

## Wire Connectors

### Catamount® Wire Connectors

In 1914, William Marr invented the world's first pressure-type wire connector. Since then, these connectors have become synonymous with "best quality wire connectors." Easy to install and comfortable in the hand, they are indispensable to electricians. And now they're available as key components of the Catamount® product line. This is very good news for your fingers.

#### How good are they?

The first thing you'll notice about Catamount® wire connectors is that they come in a variety of types and styles, making it easy for you to identify wire size at a glance.

Feature for feature, here's what makes Catamount® connectors significantly better than other connectors.

- Catamount® connectors are the **ONLY** wire connector to offer a non-winged, variable-volume live-action spring in the connector. The spring expands to receive the conductors, rather than crushing them together as typical non-winged competitors do.
- They can handle a broader range of wire connection combinations.
- They're coated with 100% pure copper, which reduces the corrosion common to tin- and zinc-coated products.
- Catamount® connectors' "finger friendly" design offers a truer grip for less hand fatigue during repeated use.
- They are the **ONLY** red non-winged connector that is UL Listed for a pair of #8 AWG wires.
- The high-grade polypropylene outer shell prevents "blooming" or "blossoming" of the connector sidewall. The outer shell maintains a constant moisture level, reducing the likelihood of the connector becoming dry, brittle to extreme heat or cold.



#### Catamount® XTP® (Non-Winged)

CAT. NO.	WIRE RANGE*	MIN.	MAX.	COLOR	DESCRIPTION	STD. CTN.
329-P					100 pc/box	1000
329-BP	22-16	1#22 + 1#20	2#16	XTP-Gray	1,000 pc/bulk box	1000
329-BK					10,000 pc/bulk box	10,000
330-P					100 pc/box	1000
330-BP	22-14	3#20	3#16	XTP-Blue	1,000 pc/bulk box	1000
330-BK					10,000 pc/bulk box	10,000
331P					100 pc/bulk box	1000
331M	18-14	2#18	3#14	XTP-Orange	1,000 pc/masterpak®	5000
331KP					500 pc/bag	10,000
333P					100 pc/box	1000
333M	18-10	1#14 + 2#18	1#10 + 2#14	XTP-Yellow	1,000 pc/masterpak®	3000
333KP					500 pc/bag	5000
335P					100 pc/box	1000
335D	18-8	2#16 + 2#18	3#10	XTP-Red	500 pc/masterpak®	—
335Q					200 pc/bag	—

\*AWG Solid or Stranded

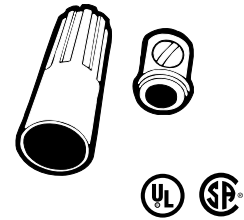
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### Catamount® Set-Screw Wire Connectors

Threaded brass inserts provide vibration-resistant connections that are easily removed for disconnection, visual inspection or rewiring. Catamount® set-screw wire connectors feature flexible, color-coded nylon insulating shells which are compact for tight applications.

The nylon insulating shells resist heat, cold and impact with a temperature rating of 105° C (221° F) max. Rated: 600V.

- Threaded brass inserts for vibration-resistant connections
- Easily removed
- Color-coded nylon insulating shells
- UL Listed and CSA Certified



CAT. NO.	DESCRIPTION	WIRE RANGE*	MIN.	MAX.	DIMENSIONS (IN.)				STD. CTN.
					A	B	C	D	
<b>Carton Packed</b>									
10-305	(SS-0) Orange	#18-#12	(2) #18	(1) #12 w/ (3) #18	1 <sup>5</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>64</sub>	3 <sup>8</sup> / <sub>8</sub>	100
10-307	(SS-2) Red	#18-#10	(6) #18	(2) #10 w/ (1) #12	1 <sup>3</sup> / <sub>32</sub>	3 <sup>9</sup> / <sub>64</sub>	3 <sup>3</sup> / <sub>64</sub>	3 <sup>5</sup> / <sub>64</sub>	100
<b>Bulk Packed</b>									
10-315	(SS-0) Orange	#18-#12	(2) #18	(1) #12 w/ (3) #18	1 <sup>5</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>64</sub>	3 <sup>8</sup> / <sub>8</sub>	1000
10-317-H	(SS-2) Red	#18-#10	(6) #18	(2) #10 w/ (1) #12	1 <sup>3</sup> / <sub>32</sub>	3 <sup>9</sup> / <sub>64</sub>	3 <sup>3</sup> / <sub>64</sub>	3 <sup>5</sup> / <sub>64</sub>	1000

\* Solid only

UL File E-17010; CSA File LR-6541; 10-306 and 10-316 have been superceded by IBP.

