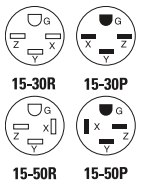
Arrow Hart heavy-duty power devices

Project Name:	Prepared By:
Project Number:	Date:
Catalog Number:	Type:

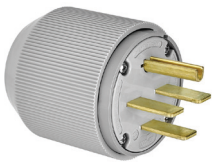
Description

30A, 3Ø 250V/AC, 3-Pole, 4-Wire Grounding
50A, 3Ø 250V/AC, 3-Pole, 4-Wire Grounding
NEMA 15-30, 15-50




8430N


8450N


8432N


8452AN

Design features for receptacles

- Heavy gauge galvanized steel mounting straps for corrosion resistance
- Terminal pressure plates for enhanced wire retention strength

Design features for plugs

- Auto grip plugs utilize an internal clamp design to secure cord during assembly
- Auto grip devices are built with a rugged high-strength thermoplastic
- Terminals have pressure plates to protect wires
- Neoprene gasket seals around cord for added terminal protection on Auto grip devices
- Angled Auto grip plugs have 4 possible positions for maximum convenience

Table 1. NEMA 15-30 Dryer Power Devices

Catalog No.	Description	Amps	Volts	Color
☐ 8430N	Heavy-duty flush mount power receptacle	30	3Ø 250	Black
☐ 8432N	Industrial grade auto grip straight body power plug	30	3Ø 250	Gray
☐ 8432AN	Industrial grade angled plug	30	3Ø 250	Gray

Table 2. NEMA 15-50 Range Power Devices

Catalog No.	Description	Amps	Volts	Color
☐ 8450N	Heavy-duty flush mount power receptacle	50	3Ø 250	Black
☐ 8452N	Industrial grade auto grip straight body power plug	50	3Ø 250	Gray
☐ 8452AN	Industrial grade angled plug	50	3Ø 250	Gray

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

Powering Business Worldwide

Project Name:	Prepared By:
Project Number:	Date:
Catalog Number:	Type:

Applications

Today's high amperage and voltage equipment requires power devices that are more durable and reliable than ever, and our power devices are specifically designed to meet those challenges. Our full offering of flush mount receptacles, plugs and connectors deliver reliable connection points for generators, welders, and other heavy workshop tools and are perfect for including on new industrial equipment or for retrofit applications.

Table 1. Specifications

Catalog No.	8430N and 8450N	8432N, 8432AN, 8452N, 8452AN
Device Type	**Flush Mount Receptacles**	**Auto Grip Industrial Plugs**
NEMA Config	NEMA 15-30 and 15-50	NEMA 15-30 and 15-50
Wiring Type	Back wire	Back wire
Testing & Code Compliance	Listed to UL498, file no. E15058 cUL Listed to CSA C22.2, no. 42	cULus Listed to UL498, file no. E15058 CSA certified to C22.2, no. 42 Complies with Fed Spec WC-596G 8432N, 8432AN: NOM certified
Environmental Specifications	**Flammability:** Meets UL94 requirements; V0 rated **Temperature Rating:** -40°C to 105°C (-40°F to 221°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. 30ºC (86°F) after 50 cycles of overload at 150% of rated current (DC)	**Dielectric Voltage:** ≤300V: 2000V, 301-600V: 3000V per UL498 **Current Interrupting:** Yes, at full-rated current **Temperature Rise:** Max. 30ºC (86°F) after 50 cycles of overload @ 150% of rated current (DC)
Mechanical Specifications	**Terminal Accommodation:** #10 - #4 AWG **Voltage Ratings:** Permanently marked on device	**Terminal Accommodation:** #12 - #4 AWG **Voltage Ratings:** Permanently marked on device

