



# Roughneck Single-Conductor Connectors

The ultimate performance solution,  
built to take heavy abuse under the  
most extreme conditions.

**COOPER** Interconnect



# Roughneck Applications, Features & Benefits

## High-amperage connectors for oil drilling applications

Roughneck connectors offer the ultimate performance solution for safety and reliability and can stand up to the rigors of drilling operations under the most extreme conditions.

### Applications

Roughneck plugs and receptacles are built to take heavy abuse while providing a simple, secure and safe connection.

Roughneck products are designed specifically for oil and gas drilling applications.

### Specifications

#### Electrical Ratings

- 1000 Volts, MAX AC/DC
- 1135 Amps Continuous (1300 Amps Intermittent)

#### Temperature Ratings

- -40° C to 125° C

#### Materials

- Cable Sizes: 313-777 MCM
- Insulator: Rubber
- Receptacle Shell: Epoxy powder coated aluminum alloy
- Hardware: Stainless steel
- Contact: Copper

#### Environmental

- NEMA 3

#### Certifications

- cURus: E73864



### Features

- 1 Receptacle bus bar can be mounted in the vertical, horizontal or 45° angle position for the ultimate in flexibility
  - 2 Industry exclusive stainless steel rotating latch provides a tool-free, secure connection. Also available in short throw configuration
  - 3 Lockout-Tagout compatible
  - 4 Epoxy, powder-coated shells provide superior corrosion resistance, color-coded to prevent cross-phasing
  - 5 Male contacts are equipped with Cam-Lok's safe front insulated tip
  - 6 Specially plated copper contacts provide minimum resistance and heating
- 
- The image shows two Roughneck connectors. The top one is black and shown from a side-on perspective with its latch open. The bottom one is grey and shown from a front-on perspective. Both have a cylindrical body and a flange at one end. Arrows point from the numbered text blocks to specific features on these connectors.

## Available Colors

Ten colors are available to provide easy circuit identification when mating plugs with receptacles. Color coding helps prevent reverse phasing on AC circuits or cross polarization on DC circuits to assure correct rotation of motors while providing for operator safety.

### Colors

White  
Yellow  
Orange  
Black  
Red  
Purple  
Grey  
Blue  
Green  
Brown

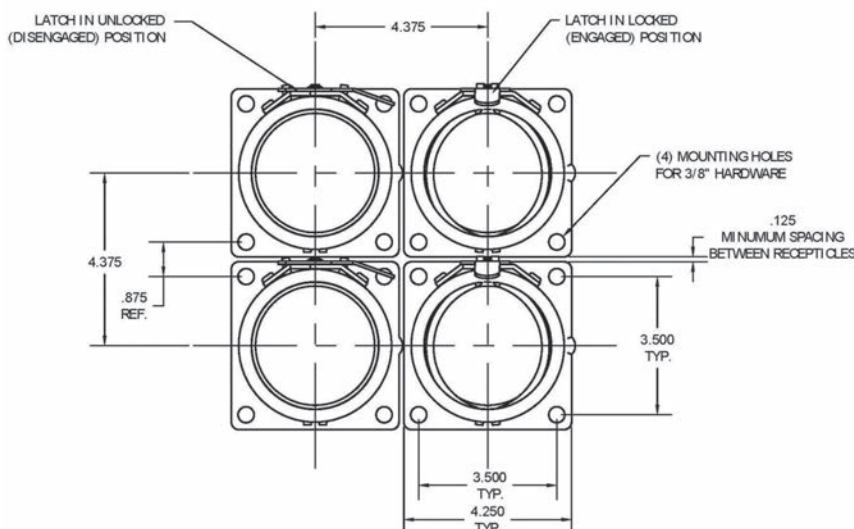


### AMPACITY RATING - 40°C AMBIENT

| CABLE SIZE | 90° C†   | 125° C†   |
|------------|----------|-----------|
| 313 MCM    | 513 AMPS | 636 AMPS  |
| 444 MCM    | 642 AMPS | 796 AMPS  |
| 535 MCM    | 724 AMPS | 898 AMPS  |
| 646 MCM    | 814 AMPS | 1009 AMPS |
| 777 MCM    | 916 AMPS | 1135 AMPS |

† Conductor temperature shall not exceed these ratings.

### Receptacle housing mounting pattern (rotating latch) (.125" minimum spacing required between receptacles)



## Roughneck Connectors

Cooper Interconnect's single-conductor Roughneck High-Amperage Connectors are rugged and weatherproof and provide a high level of indestructibility. They're built to take heavy abuse-resistant to wind, rain, mud, oil and sea water, yet they can be quickly connected and disconnected without any tools.

