.25-0.66" (6.3-16.6mm)	Y	□ 4509*	□ 4229 [†]	•	•
			Vinyl angled body	0.25-0.66" (6.3-16.6mm)	Y	□ 4509AN	—	•	•

[†] Not NOM cert, * UL Listed Only

Color information:

Y (Yellow)



(Yellow)

**Commercial grade dimensional
Information:** B-17

Specification information:
Commercial grade plugs &
connectors: B-26

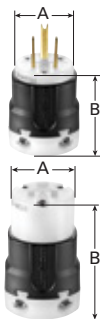
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

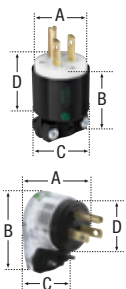
Straight blade plugs & connectors dimensional data

Ultra grip plugs & connectors



Family	A	B	C	D	Cord diameter
Ultra grip plug	1.38" (35.1mm)	2.07" (52.6mm)	1.69" (42.9mm)	1.55" (39.4mm)	0.25 - 0.66" (6.4-16.8mm)
Ultra grip connector	1.38" (35.1mm)	2.89" (73.4mm)	1.69" (42.9mm)	1.55" (39.4mm)	0.25 - 0.66" (6.4-16.8mm)

Safety grip plugs



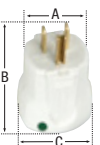
Family	A	B	C	D	Cord diameter
Hospital grade	1.40" (35.6mm)	2.11" (53.6mm)	1.53" (38.9mm)	1.45" (36.8mm)	0.30-0.65" (7.6-16.6mm)
Hospital grade angled	1.39" (35.3mm)	1.29" (32.8mm)	1.52" (38.6mm)	2.09" (53.1mm)	0.30-0.65" (7.6-16.6mm)
Industrial grade angled	1.28" (32.5mm)	1.46" (37.1mm)	1.50" (38.1mm)	2.06" (52.3mm)	0.33-0.66" (8.3-16.7mm)
Industrial grade NEMA 7-20, 10-20 & 18-20	1.78" (45.2mm)	2.34" (59.4mm)	2.13" (54.1mm)	—	0.38"-1.00" (9.6-25.4mm)

Safety grip connectors



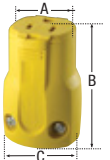
Family	A	B	C	D	Cord diameter
Hospital grade	1.37" (34.8mm)	2.77" (70.4mm)	1.50" (38.1mm)	0.87" (22.1mm)	0.33-0.66" (8.3-16.7mm)
Industrial grade	1.37" (34.8mm)	2.77" (70.4mm)	1.50" (38.1mm)	0.87" (22.1mm)	0.33-0.66" (8.3-16.7mm)

Quick grip plugs



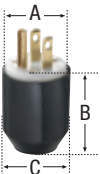
Family	A	B	C	Cord diameter
Hospital grade	1.47" (37.3mm)	2.77" (70.4mm)	1.67" (42.4mm)	0.22-0.66" (5.6-16.7mm)
Industrial grade	1.47" (37.3mm)	2.77" (70.4mm)	1.67" (42.4mm)	0.22-0.66" (5.6-16.7mm)

Quick grip connectors



Family	A	B	C	Cord diameter
Industrial grade	1.46" (37.1mm)	2.59" (65.8mm)	1.67" (42.4mm)	0.22-0.66" (5.6-16.7mm)

Auto grip plugs



Family	A	B	C	Cord diameter
Hospital grade	1.38" (34.9mm)	1.83" (46.5mm)	1.52" (38.6mm)	0.33-0.66" (8.3-16.7mm)
Industrial grade	1.37" (34.8mm)	1.83" (46.5mm)	1.51" (38.4mm)	0.33-0.66" (8.3-16.7mm)

Auto grip connectors

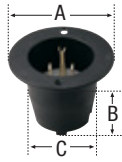


Family	A	B	C	Cord diameter
Hospital grade	1.38" (34.9mm)	1.83" (46.5mm)	1.52" (38.6mm)	0.33-0.66" (8.3-16.7mm)
Industrial grade	1.37" (34.8mm)	1.83" (46.5mm)	1.51" (38.4mm)	0.33-0.66" (8.3-16.7mm)

Compliances, specifications and availability are subject to change without notice.

Straight blade flanged inlets & outlets dimensional data

Nylon shell flanged inlets



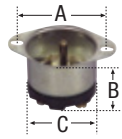
Family	A	B	C
Industrial grade	2.56" (65.0mm)	1.84" (46.7mm)	1.71" (43.4mm)

Nylon shell flanged outlets



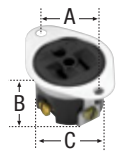
Family	A	B	C
Industrial grade	2.56" (65.0mm)	1.84" (46.7mm)	1.71" (43.4mm)

Metal shell flanged inlets



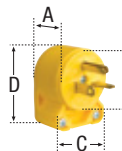
Family	A	B	C
Industrial grade	2.00" (50.8mm)	1.43" (36.3mm)	1.62" (41.1mm)

Metal shell flanged outlets

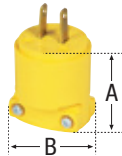


Family	A	B	C
Industrial grade	2.06" (52.3mm)	1.50" (38.1mm)	1.09" (27.7mm)

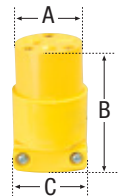
Commercial plugs



Family	A	B	C	D	Cord diameter
Commercial grade	1.65" (41.9mm)	1.54" (39.1mm)	—	—	0.25-0.66" (6.4-16.6mm)
Commercial grade angled	1.25" (31.8mm)	1.42" (36.1mm)	1.50" (38.1mm)	1.95" (49.5mm)	0.25-0.66" (6.4-16.6mm)



