Bring reliable power to motors, lights, heaters and other electrical devices with NFPA-79-2002 compliant Brad Power™ quick-connect products. Brad Power products are modular, flexible, scaleable and code-compliant wiring solutions that offer lower installed cost and faster commissioning of industrial machinery. Connect without the tools, threading, pipe bending and wire pulling involved with installing conduit ▲

Brad Power Physical Media

Round connection systems for power distribution.

Features & Benefits

- **Trunk and Drop wiring provides scaleable, modular wiring solutions**
- **Molded trunk cables for feeder circuits up to 30A, 600V AC/DC**
- **Molded drop cables for branch circuits up to 13A, 600V AC/DC**
- **Tees and Reducing Adapters provide flexibility and modular wiring options**
- **Pre-wired molded components eliminate concerns over mis-wiring**
- **Installs without raceways or conduit**
- **Lower installed costs**
- **Faster commissioning of industrial machinery**
- **NFPA-79 code compliant installations**
- **NEMA 6P and IP67 industrial ratings**
- **UL 1977 recognized and meet UL direct support requirements**

Brad Power— The Evolution of Power Distribution

The transformation has begun and the company that brought you Brad Harrison® is once again leading the way in wiring solutions. Changes to NFPA-79-2002 have transformed wiring practices, allowing the use of factory applied connectors molded onto cables offering a lower installed cost to you. Wiring industrial machinery for power applications is no longer limited to conduit alone.

Using dual rated STOOW and TC/Open Wiring rated cordsets allows you to install a trunk line along the machine's structure and drop power to your field devices. Modular trunk and drop circuit wiring provides increased versatility and convenience for your power distribution needs. Brad Power products feature an over-molded connector head to provide NEMA 6P and IP67 industrial ratings for harsh demanding environments and are UL 1977 recognized. Brad Power systems also meet UL direct support requirements that enable code compliant installations. Using pre-wired connectors eliminates the concern and downtime associated with mis-wiring. Brad Power, leading the evolution of wiring solutions and decreasing installation costs ▲

Woodhead

Brad Power™

Power without the pigtail™

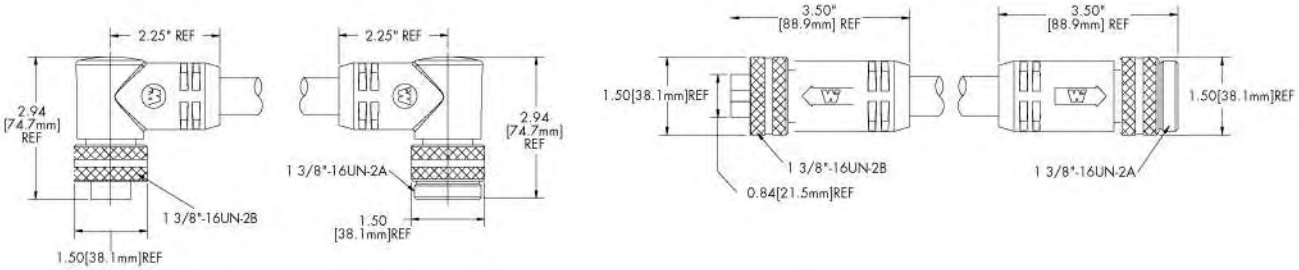
Trunk/Feeder Cordsets

Brad Power™ cordsets for trunk and feeder circuits offer durable components for the layout of a scalable wiring system for power distribution. Available in 3 and 4 pole configurations with dual rated 10 AWG cable, Trunk/Feeder cordsets provide the flexibility necessary for electrical power applications up to 30A, 600 V AC/DC ▲

Single-Ended Cordsets

			Straight	90 Degree
3 Pole	**30A** 10AWG	**Male**	C03006A48Mxxx	C03007A48Mxxx
		Female	C03000A48Mxxx	C03001A48Mxxx
4 Pole	**25A** 10AWG	**Male**	C04006A48Mxxx	C04007A48Mxxx
		Female	C04000A48Mxxx	C04001A48Mxxx