Specially designed to handle a variety of drilling applications, they can be quickly and safely connected to the switchgear, AC or DC sides of the SCR package and carry power to mud pumps and traction motors.

The latching device locks the halves together, eliminating the possibility of accidental disengagement, which can cause disruption of service and electrical shock hazards. The latching device is designed to permit insertion of a lockout/tagout device to provide additional security or the ability to padlock.

Safety - Roughneck Plugs and Receptacles feature totally shielded contacts. The rubber insulator extends past the ends of both male and female contacts for complete safety. Male contacts are equipped with an insulated tip to minimize potential shock hazard. Roughneck products provide the safest high amperage connector in the industry.

# Single Pole Connectors

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

## Roughneck E1049 Series Male & Female Plugs

Cable Size 313 MCM  
1000V AC/DC, Up to 636A Continuous  
NEMA 3

### Roughneck E1049 Series Hex Crimp or Solder

#### FEATURES

- Contacts machined from solid copper and specially plated for corrosion resistance and superior conductivity.
- Color-coded rubber insulator provides quick visual identification of circuit and phase connections.
- Watertight insulators provide maximum protection.
- Male and female contacts are assembled to cable with standard crimp tools.
- Drive pins on contacts securely lock it to the insulator.
- Male contacts are equipped with Safe Front Insulated Tip.



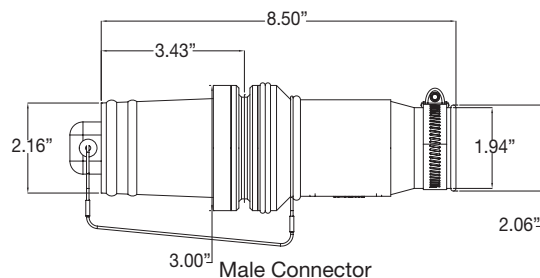
E1049-34

| MALE PLUGS                          |        |                                  |                         |                       |
|-------------------------------------|--------|----------------------------------|-------------------------|-----------------------|
| TYPE OF CONNECTION AND WIRE SIZE    | COLOR  | COMPLETE MALE CONNECTOR PART NO. | INSULATOR ONLY PART NO. | CONTACT ONLY PART NO. |
| HEXAGON CRIMP OR SOLDER FOR 313 MCM | Black  | E1049-31                         | A201106-1               | A201107-4             |
|                                     | Yellow | E1049-32                         | A201106-2               |                       |
|                                     | Red    | E1049-33                         | A201106-3               |                       |
|                                     | Orange | E1049-34                         | A201106-4               |                       |
|                                     | Green  | E1049-35                         | A201106-5               |                       |
|                                     | White  | E1049-36                         | A201106-6               |                       |
|                                     | Blue   | E1049-37                         | A201106-7               |                       |
|                                     | Brown  | E1049-38                         | A201106-8               |                       |
|                                     | Purple | E1049-39                         | A201106-20              |                       |
|                                     | Gray   | E1049-40                         | A201106-21              |                       |

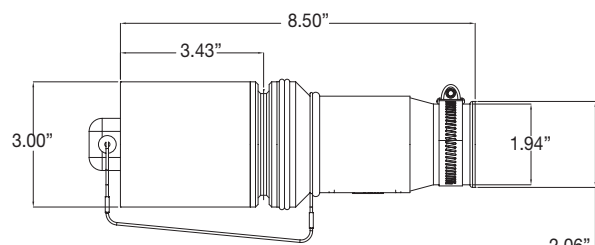


E1049-82

| FEMALE PLUGS                        |        |                                    |                         |                       |
|-------------------------------------|--------|------------------------------------|-------------------------|-----------------------|
| TYPE OF CONNECTION AND WIRE SIZE    | COLOR  | COMPLETE FEMALE CONNECTOR PART NO. | INSULATOR ONLY PART NO. | CONTACT ONLY PART NO. |
| HEXAGON CRIMP OR SOLDER FOR 313 MCM | Black  | E1049-80                           | A201100-1               | A201103-4             |
|                                     | Yellow | E1049-81                           | A201100-2               |                       |
|                                     | Red    | E1049-82                           | A201100-3               |                       |
|                                     | Orange | E1049-83                           | A201100-4               |                       |
|                                     | Green  | E1049-84                           | A201100-5               |                       |
|                                     | White  | E1049-85                           | A201100-6               |                       |
|                                     | Blue   | E1049-86                           | A201100-7               |                       |
|                                     | Brown  | E1049-87                           | A201100-8               |                       |
|                                     | Purple | E1049-88                           | A201100-25              |                       |
|                                     | Gray   | E1049-89                           | A201100-26              |                       |