Commercial connectors

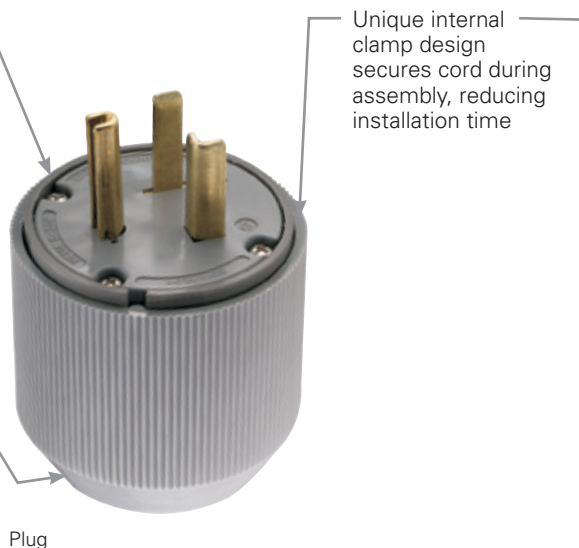


Family	A	B	C	Cord diameter
Commercial grade	1.35" (34.3mm)	2.61" (66.3mm)	1.54" (39.1mm)	0.25-0.66" (6.4-16.6mm)

Industrial straight blade power devices features & benefits

Rugged high-strength thermoplastic construction

Neoprene gasket seals around cord for added terminal protection from external elements



Unique internal clamp design secures cord during assembly, reducing installation time

Tapered cord grip cover reduces cord snags



Angled plug versions have 4 possible positions for maximum convenience



Broad selection of flanged inlets accept #12 AWG to #4 AWG conductors



Quick-drive stainless steel assembly screws provide corrosion resistance and speed installation time

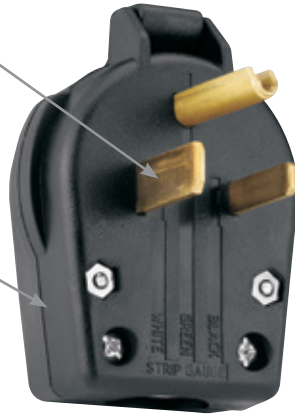


Variety of 30A, 50A and 60A configurations available

Commercial straight blade power devices features & benefits

Universal plugs include blades for both 30A and 50A configurations of the same voltage

Terminals have pressure plates to protect wires



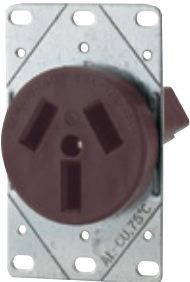
Plug

Patented lay-in terminals accept up to #4 AWG wire

Back features concentric knockouts and an adjustable cord clamp to allow wiring from back or bottom



Surface receptacle



Flush receptacles feature heavy gauge galvanized steel mounting strap and glass-reinforced nylon body



Broad selection of wallplates available for flush receptacle mounting



Surface receptacles can be wired for back or bottom wiring



Variety of 30A, 50A and 60A configurations available

Compliances, specifications and availability are subject to change without notice.

www.eaton.com
www.eaton.com/arrowhart

Straight blade power devices 20, 30, 50 & 60A



Rating: Amps V/AC	Receptacle/ plug NEMA configuration	Flush receptacle	Wallplate	Surface receptacle	Panel mount receptacle	Plugs	Angle plugs	Connectors	Flanged inlets	Adapters
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2-pole, 3-wire grounding

30A 125V	 5-30R 5-30P	Commercial: 1233 (Brown) Industrial: 5716N (Black)	Standard size: 39CH, 68, 2068, 2168, 93221, 93227 Mid-size: 5068, PJ703, PJ724			Industrial: 5717N (Gray)	Commercial: S41 (Black) Industrial: 5717AN (Gray)	Industrial: 6716N (Gray & Black)	Industrial: 5717NFI (Gray)	
30A 125V	 TT-30R TT-30P	Commercial: 1263 (Black)			Commercial: U1263 (Black)		Commercial: 83 (Black)			Commercial: 1264 (Receptacle to NEMA 5-15/5-20 Plug) (Black)
30A 250V	 6-30R 6-30P	Commercial: 1234 (Black) Industrial: 5700N (Black)		Commercial: 1232 (Black)		Industrial: 5701N (Gray)	Commercial: S42 (Black) Industrial: 5701AN (Gray)	Industrial: 6700N (Gray & Black)	Industrial: 5701NFI (Gray)	
30A 277V	 7-30R 7-30P	Industrial: 5795N (Black)				Industrial: 5703N (Gray)	Industrial: 5703AN (Gray)	Industrial: 6795N (Gray & Black)	Industrial: 5703NFI (Gray)	
50A 125V	 5-50R 5-50P	Commercial: 1253 (Black)		Commercial: 1251 (Black)		Industrial: 5712N (Gray)	Commercial: S41 (Black) Industrial: 5712AN (Gray)	Industrial: 6711N (Gray & Black)	Industrial: 5712NFI (Gray)	
50A 250V	 6-50R 6-50P	Commercial: 1254 (Black) Industrial: 5709N (Black)		Commercial: 1252 (Black)		Industrial: 5710N (Gray)	Commercial: S42 (Black) Industrial: 5710AN (Gray)	Industrial: 6709N (Gray & Black)	Industrial: 5710NFI (Gray)	
50A 277V	 7-50R 7-50P					Industrial: 5705N (Gray)	Industrial: 5705AN (Gray)	Industrial: 6796N (Gray & Black)	Industrial: 5705NFI (Gray)	