'Mxxx' — length in meters. Examples: 010 = 1m, 005 = 0.5m, 100 = 10m



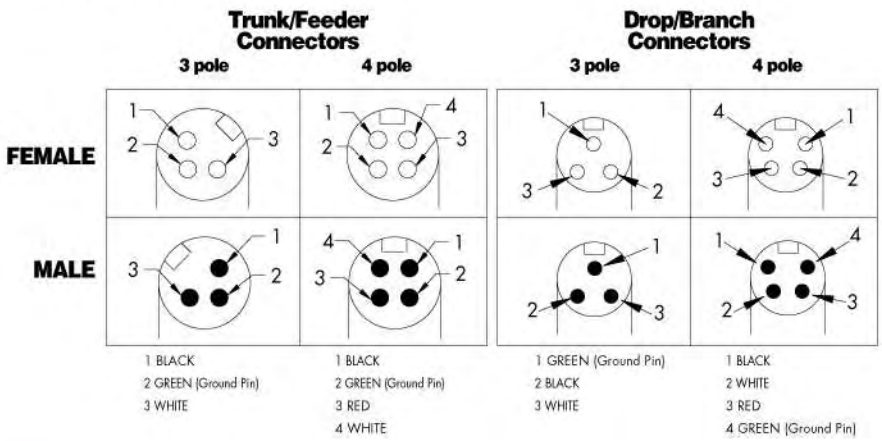
Double-Ended Cordsets

		Female Straight Male Straight	Female 90 Male Straight	Female Straight Male 90	Female 90 Male 90
3 Pole	**30A** 10AWG	CC3030A48Mxxx	CC3031A48Mxxx	CC3032A48Mxxx	CC3033A48Mxxx
4 Pole	**25A** 10AWG	CC4030A48Mxxx	CC4031A48Mxxx	CC4032A48Mxxx	CC4033A48Mxxx

'Mxxx' — length in meters. Examples: 010 = 1m, 005 = 0.5m, 100 = 10m

Trunk/Feeder Cordset Specifications

Connector Body Gray PVC*
Insert Black PVC*
Coupling Nut Anodized aluminum
Contact Solid copper alloy
Cable Gray PVC, 10 AWG, dual rated UL TC/Open Wiring and STOOW
Electrical Ratings 25A (4 P), 30A (3 P), 600V AC/DC
Recognized to UL1977
*rated to meet UL direct support requirements



Brad Power™
Power without the pipe.℠

Brad Power™ Physical Media

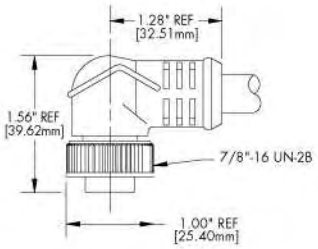
Drop/Branch Cordsets

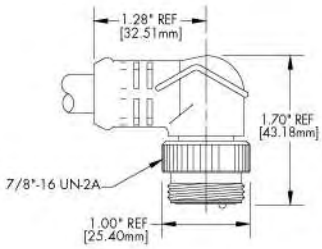
Brad Power cordsets for drop and branch circuits feature a compact mini style connector, which allows for the quick connection of field devices to trunk/feeder circuits. Available in 3 and 4 pole configurations with 14 or 16 AWG cable, drop/branch circuits can be wired quickly and easily for applications up to 13A, 600V AC/DC ▲

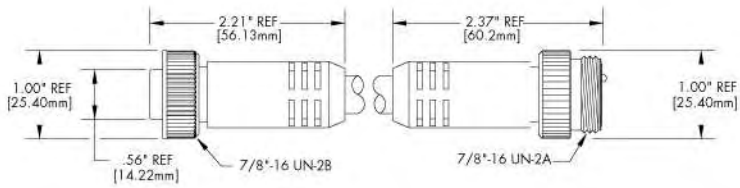
Single-Ended Cordsets

			Straight	90 Degree
3 Pole	13A 14 AWG	Male	103006A46Mxxx	103007A46Mxxx
		Female	103000A46Mxxx	103001A46Mxxx
	13A 16 AWG	Male	103006A45Mxxx	103007A45Mxxx
		Female	103000A45Mxxx	103001A45Mxxx
4 Pole	10A 14 AWG	Male	104006A46Mxxx	104007A46Mxxx
		Female	104000A46Mxxx	104001A46Mxxx
	10A 16 AWG	Male	104006A45Mxxx	104007A45Mxxx
		Female	104000A45Mxxx	104001A45Mxxx

'Mxxx' — length in meters. Examples: 010 = 1m, 005 = 0.5m, 100 = 10m







Double-Ended Cordsets

		Female Straight Male Straight	Female 90 Male Straight	Female Straight Male 90	Female 90 Male 90
3 Pole	13A 14 AWG	113030A46Mxxx	113031A46Mxxx	113032A46Mxxx	113033A46Mxxx
	13A 16 AWG	113030A45Mxxx	113031A45Mxxx	113032A45Mxxx	113033A45Mxxx
4 Pole	10A 14 AWG	114030A46Mxxx	114031A46Mxxx	114032A46Mxxx	114033A46Mxxx
	10A 16 AWG	114030A45Mxxx	114031A45Mxxx	114032A45Mxxx	114033A45Mxxx