Male Connector



Female Connector

#### TESTING & CODE COMPLIANCE

- cURus: E73864

#### MATERIAL CHARACTERISTICS

- Insulator: Rubber
- Environmental: NEMA 3
- Temperature Rating: -40° C to 125° C

# Single Pole Connectors

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

## Roughneck E1049 Series Male & Female Plugs

Cable Size 444 MCM  
1000V AC/DC, Up to 796A Continuous  
NEMA 3

### Roughneck E1049 Series Hex Crimp or Solder

#### FEATURES

- Contacts machined from solid copper and specially plated for corrosion resistance and superior conductivity.
- Color-coded rubber insulator provides quick visual identification of circuit and phase connections.
- Watertight insulators provide maximum protection.
- Male and female contacts are assembled to cable with standard crimp tools.
- Drive pins on contacts securely lock it to the insulator.
- Male contacts are equipped with Safe Front Insulated Tip.

| MALE PLUGS                          |        |                                  |                         |                       |
|-------------------------------------|--------|----------------------------------|-------------------------|-----------------------|
| TYPE OF CONNECTION AND WIRE SIZE    | COLOR  | COMPLETE MALE CONNECTOR PART NO. | INSULATOR ONLY PART NO. | CONTACT ONLY PART NO. |
| HEXAGON CRIMP OR SOLDER FOR 444 MCM | Black  | E1049-201                        | A201106-1               | A201107-8             |
|                                     | Yellow | E1049-202                        | A201106-2               |                       |
|                                     | Red    | E1049-203                        | A201106-3               |                       |
|                                     | Orange | E1049-204                        | A201106-4               |                       |
|                                     | Green  | E1049-205                        | A201106-5               |                       |
|                                     | White  | E1049-206                        | A201106-6               |                       |
|                                     | Blue   | E1049-207                        | A201106-7               |                       |
|                                     | Brown  | E1049-208                        | A201106-8               |                       |
|                                     | Purple | E1049-209                        | A201106-20              |                       |
|                                     | Gray   | E1049-210                        | A201106-21              |                       |

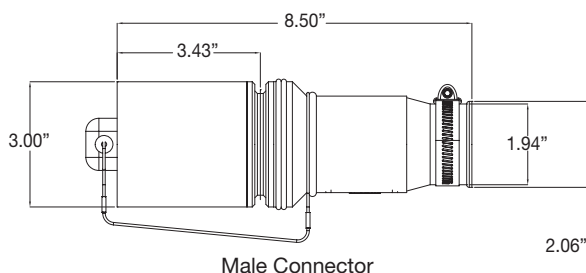


E1049-210

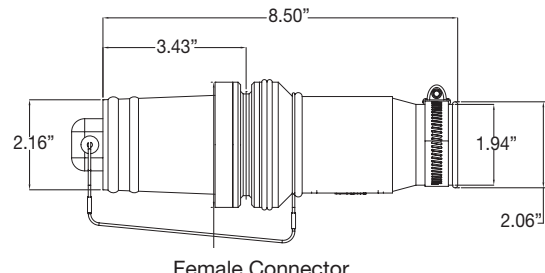
| FEMALE PLUGS                        |        |                                    |                         |                       |
|-------------------------------------|--------|------------------------------------|-------------------------|-----------------------|
| TYPE OF CONNECTION AND WIRE SIZE    | COLOR  | COMPLETE FEMALE CONNECTOR PART NO. | INSULATOR ONLY PART NO. | CONTACT ONLY PART NO. |
| HEXAGON CRIMP OR SOLDER FOR 444 MCM | Black  | E1049-250                          | A201100-1               | A201103-8             |
|                                     | Yellow | E1049-251                          | A201100-2               |                       |
|                                     | Red    | E1049-252                          | A201100-3               |                       |
|                                     | Orange | E1049-253                          | A201100-4               |                       |
|                                     | Green  | E1049-254                          | A201100-5               |                       |
|                                     | White  | E1049-255                          | A201100-6               |                       |
|                                     | Blue   | E1049-256                          | A201100-7               |                       |
|                                     | Brown  | E1049-257                          | A201100-8               |                       |
|                                     | Purple | E1049-258                          | A201100-25              |                       |
|                                     | Gray   | E1049-259                          | A201100-26              |                       |



E1049-256



Male Connector



Female Connector

#### TESTING & CODE COMPLIANCE

- cURus: E73864

#### MATERIAL CHARACTERISTICS

- Insulator: Rubber
- Environmental: NEMA 3
- Temperature Rating: -40° C to 125° C

# Single Pole Connectors

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

## Roughneck E1049 Series Male & Female Plugs

Cable Size 535 MCM  
1000V AC/DC, Up to 898A Continuous  
NEMA 3

### Roughneck E1049 Series Hex Crimp or Solder

#### FEATURES

- Contacts machined from solid copper and specially plated for corrosion resistance and superior conductivity.
- Color-coded rubber insulator provides quick visual identification of circuit and phase connections.
- Watertight insulators provide maximum protection.
- Male and female contacts are assembled to cable with standard crimp tools.
- Drive pins on contacts securely lock it to the insulator.
- Male contacts are equipped with Safe Front Insulated Tip.