3-pole, 3-wire non-grounding

20A 125/250V	 10-20R 10-20P	Commercial: 805 (Ivory)				Industrial: 9151N (Gray) Commercial: 2836 (Armed PVC) (Yellow)				
30A 125/250V Dryer	 10-30R 10-30P	Commercial: 38B (Brown)	Standard size: 39CH, 68, 2068, 2168, 93221, 93227	Commercial: 125 (Black)		Industrial: 9337N (Gray)	Commercial: S80 (Black) Industrial: 9352AN (Gray)	Industrial: 9341N (Gray & Black)	Industrial: 9337NFI (Gray)	
50A 125/250V Range	 10-50R 10-50P	Commercial: 32B (Brown) Industrial: 7985N (Black)	Mid-size: 5068, PJ703, PJ724 Standard size: 192	Commercial: (Black)		Industrial: 4524N (Gray)	Commercial: S80 (Black) Industrial: 7952AN (Gray)	Industrial: 4526N (Gray & Black)	Industrial: 4524NFI (Gray)	

Power device dimensional information: B-22; Specification information: B-27-B-29
Compliances, specifications and availability are subject to change without notice.

✓ All products on this page are RoHS compliant - Page Q-32

Straight blade power devices 20, 30, 50 & 60A

B
SECTION



Rating: Amps V/AC	Receptacle/ plug NEMA configuration	Flush receptacles	Wallplate	Surface receptacle	Panel mount receptacle	Plugs	Angle plugs
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3-pole, 4-wire grounding

20A 125/250V	 14-20R 14-20P	Industrial: 5759 (Black)					
30A 125/250V Dryer	 14-30R 14-30P	Commercial: 1257 (Black) Industrial: 5744N (Black)	Standard size: 39CH, 68, 2068, 2168, 93221, 93227 Mid-size: 5068, PJ703, PJ724 Standard size: 69, 5169, 93223	Commercial: 1225 (Black)		Industrial: 5746N (Gray)	Commercial: S21 (Black) Industrial: 5732AN (Gray)
30A 3Ø 250V	 15-30R 15-30P	Industrial: 8430N (Black)	Standard size: 69, 5169, 93223			Industrial: 8432N (Gray)	Industrial: 8432AN (Gray)
50A 125/250V Range	 14-50R 14-50P	Commercial: 1258 (Black) Industrial: 5754N (Black)	Standard size: 39CH, 68, 2068, 2168, 93221, 93227 Mid-size: 5068, PJ703, PJ724 Standard size: 69, 5169, 93223	Commercial: 1212 (Black)	Commercial: 58 (Black)	Industrial: 5745N (Gray)	Commercial: S21 (Black) Industrial: 5752AN (Gray)
50A 3Ø 250V	 15-50R 15-50P	Industrial: 8450N (Black)	Standard size: 69, 5169, 93223		Industrial: 8450P (Black)	Industrial: 8452N (Gray)	Industrial: 8452AN (Gray)
60A 125/250V	 14-60R 14-60P	Industrial: 9460N (Black)	Standard size: 69, 5169, 93223		Commercial: 60 (Black)	Industrial: 9462N (Gray)	Commercial: S20 (Black) Industrial: 9462AN (Gray)
60A 3Ø 250V	 15-60R 15-60P	Industrial: 8460N (Black)	Standard size: 69, 5169, 93223			Industrial: AH8462N (Gray)	Industrial: AH8462AN (Gray)

4-pole, 4-wire, non-grounding

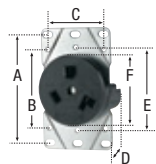
30A 3ØY 120/208V	 18-30R 18-30P					Industrial: 8332N (Gray)	Industrial: 8332AN (Gray)
50A 3ØY 120/208V	 18-50R 18-50P					Industrial: 8352N (Gray)	Industrial: 8352AN (Gray)
60A 3ØY 120/208V	 18-60R 18-60P	Industrial: 5515N (Black)	Standard size: 69, 5169, 93223			Industrial: 5517N (Gray)	Commercial: S19 (Black) Industrial: 4516AN (Gray)

Power device dimensional information: B-22; Specification information: B-27–B-29
Compliances, specifications and availability are subject to change without notice.

All products on this page are RoHS compliant - Page Q-32

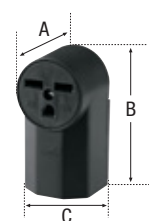
Straight blade power devices dimensional data

Flush receptacles



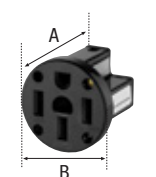
Family	A	B	C	D (Depth)	E	F (Face dia.)
30 & 1200 series	3.28" (83.3mm)	2.38" (60.5mm)	1.81" (46.0mm)	1.42" (36.1mm)	2.50" (63.5mm)	2.10" (53.5mm)
5000 & 7000 series	3.28" (83.3mm)	2.38" (60.5mm)	1.81" (46.0mm)	1.69" (42.9mm)	2.50" (63.5mm)	2.12" (53.8mm)
8000 series	3.28" (83.3mm)	2.38" (60.5mm)	1.81" (46.0mm)	1.69" (42.9mm)	—	2.38" (60.5mm)

Surface receptacles



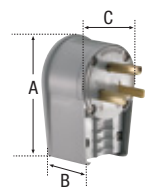
Family	A	B	C
100 & 1200 series	2.10" (53.3mm)	4.75" (120.7mm)	2.50" (63.5mm)

Panel mount receptacles



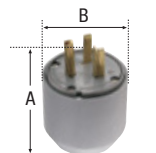
Family	A	B
58, 60	2.80" (71.1mm)	2.80" (71.1mm)
U1263	1.69" (42.9mm)	2.09" (53.1mm)

