

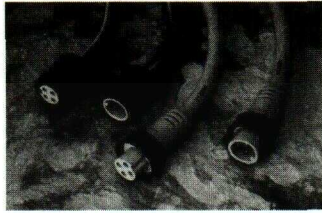


**CALL YOUR WOODHEAD  
REPRESENTATIVE TODAY!**

SEE PAGES 2-7



## QUICK-CHANGE™ CONNECTORS



Designed and built to deliver reliable, heavy-duty power in harsh industrial environments to motors up to 5 Hp. Meets the requirements of NEMA 4, 4X, 6 and 6P, plus IP 65, 67 and 68. Capable of withstanding hose-down pressures up to 1,000 psi.

### Product Specifications

#### MECHANICAL

|                        |                                                                                       |        |        |  |
|------------------------|---------------------------------------------------------------------------------------|--------|--------|--|
| MOLDED BODY MATERIAL:  | NITRILE                                                                               |        |        |  |
| CONTACT MATERIAL:      | BRASS                                                                                 |        |        |  |
| COUPLING NUT MATERIAL: | THERMOPLASTIC                                                                         |        |        |  |
| CABLE TYPE(S):         | 10/12/14 AWG: YELLOW, 600V, RUBBER JACKETED<br>105° C, U.L. RECOGNIZED, CSA CERTIFIED |        |        |  |
| CABLE TEMP. RANGE:     | -20° TO 105°C                                                                         |        |        |  |
| CABLE STRANDING:       | 14 AWG: 41 X #30<br>12 AWG: 65 X #30<br>10 AWG: 105 X #30                             |        |        |  |
| CABLE DIAMETERS:       | 14 AWG                                                                                | 12 AWG | 10 AWG |  |
|                        | 2/C .52IN.                                                                            | .60IN. | .65IN. |  |
|                        | 3/C .55IN.                                                                            | .62IN. | .69IN. |  |
|                        | 4/C .59IN.                                                                            | .68IN. | .74IN. |  |

#### ELECTRICAL

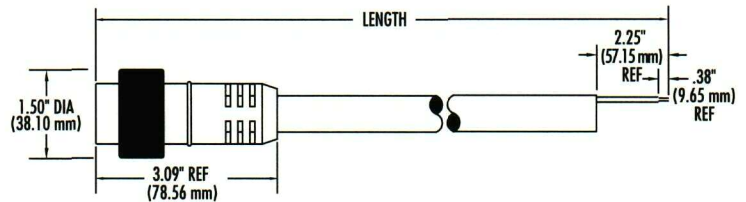
|                       |                    |
|-----------------------|--------------------|
| VOLTAGE RATING:       | 600VAC/600VDC      |
| CURRENT RATING:       | SEE ORDERING CHART |
| ISOLATION RESISTANCE: | ≥1000MΩ            |

#### ENVIRONMENTAL

|             |                |
|-------------|----------------|
| PROTECTION: | IP 68, NEMA 6P |
|-------------|----------------|

#### CERTIFICATIONS

|      |                                |
|------|--------------------------------|
| UL:  | UL RECOGNIZED, FILE NO. E46237 |
| CSA: | CSA CERTIFIED, FILE NO. LR6837 |



### Plugs

| Poles | Male View | Wiring Code                            | AWG Cable Size | Current Rating @600V | Cable Length | Male  | Female |
|-------|-----------|----------------------------------------|----------------|----------------------|--------------|-------|--------|
| 2     |           | 1-Black<br>2-White                     | #14            | 18A                  | 3ft./ .91m   | 32019 | 32022  |
|       |           |                                        |                |                      | 6ft./1.83m   | 32020 | 32023  |
|       |           |                                        |                |                      | 12ft./3.66m  | 32021 | 32024  |
|       |           |                                        |                | 25A                  | 3ft./ .91m   | 32026 | 32029  |
|       |           |                                        |                |                      | 6ft./1.83m   | 32027 | 32030  |
|       |           |                                        |                |                      | 12ft./3.66m  | 32028 | 32031  |
|       |           |                                        | #10            | 30A                  | 3ft./ .91m   | 32050 | 32053  |
|       |           |                                        |                |                      | 6ft./1.83m   | 32051 | 32054  |
|       |           |                                        |                |                      | 12ft./3.66m  | 32052 | 32055  |
| 3     |           | 1-Black<br>2-White<br>3-Green          | #14            | 18A                  | 3ft./ .91m   | 32319 | 32322  |
|       |           |                                        |                |                      | 6ft./1.83m   | 32320 | 32323  |
|       |           |                                        |                |                      | 12ft./3.66m  | 32321 | 32324  |
|       |           |                                        |                | 25A                  | 3ft./ .91m   | 32353 | 32342  |
|       |           |                                        |                |                      | 6ft./1.83m   | 32354 | 32350  |
|       |           |                                        |                |                      | 12ft./3.66m  | 32355 | 32356  |
|       |           |                                        | #10            | 30A                  | 3ft./ .91m   | 32404 | 32407  |
|       |           |                                        |                |                      | 6ft./1.83m   | 32405 | 32408  |
|       |           |                                        |                |                      | 12ft./3.66m  | 32406 | 32409  |
| 4     |           | 1-Black<br>2-Green<br>3-Red<br>4-White | #14            | 15A                  | 3ft./ .91m   | 32634 | 32637  |
|       |           |                                        |                |                      | 6ft./1.83m   | 32635 | 32638  |
|       |           |                                        |                |                      | 12ft./3.66m  | 32636 | 32639  |
|       |           |                                        |                | 20A                  | 3ft./ .91m   | 32650 | 32669  |
|       |           |                                        |                |                      | 6ft./1.83m   | 32676 | 32678  |
|       |           |                                        |                |                      | 12ft./3.66m  | 32677 | 32679  |
|       |           |                                        | #10            | 25A                  | 3ft./ .91m   | 32754 | 32757  |
|       |           |                                        |                |                      | 6ft./1.83m   | 32755 | 32758  |
|       |           |                                        |                |                      | 12ft./3.66m  | 32756 | 32759  |

#### Product Options

Aluminum version, add "AL" as suffix e.g. 32017 becomes 32017AL

Systems are a space-, time-, and cost-saving alternative to traditional hard wiring. With MPIS<sup>®</sup>, you eliminate knockouts, terminal strips, and sealing guards - protecting against potentially costly and destructive wiring errors. Optional L.E.D. displays make trouble-shooting fast and precise.

**Quick-Change<sup>®</sup> Connectors** Deliver heavy-duty power in harsh industrial environments. Used to quickly and safely replace motors from fractional through 5 H.P. on pumps, conveyors, cooling fans, mixers, grinders,

**BRAD HARRISON<sup>®</sup>**

#### Quick-Change<sup>®</sup> Welded Connectors

12mm and 16mm tubular proximity sensors  
Tubular photoelectric sensors  
Modular controls

Hydraulic or pneumatic cylinders  
Conveyors  
Pick 'n place robots

#### Quick-Change<sup>®</sup> Welded Connectors

Fractional through 5 H.P.  
Industrial motors

Conveyors  
Mixers, grinders, choppers  
Pumps  
Industrial saws

#### Multi-Port Interconnect Systems (MPIS<sup>®</sup>)

8, 12 and 16mm proximity sensors  
Miniature controls  
Limit switches  
Solenoids

Reliable for applications where  
consolidation of wiring is desirable

#### Safety Plugs

Die Molds  
Stamping

Forging and welding presses  
Benders to coil stock