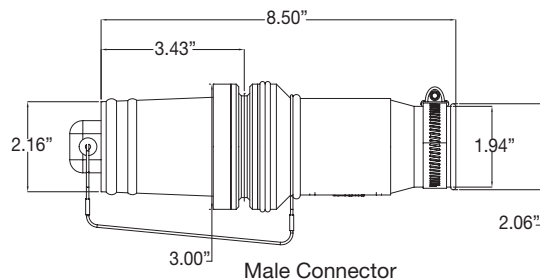
E1049-10

| MALE PLUGS                          |        |                                  |                         |                       |
|-------------------------------------|--------|----------------------------------|-------------------------|-----------------------|
| TYPE OF CONNECTION AND WIRE SIZE    | COLOR  | COMPLETE MALE CONNECTOR PART NO. | INSULATOR ONLY PART NO. | CONTACT ONLY PART NO. |
| HEXAGON CRIMP OR SOLDER FOR 535 MCM | Black  | E1049-1                          | A201106-1               | A201107-1             |
|                                     | Yellow | E1049-2                          | A201106-2               |                       |
|                                     | Red    | E1049-3                          | A201106-3               |                       |
|                                     | Orange | E1049-4                          | A201106-4               |                       |
|                                     | Green  | E1049-5                          | A201106-5               |                       |
|                                     | White  | E1049-6                          | A201106-6               |                       |
|                                     | Blue   | E1049-7                          | A201106-7               |                       |
|                                     | Brown  | E1049-8                          | A201106-8               |                       |
|                                     | Purple | E1049-9                          | A201106-20              |                       |
|                                     | Gray   | E1049-10                         | A201106-21              |                       |

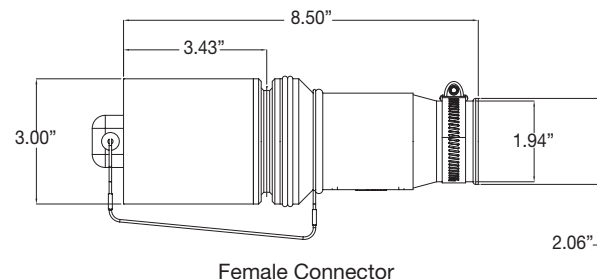


E1049-58

| FEMALE PLUGS                        |        |                                    |                         |                       |
|-------------------------------------|--------|------------------------------------|-------------------------|-----------------------|
| TYPE OF CONNECTION AND WIRE SIZE    | COLOR  | COMPLETE FEMALE CONNECTOR PART NO. | INSULATOR ONLY PART NO. | CONTACT ONLY PART NO. |
| HEXAGON CRIMP OR SOLDER FOR 535 MCM | Black  | E1049-50                           | A201100-1               | A201103-1             |
|                                     | Yellow | E1049-51                           | A201100-2               |                       |
|                                     | Red    | E1049-52                           | A201100-3               |                       |
|                                     | Orange | E1049-53                           | A201100-4               |                       |
|                                     | Green  | E1049-54                           | A201100-5               |                       |
|                                     | White  | E1049-55                           | A201100-6               |                       |
|                                     | Blue   | E1049-56                           | A201100-7               |                       |
|                                     | Brown  | E1049-57                           | A201100-8               |                       |
|                                     | Purple | E1049-58                           | A201100-25              |                       |
|                                     | Gray   | E1049-59                           | A201100-26              |                       |



Male Connector



Female Connector

#### TESTING & CODE COMPLIANCE

- cURus: E73864

#### MATERIAL CHARACTERISTICS

- Insulator: Rubber
- Environmental: NEMA 3
- Temperature Rating: -40° C to 125° C

# Single Pole Connectors

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

## Roughneck E1049 Series Male & Female Plugs

Cable Size 646 MCM  
1000V AC/DC, Up to 1009A Continuous  
NEMA 3

### Roughneck E1049 Series Hex Crimp or Solder

#### FEATURES

- Contacts machined from solid copper and specially plated for corrosion resistance and superior conductivity.
- Color-coded rubber insulator provides quick visual identification of circuit and phase connections.
- Watertight insulators provide maximum protection.
- Male and female contacts are assembled to cable with standard crimp tools.
- Drive pins on contacts securely lock it to the insulator.
- Male contacts are equipped with Safe Front Insulated Tip.