Angled plugs



Family	A	B	C	Cord diameter
80 & 83	2.92" (74.2mm)	1.03" (26.2mm)	2.80" (71.1mm)	83: 0.64" (16.3mm) max. 80: 0.80" (20.3mm) max.
S41 & S42, S20 & S21, S19	3.37" (85.6mm)	1.38" (35.1mm)	2.87" (72.9mm)	S41 & S42: 1.10" (27.9mm) S20 & S21: 1.13" (28.7mm) S19: 1.00" (25.4mm)
4500AN, 5700AN, 7900AN, 8300AN, 8400AN, 9300AN, 9400AN, AH8400AN series	4.30" (109.2mm)	1.88" (47.8mm)	3.00" (76.2mm)	0.56-1.31" (14.2-33.3mm)

Plugs



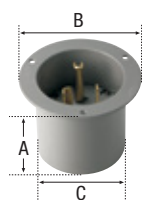
Family	A	B	Cord diameter
4500N, 5500N, 5700N, 8300N, 8400N, 9300N, 9400N, AH8400N series	3.34 -3.81" (84.8 -96.8mm) varies with diameter of cord	3.12" (79.2mm)	0.43 -1.31" (10.8 -33.3mm)

Connectors



Family	A	B	C	Cord diameter
6700N, 9300N, 9500N series	4.71-5.19" (119.6-131.8mm) varies with diameter of cord	3.12" (79.2mm)	2.59" (65.8mm)	0.43-1.31" (10.8 -33.3mm)

Flanged inlets



Family	A	B	C
4500NFI, 5700NFI, 9300NFI series	2.72" (69.1mm)	3.75" (95.3mm)	2.81" (71.4mm)

Compliances, specifications and availability are subject to change without notice.

Hospital grade straight blade plugs & connectors specification & performance data

Hospital grade plugs & connectors

Product description

2-pole, 3-wire grounding
15A, 125V/AC; 15A, 250V/AC; 20A, 125V/AC; 20A, 250V/AC
NEMA 5-15, 6-15, 5-20, 6-20

Device type	Hospital grade ultra safety plugs & connectors, straight blade	Hospital grade plugs & connectors	Hospital grade auto grip plugs & connectors, straight blade	Hospital grade quick grip plugs & connectors, straight blade
Wiring type	Back wire	Back wire	Back wire	Back wire
Testing & code compliance	- Listed to UL498, file no. E3663 - Complies with Fed Spec WC-596F - cUL Listed to C22.2, no. 42-M1999		- Listed to UL498, file no. E3663 - Complies with Fed Spec WC-596F - cUL Listed to C22.2, no. 42-M1999	- Listed to UL498, file no. E15012 - UL verified to Fed Spec WC-596G
Environmental specifications	Flammability: Meets UL94 requirements; V2 rated Temperature rating: -40°C to 75°C (-40°F to 167°F)	Flammability: Meets UL94 requirements; V2 rated Temperature rating: -40°C to 75°C (-40°F to 167°F)	Flammability: Meets UL94 requirements; V2 rated Temperature rating: -40°C to 75°C (-40°F to 167°F)	Flammability: Meets UL94 requirements; V2 rated Temperature rating: -40°C to 75°C (-40°F to 167°F)
Electrical specifications	Dielectric voltage: Twice the device rating + 1000V per UL498 Current interrupting: Yes, at full-rated current Temperature rise: Max. 30°C (86°F) after 250 cycles of overload	Dielectric voltage: Twice the device rating + 1000V per UL498 Current interrupting: Yes, at full-rated current Temperature rise: Max. 30°C (86°F) after 250 cycles of overload @ 200% of rated current (DC)	Dielectric voltage: Twice the device rating + 1000V per UL498 Current interrupting: Yes, at full-rated current Temperature rise: Max. 30°C (86°F) after 250 cycles of overload	Dielectric voltage: Twice the device rating + 1000V per UL498 Current interrupting: Yes, at full-rated current Temperature rise: Max. 30°C (86°F) after 100 cycles of overload @ 150% of rated current (DC)
Mechanical specifications	Terminal accommodation: #18 - #12 AWG Voltage ratings: Permanently marked on device	Terminal accommodation: #18 - #12 AWG Voltage ratings: Permanently marked on device	Terminal accommodation: #18 - #12 AWG Voltage ratings: Permanently marked on device	Terminal accommodation: #18 - #12 AWG Voltage ratings: Permanently marked on device
Materials	Plug/connector outer shell: Nylon; polycarbonate on C version Interior body: Nylon Terminal retainer: Polycarbonate Blades: 0.065" thick brass Line contacts: 0.031" thick brass Terminal clamps: Galvanized steel Terminal screws: #8-32 brass, nickel plated Ground screw: #8-32 brass, green Assembly/mounting screws: Steel Cord clamp: Nylon Gasket/dust shield: EPDM	Plug/connector outer shell: Nylon Terminal retainer: Polycarbonate Blades: 0.060" thick brass Line contacts: 0.031" thick brass Terminal clamps: Steel, zinc plated Terminal screws: #8-32 steel, brass plated (hot) and nickel plated (neutral) Ground screw: #8-32 steel, zinc plated, green Assembly/mounting screws: Steel, nickel plated Cord clamp: Nylon	Plug/connector outer shell: Nylon; polycarbonate on C version Interior body: Nylon Terminal retainer: Polypropylene Blades: 0.065" thick brass Line contacts: 0.031" thick brass Terminal clamps: Galvanized steel Terminal screws: #8-32 brass, nickel plated Ground screw: #8-32 brass, green Assembly/mounting screws: Steel Cord clamp: Polypropylene Gasket/dust shield: EPDM	Plug/connector outer shell: Nylon Interior body: N/A Terminal retainer: Polycarbonate Blades: 0.060" thick brass Line contacts: 0.030" thick brass Terminal clamps: Steel, zinc plated Terminal screws: #8-32 steel, hot screw brass plated Ground screw: #8-32 steel, green Assembly/mounting screws: Steel, zinc plated Cord clamp: Nylon Gasket/dust shield: N/A

Compliances, specifications and availability are subject to change without notice.