Table 2. Materials

Catalog No.	8430N and 8450N	8432N, 8432AN, 8452N, 8452AN
Device Type	**Flush Mount Receptacles**	**Auto Grip Industrial Plugs**
Receptacle base	Glass filled nylon	N/A
Receptacle face	Glass filled nylon	N/A
Line contacts	0.040" thick brass	N/A
Terminal clamps	.060" steel	Galvanized steel
Terminal screws	5/16-24 Steel Lug Screws	#8 - 32 brass, nickel plated
Ground contact	.04" thick brass	N/A
Ground screws	5-16-24 steel lug screws	#8 - 32 brass, green
Assembly/mounting screws	#6 - 32 steel, zinc plated	Steel
Receptacle mounting plate	0.050" thick galvanized steel	N/A
Plug outer shell	N/A	Nylon
Interior body	N/A	Nylon
Terminal retainer	N/A	Straight Plugs: Polypropylene, Angled Plugs: ABS
Blades	N/A	0.100" thick brass
Cord clamp	N/A	Polypropylene
Gasket/dust shield	N/A	Straight Plugs: Neoprene, Angled Plugs: N/A

Project Name:	Prepared By:
Project Number:	Date:
Catalog Number:	Type:

Product Dimensions

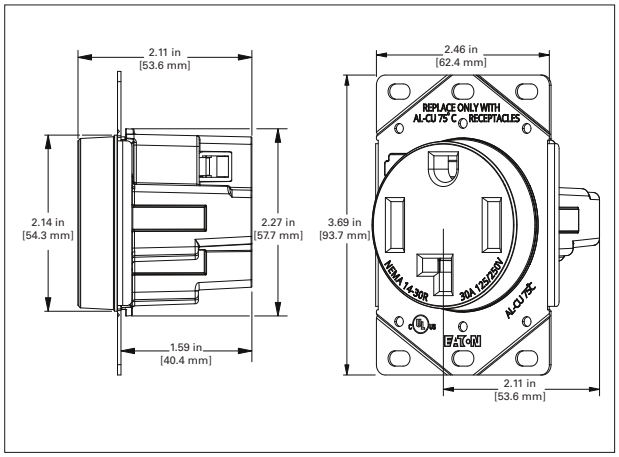


Figure 1. Flush Mount Receptacle

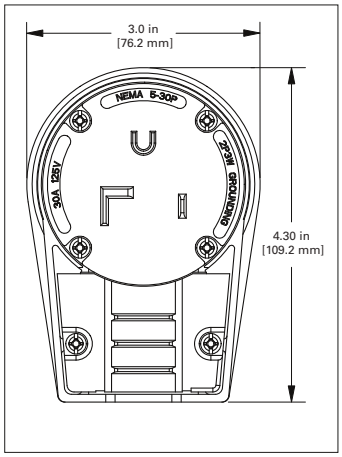


Figure 3. Auto Grip Industrial Angled Plug

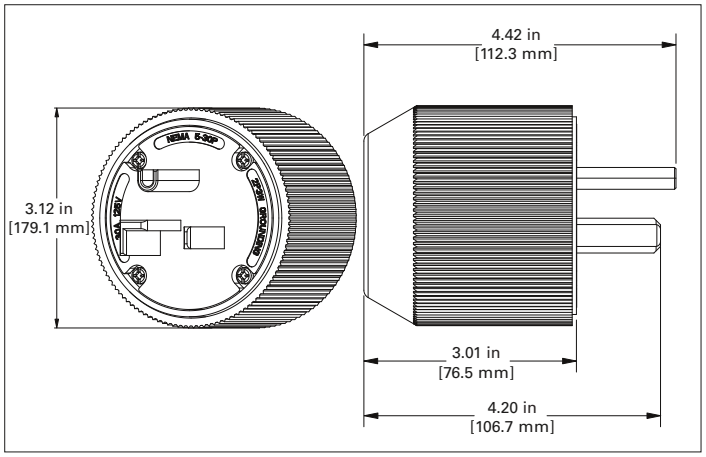


Figure 2. Auto Grip Industrial Plug

Project Name:	Prepared By:
Project Number:	Date:
Catalog Number:	Type:

Certifications & Compliances

Catalog No.	cULus	FULus	NOM
8430N	•	•	•
8432N	•	•	•
8432AN	•	•	•
8450N	•	•	•
8452N	•	•	
8452AN	•	•	

KEY: cULus FULus NOM

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