| MALE PLUGS                          |        |                                  |                         |                       |
|-------------------------------------|--------|----------------------------------|-------------------------|-----------------------|
| TYPE OF CONNECTION AND WIRE SIZE    | COLOR  | COMPLETE MALE CONNECTOR PART NO. | INSULATOR ONLY PART NO. | CONTACT ONLY PART NO. |
| HEXAGON CRIMP OR SOLDER FOR 646 MCM | Black  | E1049-11                         | A201106-1               | A201107-2             |
|                                     | Yellow | E1049-12                         | A201106-2               |                       |
|                                     | Red    | E1049-13                         | A201106-3               |                       |
|                                     | Orange | E1049-14                         | A201106-4               |                       |
|                                     | Green  | E1049-15                         | A201106-5               |                       |
|                                     | White  | E1049-16                         | A201106-6               |                       |
|                                     | Blue   | E1049-17                         | A201106-7               |                       |
|                                     | Brown  | E1049-18                         | A201106-8               |                       |
|                                     | Purple | E1049-19                         | A201106-20              |                       |
|                                     | Gray   | E1049-20                         | A201106-21              |                       |

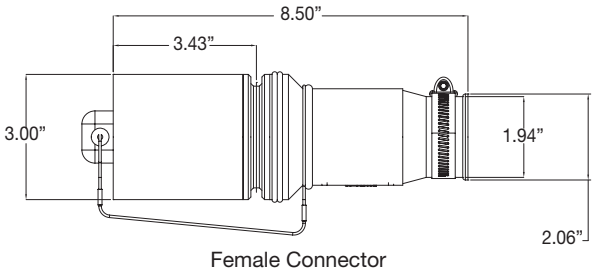
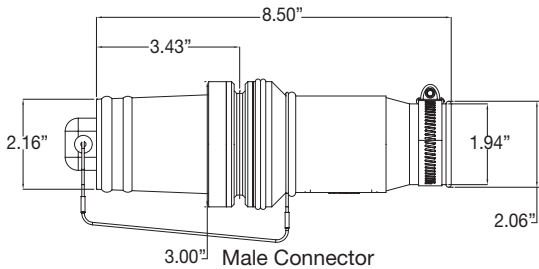


E1049-14

| FEMALE PLUGS                        |        |                                    |                         |                       |
|-------------------------------------|--------|------------------------------------|-------------------------|-----------------------|
| TYPE OF CONNECTION AND WIRE SIZE    | COLOR  | COMPLETE FEMALE CONNECTOR PART NO. | INSULATOR ONLY PART NO. | CONTACT ONLY PART NO. |
| HEXAGON CRIMP OR SOLDER FOR 646 MCM | Black  | E1049-60                           | A201100-1               | A201103-2             |
|                                     | Yellow | E1049-61                           | A201100-2               |                       |
|                                     | Red    | E1049-62                           | A201100-3               |                       |
|                                     | Orange | E1049-63                           | A201100-4               |                       |
|                                     | Green  | E1049-64                           | A201100-5               |                       |
|                                     | White  | E1049-65                           | A201100-6               |                       |
|                                     | Blue   | E1049-66                           | A201100-7               |                       |
|                                     | Brown  | E1049-67                           | A201100-8               |                       |
|                                     | Purple | E1049-68                           | A201100-25              |                       |
|                                     | Gray   | E1049-69                           | A201100-26              |                       |



E1049-64



#### TESTING & CODE COMPLIANCE

- cURus: E73864

#### MATERIAL CHARACTERISTICS

- Insulator: Rubber
- Environmental: NEMA 3
- Temperature Rating: -40° C to 125° C

# Single Pole Connectors

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

## Roughneck E1049 Series Male & Female Plugs

Cable Size 777 MCM  
1000V AC/DC, Up to 1135A Continuous  
NEMA 3

### Roughneck E1049 Series Hex Crimp or Solder

#### FEATURES

- Contacts machined from solid copper and specially plated for corrosion resistance and superior conductivity.
- Color-coded rubber insulator provides quick visual identification of circuit and phase connections.
- Watertight insulators provide maximum protection.
- Male and female contacts are assembled to cable with standard crimp tools.
- Drive pins on contacts securely lock it to the insulator.
- Male contacts are equipped with Safe Front Insulated Tip.