 All products on this page are RoHS compliant - Page Q-32

Industrial grade straight blade plugs & connectors specification & performance data

Industrial grade plugs & connectors

Product description

2-pole, 3-wire grounding; 3-pole, 3-wire non-grounding; 4-pole, 4-wire non-grounding
15A, 125V/AC; 15A, 250V/AC; 20A, 125V/AC; 20A, 250V/AC;
20A, 277V/AC; 20A, 125/250V/AC; 20A, 120/208V/AC;
NEMA 5-15, 5-20, 6-15, 6-20, 7-20, 10-20, 18-20

Device type	Industrial grade ultra grip plugs & connectors, straight blade	Industrial grade auto grip plugs & connectors, straight blade	Industrial grade quick grip plugs & connectors, straight blade
Wiring type	Back wire	Back wire	Back wire
Testing & code compliance	- cULus Listed to UL498, file no. E3663 - Complies with Fed Spec WC-596F - CSA certified to C22.2, no. 42-99 file no. 7087 (6221-02) 7251N: NOM certified	- Listed to UL498, file no. E3663 - UL verified to Fed Spec WC-596F except cat. no. 5266AN - CSA certified to C22.2, no. 42-99 file no. 2081 (6221-02)	- cULus Listed to UL498, file no. E15012 - UL verified to Fed Spec WC-596G
Environmental specifications	Flammability: Meets UL94 requirements, V2 rated Temperature rating: -40°C to 75°C (-40°F to 167°F)	Flammability: Meets UL94 requirements, V2 rated Temperature rating: -40°C to 75°C (-40°F to 167°F)	Flammability: Meets UL94 requirements, V2 rated Temperature rating: -40°C to 75°C (-40°F to 167°F)
Electrical specifications	Dielectric voltage: Twice the device rating + 1000V per UL498 Current interrupting: Yes, at full-rated current Temperature rise: Max. 30°C (86°F) after 200 cycles of overload @ 200% of rated current (DC)	Dielectric voltage: Twice the device rating + 1000V per UL498 Current interrupting: Yes, at full-rated current Temperature rise: Max. 30°C (86°F) after 50 cycles of overload @ 150% of rated current (DC)	Dielectric voltage: Twice the device rating + 1000V per UL498 Current interrupting: Yes, at full-rated current Temperature rise: Max. 30°C (86°F) after 100 cycles of overload @ 150% of rated current (DC)
Mechanical specifications	Terminal accommodation: #16 - #12 AWG, except 7624N, 9151N, 7251N: #18 - #10 AWG Voltage ratings: Permanently marked on device	Terminal accommodation: #18 - #12 AWG Voltage ratings: Permanently marked on device	Terminal accommodation: #18 - #12 AWG Voltage ratings: Permanently marked on device
Materials	Plug/connector outer shell: Nylon Interior body: Nylon Terminal retainer: Polycarbonate Blades: 0.065" thick brass Line contacts: 0.031" thick brass Terminal clamps: Steel, zinc plated Terminal screws: #8-32 brass, nickel plated Ground contact: 0.041" thick brass Ground screw: #8-32 brass, zinc plated, green Assembly/mounting screws: Steel, zinc plated Cord clamp: Nylon Cord clamp screws: Steel, zinc plated Gasket/dust shield: Neoprene	Plug/connector outer shell: Nylon Interior body: Nylon Terminal retainer: Polycarbonate Blades: 0.065" thick brass Line contacts: 0.031" thick brass Terminal clamps: Steel, zinc plated Terminal screws: #8-32 brass, nickel plated Ground contact: 0.041" thick bronze Ground screw: #8-32 brass, green Assembly/mounting screws: Steel, zinc plated Cord clamp: Polypropylene Cord clamp screws: N/A Gasket/dust shield: Neoprene	Plug/connector outer shell: Nylon Interior body: N/A Terminal retainer: Polycarbonate Blades: 0.060" thick brass Line contacts: 0.030" thick brass Terminal clamps: Steel, zinc plated Terminal screws: Steel, brass plated (hot) and zinc plated (neutral) Ground contact: Brass Ground screw: Steel, zinc plated, green Assembly/mounting screws: Steel, zinc plated Cord clamp: Nylon Cord clamp screws: N/A Gasket/dust shield: N/A

Industrial grade straight blade flanged inlets & outlets specification & performance data

Industrial grade flanged inlets & outlets

Product description

2-pole, 3-wire grounding
15A, 125V/AC; 15A, 250V/AC; 20A, 125V/AC; 20A, 250V/AC
NEMA 5-15, 5-20, 6-15, 6-20