'Mxxx' — length in meters. Examples: 010 = 1m, 005 = 0.5m, 100 = 10m

Drop/Branch Cordset Specifications

Connector Body Gray PVC*
Insert Black PVC*
Coupling Nut Zinc diecast with black epoxy coating
Contact Copper alloy with gold over nickel plating
Cable Material Gray PVC, 14 AWG and 16 AWG, dual rated UL TC/Open Wiring and STOOW
Electrical Ratings 10A (4 P), 13A (3 P), 600V AC/DC
Recognized to UL1977
*rated to meet UL direct support requirements

Woodhead

Brad Power™
Power without the pipe.℠

Brad Power™ Physical Media

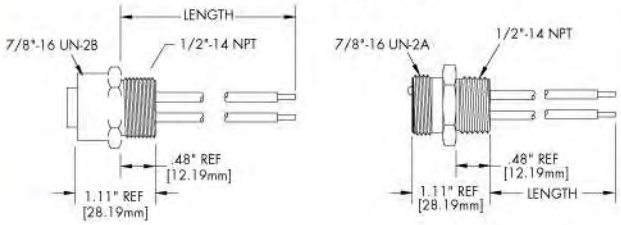
Receptacles & Accessories

As the termination point at motors and devices, Brad Power receptacles offer a quick connect interface to your device or cabinet. Accessories such as closure caps maintain sealing integrity and provide convenient "stop points" for expandable power systems ▲

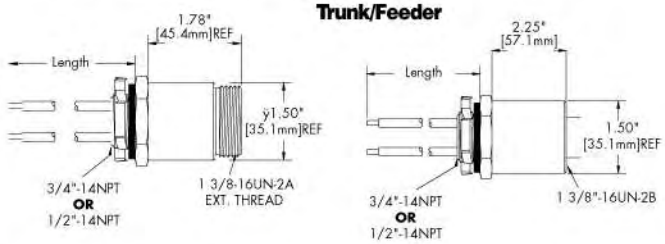
Trunk/Feeder Receptacles					
			Mounting Thread	Female	Male
3 Pole		30A 10 AWG	1/2-14NPT 3/4-14NPT	CR3000A30Mxxx CR3C00A30Mxxx	CR3006A30Mxxx CR3C06A30Mxxx
4 Pole		25A 10 AWG	1/2-14NPT 3/4-14NPT	CR4000A30Mxxx CR4C00A30Mxxx	CR4006A30Mxxx CR4C06A30Mxxx
Closure Cap				55-0198	55-0298
Drop/Branch Receptacles					
3 Pole	13A	14 AWG 16 AWG	1/2-14NPT	1R3000A28AxxxG 1R3000A20AxxxG	1R3006A28AxxxG 1R3006A20AxxxG
4 Pole	10A	14 AWG 16 AWG	1/2-14NPT	1R4000A28AxxxG 1R4000A20AxxxG	1R4006A28AxxxG 1R4006A20AxxxG
Closure Cap				65-0085	65-0086

'Mxxx' — length in meters. Examples: M010 = 1m, M005 = 0.5m, M100 = 10m
'Axxx' — length in inches. Examples: A010 = 1in, A120 = 12 in.

Drop/Branch



Trunk/Feeder



Receptacle Specifications

	Trunk/Feeder	Drop/Branch
Insert	Black PVC*	Black PVC*
Receptacle Shell	Anodized aluminum	Zinc diecast, black e-coat
Contact	Copper alloy	Gold over nickel plated
Wire Insulation	PVC	PVC
Wire Gauge	10 AWG	14 and 16 AWG
Electrical Ratings	25A/600V (4 P) 30A/600V (3 P)	10A/600V (4 P) 13A/600V (3 P)

Recognized to UL1977
* Rated to meet UL direct support requirements

Tees & Reducing Adapters

Providing access points for branch or drop circuits, Brad Power tees are key components for establishing a modular, scalable trunk and drop wiring topology. Tees with a drop connector provide an access point for branch circuits to field devices, while tees with a trunk connector split the main feeder circuit into sub-segments ▲

Part Number	Description
TC30C30-001	3P Trunk Tee
TC30130-001	3P Trunk Tee with Drop Connector
TC40C40-001	4P Trunk Tee
TC40140-001	4P Trunk Tee with Drop Connector
1C3030-001	3P Trunk Reducer to Female Drop Connector
1C4030-001	4P Trunk Reducer to Female Drop Connector

Tees & Reducer Specifications

	Trunk/Feeder	Drop/Branch
Connector Body	Gray PVC	Gray PVC
Insert	Black PVC	Black PVC
Receptacle Shell	Anodized aluminum	Zinc diecast, black e-coat
Contact	Copper	Gold over nickel plated
Electrical Ratings:		
Voltage	600V AC/DC	600V AC/DC
Max Input Current	25A (4 P), 30A (3 P)	-
Max Drop Current	25A (4 P), 30A (3 P)	10A (4 P), 13A(3 P)
Recognized to UL1977		