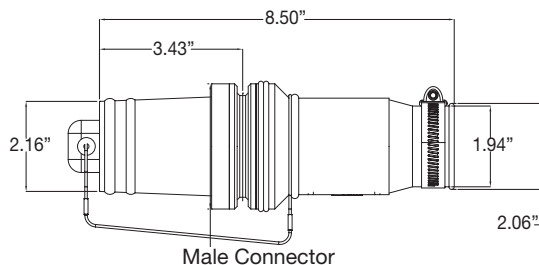
E1049-29

| MALE PLUGS                          |        |                                  |                         |                       |
|-------------------------------------|--------|----------------------------------|-------------------------|-----------------------|
| TYPE OF CONNECTION AND WIRE SIZE    | COLOR  | COMPLETE MALE CONNECTOR PART NO. | INSULATOR ONLY PART NO. | CONTACT ONLY PART NO. |
| HEXAGON CRIMP OR SOLDER FOR 777 MCM | Black  | E1049-21                         | A201106-1               | A201107-3             |
|                                     | Yellow | E1049-22                         | A201106-2               |                       |
|                                     | Red    | E1049-23                         | A201106-3               |                       |
|                                     | Orange | E1049-24                         | A201106-4               |                       |
|                                     | Green  | E1049-25                         | A201106-5               |                       |
|                                     | White  | E1049-26                         | A201106-6               |                       |
|                                     | Blue   | E1049-27                         | A201106-7               |                       |
|                                     | Brown  | E1049-28                         | A201106-8               |                       |
|                                     | Purple | E1049-29                         | A201106-20              |                       |
|                                     | Gray   | E1049-30                         | A201106-21              |                       |

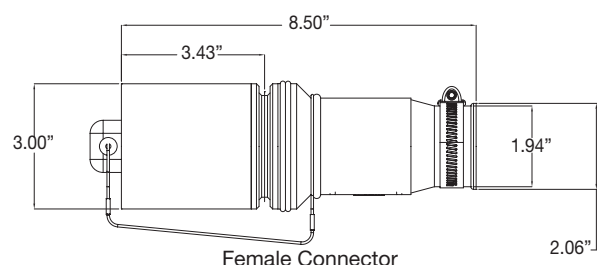


E1049-76

| FEMALE PLUGS                        |        |                                    |                         |                       |
|-------------------------------------|--------|------------------------------------|-------------------------|-----------------------|
| TYPE OF CONNECTION AND WIRE SIZE    | COLOR  | COMPLETE FEMALE CONNECTOR PART NO. | INSULATOR ONLY PART NO. | CONTACT ONLY PART NO. |
| HEXAGON CRIMP OR SOLDER FOR 777 MCM | Black  | E1049-70                           | A201100-1               | A201103-3             |
|                                     | Yellow | E1049-71                           | A201100-2               |                       |
|                                     | Red    | E1049-72                           | A201100-3               |                       |
|                                     | Orange | E1049-73                           | A201100-4               |                       |
|                                     | Green  | E1049-74                           | A201100-5               |                       |
|                                     | White  | E1049-75                           | A201100-6               |                       |
|                                     | Blue   | E1049-76                           | A201100-7               |                       |
|                                     | Brown  | E1049-77                           | A201100-8               |                       |
|                                     | Purple | E1049-78                           | A201100-25              |                       |
|                                     | Gray   | E1049-79                           | A201100-26              |                       |



Male Connector



Female Connector

#### TESTING & CODE COMPLIANCE

- cURus: E73864

#### MATERIAL CHARACTERISTICS

- Insulator: Rubber
- Environmental: NEMA 3
- Temperature Rating: -40° C to 125° C

# Single Pole Connectors

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

## Roughneck E1049 Series Receptacles

Cable Size 313-777 MCM  
1000V AC/DC 1135 A  
NEMA 3

### Roughneck Receptacles Single and Double Hole Bus Bar - Rotating Latch

#### FEATURES

- Colored coded receptacle housings are designed to provide easy circuit identification.
- Epoxy powder shell coating provides superior corrosion resistance.
- Receptacle housing allows bus bar positioning at vertical, horizontal and 45° to ease cable routing.
- Receptacle assembly provides 360° mounting capabilities.
- Ten standard colors available.
- Locking Device is Lock-out compatible.
- Dust cover is secured to the receptacle housing.
- Stainless Steel Hardware.
- Recessed contacts protected by insulating jacket that extends beyond contact ends for safety.