Device type	Industrial grade flanged inlets, straight blade	Industrial grade flanged outlets, straight blade
Wiring type	Side wire	Side wire
Testing & code compliance	- Listed to UL498, file no. E3663 - cUL Listed to CSA C22.2, no. 42-M1999 5278C, 5678C: also NOM certified	- Listed to UL498, file no. E2369 - CSA certified to C22.2, no. 42-99 & 182.3-M1987 file no. 7087 (6233-01)
Environmental specifications	Flammability: Meets UL94 requirements, V2 rated Temperature rating: -40°C to 105°C (-40°F to 221°F)	Flammability: Meets UL94 requirements, V2 rated Temperature rating: -40°C to 105°C (-40°F to 221°F)
Electrical specifications	Dielectric voltage: Twice the device rating + 1000V per UL498 Current interrupting: Yes, at full-rated current Temperature rise: Max. 30°C (86°F) after 100 cycles of overload @ 150% of rated current (DC)	Dielectric voltage: Twice the device rating + 1000V per UL498 Current interrupting: Yes, at full-rated current Temperature rise: Max. 30°C (86°F) after 100 cycles of overload @ 150% of rated current (DC)
Mechanical specifications	Terminal accommodation: #14 AWG Voltage ratings: Permanently marked on device	Terminal accommodation: #14 AWG Voltage ratings: Permanently marked on device
Materials	Outer shell: Nylon, except 5278C: steel Interior body: Lexan, except 5278C: urea Terminal retainer: Lexan, except 5278C: urea Blades: 0.062" thick brass, except 5278C: 0.040" Line contacts: 0.062" thick brass Terminal clamps: Brass Terminal screws: #8-32 steel, brass plated (hot) or nickel plated (neutral), except 5278C: #6-32 Ground screw: #8-32 brass, zinc plated, green, except 5278C: #6-40 Assembly screws/rivets: Steel screws, except 5278C: steel rivets, zinc plated	Outer shell: Nylon, except 5246C: steel Interior body: Lexan, except 5246C: nylon Terminal retainer: Lexan, except 5246C: nylon Blades: 0.062" thick brass Line contacts: 0.062" thick brass, except 5246C: 0.040" Terminal clamps: Brass Terminal screws: #8-32 steel, brass plated (hot) or nickel plated (neutral) Ground screw: #8-32 brass, zinc plated, green Assembly screws/rivets: Steel screws, except 5246C: brass rivets

Industrial & commercial grade straight blade devices specification & performance data

Commercial grade plugs & connectors

Product description

2-pole, 2-wire non-grounding; 2-pole, 3-wire grounding
15A, 125V/AC; 15A, 250V/AC; 20A, 125V/AC; 20A, 250V/AC
NEMA 1-15, 5-15, 5-20, 6-15, 6-20

Device type	Commercial grade vinyl plugs & connectors, straight blade
Wiring type	Back wire
Testing & code compliance	- Listed to UL498, file no. E15012 - CSA certified to C22.2, no. 42-99 file no. 2081 (6221-02) - NOM certified, except 4882, 4862ANW
Environmental specifications	Flammability: Meets UL94 requirements, V2 rated Temperature rating: -20°C to 60°C (-4°F to 140°F)
Electrical specifications	Dielectric voltage: Twice the device rating + 1000V per UL498 Current interrupting: Yes, at full-rated current Temperature rise: Max. 30°C (86°F) after 50 cycles of overload @ 150% of rated current (DC)
Mechanical specifications	Terminal accommodation: #18 - #12 AWG Voltage ratings: Permanently marked on device
Materials	Plug/connector outer shell: Polypropylene Interior body: Polypropylene, except 4220, 4880 series: vinyl Terminal retainer: Polypropylene Blades: 0.058" thick brass Line contacts: 0.030" thick brass Terminal clamps: Steel, zinc plated Terminal screws: #6-40 steel, brass plated (hot) and zinc plated (neutral) Ground screw: #6-40 steel, zinc plated, green Assembly screws: Steel, zinc plated Cord clamp screws: Steel, zinc plated Cord clamp: Polypropylene

Industrial grade power devices

Product description

2-pole, 3-wire grounding; 3-pole, 3-wire non-grounding; 4-pole, 4-wire grounding
15A, 125V/AC, 250V/AC; 20A 125 V/AC, 250 V/AC, 277 V/AC; 20A 125/250V/AC; 20A, 3ØY, 120/208V/AC
NEMA 5-15, 5-20, 6-15, 6-20, 7-20, 10-20, 18-20

Device type	Industrial power plugs & connectors, straight blade	Industrial power receptacles, straight blade	Industrial power inlets, straight blade
Wiring type	Back wire	Back wire	Back wire
Testing & code compliance	- Listed to UL498, file no. E3663 - Complies with Fed Spec WC-596G - cUL Listed to CSA C22.2, no. 42-M1999	- Listed to UL498, file no. E3663 - UL verified to Fed Spec WC-596G - CSA certified to C22.2, no. 42-M1999 file no. LR7087 (6233-01)	- cULus Listed to UL 498, file no. E3663 - UL verified to Fed Spec WC-596G - cUL Listed to CSA C22.2, no. 42-M1999
Environmental specifications	Flammability: Meets UL94 requirements, V0 rated Temperature rating: -20°C to 75°C (-4°F to 167°F)	Flammability: Meets UL94 requirements, V0 rated Temperature rating: -20°C to 75°C (-4°F to 167°F)	Flammability: Meets UL94 requirements; flanged housing: V0 rated, all other components: V2 rated Temperature rating: -40°C to 75°C (-40°F to 167°F)
Electrical specifications	Dielectric voltage: Twice the device rating + 1000V per UL498 Current interrupting: Yes, at full-rated current Temperature rise: Max. 30°C (86°F) after 50 cycles of overload @ 150% of rated current (DC)	Dielectric voltage: Twice the device rating + 1000V per UL498 Current interrupting: Yes, at full-rated current Temperature rise: Max. 30°C (86°F) after 50 cycles of overload @ 150% of rated current (DC)	Dielectric voltage: Twice the device rating + 1000V per UL498 Current interrupting: Yes, at full-rated current Temperature rise: Max. 30°C (86°F) after 50 cycles of overload @ 150% of rated current (DC)
Mechanical specifications	Terminal accommodation: #12 - #4 AWG Voltage ratings: Permanently marked on device	Terminal accommodation: #12 - #4 AWG Voltage ratings: Permanently marked on device	Terminal accommodation: #12 - #4 AWG Voltage ratings: Permanently marked on device
Materials	Receptacle base: N/A Receptacle face: N/A Receptacle strap: N/A Plug/connector outer shell or flanged housing: Nylon Interior body: Nylon Terminal retainer: Nylon Blades: 0.100" thick brass Line contacts: 0.100" thick brass Ground shunt: 0.080" thick brass Terminal clamps: Brass box lug Terminal screws: 3/8-27 brass Ground contact: 0.042" thick bronze Ground screw: 3/8-27 brass Assembly screws: #6 steel, zinc plated Mounting screws: N/A Receptacle mounting plate: N/A Gasket/dust shield: Neoprene	Receptacle base: Nylon Receptacle face: Nylon Receptacle strap: N/A Plug/connector outer shell or flanged housing: N/A Interior body: N/A Terminal retainer: N/A Blades: N/A Line contacts: 0.050" thick 90-10 bronze Ground shunt: N/A Terminal clamps: 0.062" thick steel Terminal screws: #10-32 screw Ground contact: 0.042" thick brass Ground screw: #10-32 screw Assembly screws: N/A Mounting screws: N/A Receptacle mounting plate: 0.050" thick steel, Cr over zinc plated Gasket/dust shield: N/A	Receptacle base: N/A Receptacle face: N/A Receptacle strap: N/A Plug/connector outer shell or flanged housing: ABS Interior body: Nylon Terminal retainer: Nylon Blades: 0.100" thick brass Line contacts: 0.100" thick brass Ground shunt: N/A Terminal clamps: Brass Terminal screws: 3/8-27 brass Ground contact: N/A Ground screw: 3/8-27 brass, zinc plated, green Assembly screws: #6 steel, zinc plated Mounting screws: #10-32 steel, zinc plated Receptacle mounting plate: N/A Gasket/dust shield: N/A