### Catamount® Set-Screw Vibration-Proof/Visible Connection

The Catamount® Set Screw is a two-piece, pressure-type connector featuring a solid brass insert with a screw-on insulating cap. It's the perfect choice when changing a motor, adding a circuit, conducting instrument testing or simply lashing-up temporary wiring.

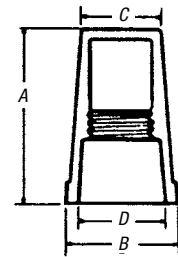
#### External Cap

- Made of rugged, phenolic material and 150° C-rated.
- Insulator cap locks securely in place to safeguard against accidental loosening in high-vibration applications.

#### Brass Insert

- Choice of slot or Robertson set screw. When tightening into the insert, provides a solid pressure-type connection on all approved wire combinations.
- No need to "re-strip" wires when rewiring. Simply loosen set screw to remove non-twisted wires.

- CSA (LR6591), UL (424H) — approved for circuits up to 600V and lighting fixtures and signs up to 1,000V.
- Convenient packaging — sized right and jobsite ready!

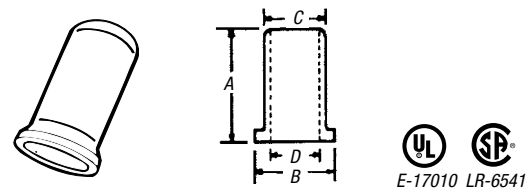


#### Marrette Set Screws

CAT. NO.	DESCRIPTION	WIRE RANGE	STD. CTN.	STD. PKG.
1SHP	Marrette Set Screw, Small Robertson	#18-#12	100	1000
2SHP	Marrette Set Screw, Large Robertson	#18-#10	100	1000
1C-CDN	Marrette Set Screw, Small Slot-Head	#18-#12	3/Card	10 Cards
2C-CDN	Marrette Set Screw, Large Slot-Head	#18-#10	3/Card	10 Cards

### Crimp Sleeve Wire Connectors

- Zinc plated, chromate-treated steel
- Two sizes accommodate #18-#8 AWG copper
- UL Listed and CSA Certified



CAT. NO.	DESCRIPTION	WIRE RANGE*	MIN.	MAX.	DIMENSIONS (IN.)				STD. CTN.
					A	B	C	D	
<b>Carton Packed</b>									
10-500	(Hi-410)	#18-#10*	(1) #14 w/ (1) #18	(2) #10 w/ (1) #12	3 <sup>8</sup> / <sub>8</sub>	1 <sup>9</sup> / <sub>64</sub>	1 <sup>4</sup> / <sub>4</sub>	1 <sup>3</sup> / <sub>64</sub>	50
10-501	(Hi-411)	#18-#8	(3) #12	(4) #10	3 <sup>9</sup> / <sub>64</sub>	2 <sup>3</sup> / <sub>64</sub>	5 <sup>1</sup> / <sub>16</sub>	1 <sup>7</sup> / <sub>64</sub>	50
<b>Bulk Packed</b>									
10-510	(Hi-410)	#18-#10*	(1) #14 w/ (1) #18	(2) #10 w/ (1) #12	3 <sup>8</sup> / <sub>8</sub>	1 <sup>9</sup> / <sub>64</sub>	1 <sup>4</sup> / <sub>4</sub>	1 <sup>3</sup> / <sub>64</sub>	1000
10-511	(Hi-411)	#18-#8	(3) #12	(4) #10	3 <sup>9</sup> / <sub>64</sub>	2 <sup>3</sup> / <sub>64</sub>	5 <sup>1</sup> / <sub>16</sub>	1 <sup>7</sup> / <sub>64</sub>	1000

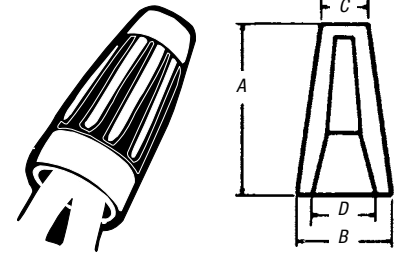
\* Stranded only.

Installation tool 18-500.