| FEMALE DOUBLE HOLE BUS BAR |                  |                  |        | FEMALE SINGLE HOLE BUS BAR |                  |                  |
|----------------------------|------------------|------------------|--------|----------------------------|------------------|------------------|
| COMPLETE ASSEMBLY          | HOUSING ASSEMBLY | CONTACT ASSEMBLY | COLOR  | COMPLETE ASSEMBLY          | HOUSING ASSEMBLY | CONTACT ASSEMBLY |
| E1049-1833X-BK             | 3326695-1        | A201108-9        | BLACK  | E1049-1825X-BK             | 3326695-1        | A201108-1        |
| E1049-1834X-Y              | 3326695-2        | A201108-10       | YELLOW | E1049-1826X-Y              | 3326695-2        | A201108-2        |
| E1049-1835X-R              | 3326695-3        | A201108-11       | RED    | E1049-1827X-R              | 3326695-3        | A201108-3        |
| E1049-1836X-OR             | 3326695-4        | A201108-12       | ORANGE | E1049-1828X-OR             | 3326695-4        | A201108-4        |
| E1049-1837X-G              | 3326695-5        | A201108-13       | GREEN  | E1049-1829X-G              | 3326695-5        | A201108-5        |
| E1049-1838X-W              | 3326695-6        | A201108-14       | WHITE  | E1049-1830X-W              | 3326695-6        | A201108-6        |
| E1049-1839X-BL             | 3326695-7        | A201108-15       | BLUE   | E1049-1831X-BL             | 3326695-7        | A201108-7        |
| E1049-1840X-BR             | 3326695-8        | A201108-16       | BROWN  | E1049-1832X-BR             | 3326695-8        | A201108-8        |
| E1049-1822X-PR             | 3326695-9        | A201108-19       | PURPLE | E1049-1820X-PR             | 3326695-9        | A201108-17       |
| E1049-1823X-GY             | 3326695-10       | A201108-20       | GRAY   | E1049-1821X-GY             | 3326695-10       | A201108-18       |



E1049-1835X-R

| MALE DOUBLE HOLE BUS BAR |                  |                  |        | MALE SINGLE HOLE BUS BAR |                  |                  |
|--------------------------|------------------|------------------|--------|--------------------------|------------------|------------------|
| COMPLETE ASSEMBLY        | HOUSING ASSEMBLY | CONTACT ASSEMBLY | COLOR  | COMPLETE ASSEMBLY        | HOUSING ASSEMBLY | CONTACT ASSEMBLY |
| E1049-1808X-BK           | 3326695-1        | A201099-9        | BLACK  | E1049-1800X-BK           | 3326695-1        | A201099-1        |
| E1049-1809X-Y            | 3326695-2        | A201099-10       | YELLOW | E1049-1801X-Y            | 3326695-2        | A201099-2        |
| E1049-1810X-R            | 3326695-3        | A201099-11       | RED    | E1049-1802X-R            | 3326695-3        | A201099-3        |
| E1049-1811X-OR           | 3326695-4        | A201099-12       | ORANGE | E1049-1803X-OR           | 3326695-4        | A201099-4        |
| E1049-1812X-G            | 3326695-5        | A201099-13       | GREEN  | E1049-1804X-G            | 3326695-5        | A201099-5        |
| E1049-1813X-W            | 3326695-6        | A201099-14       | WHITE  | E1049-1805X-W            | 3326695-6        | A201099-6        |
| E1049-1814X-BL           | 3326695-7        | A201099-15       | BLUE   | E1049-1806X-BL           | 3326695-7        | A201099-7        |
| E1049-1815X-BR           | 3326695-8        | A201099-16       | BROWN  | E1049-1807X-BR           | 3326695-8        | A201099-8        |
| E1049-1818X-PR           | 3326695-9        | A201099-19       | PURPLE | E1049-1816X-PR           | 3326695-9        | A201099-17       |
| E1049-1819X-GY           | 3326695-10       | A201099-20       | GRAY   | E1049-1817X-GY           | 3326695-10       | A201099-18       |



E1049-1808X-BK

Receptacle assembly part numbers include the insulator, receptacle housing, gasket and dust cover.  
Dust cover receptacle male or female part number A201113-5.

#### TESTING & CODE COMPLIANCE

- cURus: E73864

#### MATERIAL CHARACTERISTICS

- Receptacle body: Rubber
- Environmental: NEMA 3
- Temperature Rating: -40° C to 125° C

# Single Pole Connectors

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

## Roughneck E1049 Series Receptacles

Cable Size 313-777 MCM  
1000V AC/DC 1135 A  
NEMA 3

### Roughneck Receptacles Single and Double Hole Bus Bar - Short Throw Latch

#### FEATURES

- Colored coded receptacle housings are designed to provide easy circuit identification.
- Epoxy powder shell coating provides superior corrosion resistance.
- Receptacle housing allows bus bar positioning at vertical, horizontal and 45° to ease cable routing.
- Receptacle assembly provides 360° mounting capabilities.
- Ten standard colors available.
- Locking Device is Lock-out compatible.
- Dust cover can be secured to the receptacle housing.
- Stainless Steel Hardware.
- Recessed contacts protected by insulating jacket that extends beyond contact ends for safety.