Commercial power devices specification & performance data

Commercial grade power devices

Product description

2-pole, 3-wire grounding; 3-pole, 3-wire non-grounding; 3-pole, 4-wire grounding; 4-pole, 4-wire non-grounding
20A, 125/250VAC; 30A, 125V/AC, 250V/AC, 125/25V/AC; 50A 125V/AC, 250V/AC, 125/250V/AC; 60A 125/250V/AC
NEMA 5-30, 5-50, 6-30, 6-50, 10-20, 10-30, 10-50, 14-30, 14-50, 14-60, TT-30

Device type	Commercial power plugs, straight blade	Commercial power flush receptacles, straight blade	Commercial power surface receptacles, straight blade	Commercial power panel mount receptacles, straight blade
Wiring type	Back wire	Back wire	Back wire	Back wire
Testing & code compliance	• S41, S42, S80: Listed to UL498 file no. E15012 • S19, S20, S21: cULus Listed to UL 498 file no. E15012 • S41, S42: CSA certified to C22.2, no. 42-99 file no. 2081 (6221-02) • NOM certified	• Listed to UL498, file no. E15058 • Complies with Fed Spec WC-596G • cUL Listed to CSA C22.2, no. 42-M1999	• Listed to UL498, file no. E15058 • CSA certified to C22.2, no. 42, file no. 6914 (6233-81) • NOM certified	• Listed to UL498, file no. E15058 • CSA certified to C22.2, no. 42, file no. 6914 (6233-81) • NOM certified
Environmental specifications	Flammability: Meets UL94 requirements, V0 rated Temperature rating: -20°C to 60°C (-4°F to 140°F)	Flammability: Meets UL94 requirements, V0 rated Temperature rating: -20°C to 75°C (-4°F to 167°F)	Flammability: Meets UL94 requirements, V0 rated Temperature rating: -20°C to 75°C (-4°F to 167°F)	Flammability: Meets UL94 requirements, V0 rated Temperature rating: -20°C to 75°C (-4°F to 167°F)
Electrical specifications	Dielectric voltage: Twice the device rating + 1000V per UL498 Current interrupting: Yes, at full-rated current Temperature rise: Max. 30°C (86°F) after 50 cycles of overload @ 150% of rated current (DC)	Dielectric voltage: Twice the device rating + 1000V per UL498 Current interrupting: Yes, at full-rated current Temperature rise: Max. 30°C (86°F) after 50 cycles of overload @ 150% of rated current (DC)	Dielectric voltage: Twice the device rating + 1000V per UL498 Current interrupting: Yes, at full-rated current Temperature rise: Max. 30°C (86°F) after 50 cycles of overload @ 150% of rated current (DC)	Dielectric voltage: Twice the device rating + 1000V per UL498 Current interrupting: Yes, at full-rated current Temperature rise: Max. 30°C (86°F) after 50 cycles of overload @ 150% of rated current (DC)
Mechanical specifications	Terminal accommodation: S19, S20, S21: #10 - #4 AWG S41, S42: #10 - #6 AWG S80: #10 - #8 AWG Voltage ratings: Permanently marked on device	Terminal accommodation: #10 - #4 AWG Voltage ratings: Permanently marked on device	Terminal accommodation: #10 - #4 AWG Voltage ratings: Permanently marked on device	Terminal accommodation: #10 - #4 AWG Voltage ratings: Permanently marked on device
Materials	Receptacle base: N/A Receptacle face: N/A Plug/connector outer shell: PVC Blades: 0.096" thick brass Line contacts: N/A Terminal clamps: Steel, zinc plated Terminal screws: 1/4-28 set screw, steel, zinc plated Ground contact: N/A Ground screw: 1/4-28 set screw, steel, zinc plated Assembly/mounting screws: #8-32 steel, zinc plated, except S80: #6-32 steel, nickel plated Cord clamp screws: #8-32 steel, zinc plated, except S80: #6-32 steel, nickel plated Cord clamp: Steel, zinc plated Receptacle mounting plate: N/A	Receptacle base: Urea Receptacle face: Urea Plug/connector outer shell: N/A Blades: N/A Line contacts: 0.040" thick 260 brass Terminal clamps: 0.072" thick steel with SCR Terminal screws: 5/16-24 steel lug screws, AL lug Ground contact: 0.032" thick brass Ground screw: 5/16-24 steel lug screws Assembly/mounting screws: #6-32 steel, zinc plated Cord clamp screws: N/A Cord clamp: N/A Receptacle mounting plate: 0.045" thick galvanized steel	Receptacle base: Urea Receptacle face: Polypropylene Plug/connector outer shell: N/A Blades: N/A Line contacts: 0.040" thick brass, solder plated Terminal clamps: 0.093" thick steel Terminal screws: 1/4-20 set screw, copper plated Ground contact: 0.032" thick brass Ground screw: 1/4-20 steel, zinc plated, green Assembly/mounting screws: #6-32 steel, zinc plated Cord clamp screws: N/A Cord clamp: N/A Receptacle mounting plate: 0.045" thick galvanized steel	Receptacle base: Urea Receptacle face: Urea Plug/connector outer shell: N/A Blades: N/A Line contacts: 0.045" thick brass, tin plated Terminal clamps: 0.013" thick steel Terminal screws: 1/4-28 Ground contact: 0.032" thick brass Ground screw: 1/4-28 steel, zinc plated Assembly/mounting screws: #6-32 steel, zinc plated Cord clamp screws: N/A Cord clamp: N/A Receptacle mounting plate: 0.040" thick steel, galvanized