## Wire Connectors

### Porcelain Wire Connectors — High Temperature

- For high-temperature applications over 105° C
- Rated up to 645° C (1200° F)
- Three sizes accommodate #18–#14 AWG stranded copper
- 300V Rated
- UL Listed and CSA Certified
- UL Standard 486C



CAT. NO.	DESCRIPTION	WIRE RANGE*	MIN.	MAX.	DIMENSIONS (IN.)				STD. CTN.
					A	B	C	D	
<b>Carton Packed</b>									
10-401	(Hi-1)	#18–#14	(2) #18	(1) #18 w/ (2) #16	1 <sup>1</sup> / <sub>16</sub>	1 <sup>3</sup> / <sub>32</sub>	3 <sup>1</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>4</sub>	100
10-405	(Hi-5)	#18–#14	(2) #18	(2) #16 w/ (2) #18	3 <sup>1</sup> / <sub>4</sub>	3 <sup>1</sup> / <sub>64</sub>	1 <sup>3</sup> / <sub>64</sub>	5 <sup>1</sup> / <sub>16</sub>	100
10-407	(Hi-7)	#18–#14	(2) #18	(4) #16	2 <sup>7</sup> / <sub>32</sub>	1 <sup>7</sup> / <sub>32</sub>	7 <sup>1</sup> / <sub>32</sub>	1 <sup>3</sup> / <sub>32</sub>	100
<b>Multi-Carton Packed</b>									
10-411	(Hi-1)	#18–#14	(2) #18	(1) #18 w/ (2) #16	1 <sup>1</sup> / <sub>16</sub>	1 <sup>3</sup> / <sub>32</sub>	3 <sup>1</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>4</sub>	1,000
10-415	(Hi-5)	#18–#14	(2) #18	(2) #16 w/ (2) #18	3 <sup>1</sup> / <sub>4</sub>	3 <sup>1</sup> / <sub>64</sub>	1 <sup>3</sup> / <sub>64</sub>	5 <sup>1</sup> / <sub>16</sub>	1,000
10-417	(Hi-7)	#18–#14	(2) #18	(4) #16	2 <sup>7</sup> / <sub>32</sub>	1 <sup>7</sup> / <sub>32</sub>	7 <sup>1</sup> / <sub>32</sub>	1 <sup>3</sup> / <sub>32</sub>	1,000
<b>Bulk Packed</b>									
10-421	(Hi-1)	#18–#14	(2) #18	(1) #18 w/ (2) #16	1 <sup>1</sup> / <sub>16</sub>	1 <sup>3</sup> / <sub>32</sub>	3 <sup>1</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>4</sub>	10,000
10-425	(Hi-5)	#18–#14	(2) #18	(2) #16 w/ (2) #18	3 <sup>1</sup> / <sub>4</sub>	3 <sup>1</sup> / <sub>64</sub>	1 <sup>3</sup> / <sub>64</sub>	5 <sup>1</sup> / <sub>16</sub>	5,000
10-427	(Hi-7)	#18–#14	(2) #18	(4) #16	2 <sup>7</sup> / <sub>32</sub>	1 <sup>7</sup> / <sub>32</sub>	7 <sup>1</sup> / <sub>32</sub>	1 <sup>3</sup> / <sub>32</sub>	5,000

\* Stranded only.

UL File E-17010; CSA File LR-6541.

### Catamount® Black™ High-Temperature Wire Connectors

The Catamount® Black™ connector's high-temperature rating makes it the best solution for high-wattage lighting fixtures and signs.

#### External Cap

- Made of rugged, phenolic material and 150° C rated
- Large, finely ribbed, "barrel-shaped" cap — makes it easier to grip even when hands are greasy or damp
- Deep, wide throat ensures full insulation coverage
- Threaded entry helps guide large wire bundles right into the spring

#### Inner Spring

- Internal round spring design multiplies the "twist-on" torque applied by the leverage and wedge action to firmly crush wires into a solid joint
- Unique copper-coated spring helps resist corrosion
- CSA (LR6591), UL (424H)
  - Model No. 30 Black™ is approved for circuits and fixture-type connections up to 300V only
  - Model Nos. 31, 33 & 35 Black™ are approved for circuits up to 600V, and lighting fixtures and signs up to 1,000V

- Convenient packaging — sized right and jobsite ready!



CAT. NO.	DESCRIPTION	WIRE RANGE	MODEL	STD. CTN.
30P	Black	#22–#14	30	1,000
30BP	Black	#22–#14	30	1,000
30BK	Black	#22–#14	30	10,000
31P	Black	#18–#14	31	1,000
31KP	Black	#18–#14	31	5,000
31BP	Black	#18–#14	31	1,000
31BK	Black	#18–#14	31	10,000
33P	Black	#18–#12	33	1,000
33KP	Black	#18–#12	33	5,000
33BP	Black	#18–#12	33	10,000
33BK	Black	#18–#12	33	10,000
35P	Black	#18–#10	35	1,000
35KP	Black	#18–#10	35	2,500
35BP	Black	#18–#10	35	1,000
35BK	Black	#18–#10	35	5,000