Commercial grade power devices

Product description

2-pole, 3-wire grounding: 30A, 125V/AC, NEMA TT-30
 3-pole, 3-wire non-grounding: 20A, 125/250V/AC, NEMA 10-20
 3-pole, 4-wire grounding: 20A, 125/250V/AC, NEMA 14-20

Device type	Commercial power plugs, straight blade NEMA 10-20, Cat. no. 2836	Commercial power flush receptacles, straight blade NEMA 10-20, Cat. no. 805	Commercial power NEMA TT-30 plug & adapter, straight blade Cat. nos. 83, 1264
Wiring type	Back wire	Side wire	Back wire
Testing & code compliance	- Listed to UL498 file no. E15012 - NOM certified	- Listed to UL498 file no. E15058 - CSA certified to C22.2 no. 42-M1999, file no. 6914 (6233-01) - NOM certified	- Listed to UL498 file no. E15012 - NOM certified
Environmental Specifications	Flammability: Withstands 1500V per UL498 Temperature rating: Yes, at full-rated current	Flammability: Withstands 1500V per UL498 Temperature rating: Yes, at full-rated current	Flammability: Withstands 1500V per UL498 Temperature rating: -20°C to 75°C (-4°F to 167°F)
Electrical specifications	Dielectric voltage: Twice the device rating + 1000V per UL498 Current interrupting: Yes, at full-rated current Temperature rise: Max. 30°C (86°F) after 100 cycles of overload @ 150% of rated current (DC)	Dielectric voltage: ≤300V: 2000V, 301-600V: 3000V per UL498 Current interrupting: Yes, at full-rated current Temperature rise: Max. 30°C (86°F) after 100 cycles of overload @ 150% of rated current (DC)	Dielectric voltage: Twice the device rating + 1000V per UL498 Current interrupting: Yes, at full-rated current Temperature rise: Max. 30°C (86°F) after 100 cycles of overload @ 150% of rated current (DC)
Mechanical specifications	Terminal accommodation: #14 - #10 AWG Voltage ratings: Permanently marked on device	Terminal accommodation: #14 - #10 AWG Voltage ratings: Permanently marked on device	Terminal accommodation: 83: #12 - #10 AWG 1264: N/A Voltage ratings: Permanently marked on device
Materials	Receptacle base: N/A Receptacle face: N/A Receptacle strap: N/A Plug/connector outer shell: Steel, zinc-plated Interior body: PVC Blades: 0.072" thick brass Line contacts: N/A Terminal clamps: Steel, zinc-plated Terminal screws: #6-40 brass Ground contact: N/A Ground screw: N/A Assembly/mounting screws: #5-20 steel, zinc plated Cord clamp insert: PVC Cord clamp screws: #6-32 steel, zinc plated Cord clamp: Steel, zinc plated	Receptacle base: Urea Receptacle face: Urea Receptacle strap: 0.050" thick steel, galvanized Plug/connector outer shell: N/A Interior body: N/A Blades: N/A Line contacts: 0.040" thick brass Terminal clamps: 0.040" thick brass Terminal screws: #8-32 steel, zinc plated Ground contact: 0.032" thick bronze Ground screw: N/A Assembly/mounting screws: Steel, zinc plated Cord clamp insert: N/A Cord clamp screws: N/A Cord clamp: N/A	Receptacle base: N/A Receptacle face: N/A Receptacle strap: N/A Plug/connector outer shell: 83: Urea 1264: Phenolic Interior body: 83: N/A, 1264: PVC Blades: 83: 0.062" thick brass, 1264: 0.058" thick brass Line contacts: 83: N/A, 1264: 0.016-0.020" thick brass Terminal clamps: N/A Terminal screws: 83: #10-32 brass, zinc plated, 1264: N/A Ground contact: N/A Ground screw: 83: #10-32 brass, zinc plated, green, 1264: N/A Assembly/mounting screws: 83: #8-32 steel, zinc plated, 1264: N/A Cord clamp insert: N/A Cord clamp screws: 83: #6-32 steel, zinc plated, 1264: N/A Cord clamp: 83: steel, zinc plated, 1264: N/A