A201108-9

| FEMALE DOUBLE HOLE BUS BAR |                  |                  |        | FEMALE SINGLE HOLE BUS BAR |                  |                  |
|----------------------------|------------------|------------------|--------|----------------------------|------------------|------------------|
| COMPLETE ASSEMBLY          | HOUSING ASSEMBLY | CONTACT ASSEMBLY | COLOR  | COMPLETE ASSEMBLY          | HOUSING ASSEMBLY | CONTACT ASSEMBLY |
| E1049-1833ST-BK            | 3326695-1ST      | A201108-9        | BLACK  | E1049-1825ST-BK            | 3326695-1ST      | A201108-1        |
| E1049-1834ST-Y             | 3326695-2ST      | A201108-10       | YELLOW | E1049-1826ST-Y             | 3326695-2ST      | A201108-2        |
| E1049-1835ST-R             | 3326695-3ST      | A201108-11       | RED    | E1049-1827ST-R             | 3326695-3ST      | A201108-3        |
| E1049-1836ST-OR            | 3326695-4ST      | A201108-12       | ORANGE | E1049-1828ST-OR            | 3326695-4ST      | A201108-4        |
| E1049-1837ST-G             | 3326695-5ST      | A201108-13       | GREEN  | E1049-1829ST-G             | 3326695-5ST      | A201108-5        |
| E1049-1838ST-W             | 3326695-6ST      | A201108-14       | WHITE  | E1049-1830ST-W             | 3326695-6ST      | A201108-6        |
| E1049-1839ST-BL            | 3326695-7ST      | A201108-15       | BLUE   | E1049-1831ST-BL            | 3326695-7ST      | A201108-7        |
| E1049-1840ST-BR            | 3326695-8ST      | A201108-16       | BROWN  | E1049-1832ST-BR            | 3326695-8ST      | A201108-8        |
| E1049-1822ST-PR            | 3326695-9ST      | A201108-19       | PURPLE | E1049-1820ST-PR            | 3326695-9ST      | A201108-17       |
| E1049-1823ST-GY            | 3326695-10ST     | A201108-20       | GRAY   | E1049-1821ST-GY            | 3326695-10ST     | A201108-18       |



A201099-15

| MALE DOUBLE HOLE BUS BAR |                  |                  |        | MALE SINGLE HOLE BUS BAR |                  |                  |
|--------------------------|------------------|------------------|--------|--------------------------|------------------|------------------|
| COMPLETE ASSEMBLY        | HOUSING ASSEMBLY | CONTACT ASSEMBLY | COLOR  | COMPLETE ASSEMBLY        | HOUSING ASSEMBLY | CONTACT ASSEMBLY |
| E1049-1808ST-BK          | 3326695-1ST      | A201099-9        | BLACK  | E1049-1800ST-BK          | 3326695-1ST      | A201099-1        |
| E1049-1809ST-Y           | 3326695-2ST      | A201099-10       | YELLOW | E1049-1801ST-Y           | 3326695-2ST      | A201099-2        |
| E1049-1810ST-R           | 3326695-3ST      | A201099-11       | RED    | E1049-1802ST-R           | 3326695-3ST      | A201099-3        |
| E1049-1811ST-OR          | 3326695-4ST      | A201099-12       | ORANGE | E1049-1803ST-OR          | 3326695-4ST      | A201099-4        |
| E1049-1812ST-G           | 3326695-5ST      | A201099-13       | GREEN  | E1049-1804ST-G           | 3326695-5ST      | A201099-5        |
| E1049-1813ST-W           | 3326695-6ST      | A201099-14       | WHITE  | E1049-1805ST-W           | 3326695-6ST      | A201099-6        |
| E1049-1814ST-BL          | 3326695-7ST      | A201099-15       | BLUE   | E1049-1806ST-BL          | 3326695-7ST      | A201099-7        |
| E1049-1815ST-BR          | 3326695-8ST      | A201099-16       | BROWN  | E1049-1807ST-BR          | 3326695-8ST      | A201099-8        |
| E1049-1818ST-PR          | 3326695-9ST      | A201099-19       | PURPLE | E1049-1816ST-PR          | 3326695-9ST      | A201099-17       |
| E1049-1819ST-GY          | 3326695-10ST     | A201099-20       | GRAY   | E1049-1817ST-GY          | 3326695-10ST     | A201099-18       |

Receptacle assembly part numbers include the insulator, receptacle housing, gasket and dust cover.  
Dust cover receptacle male or female part number A201113-1.

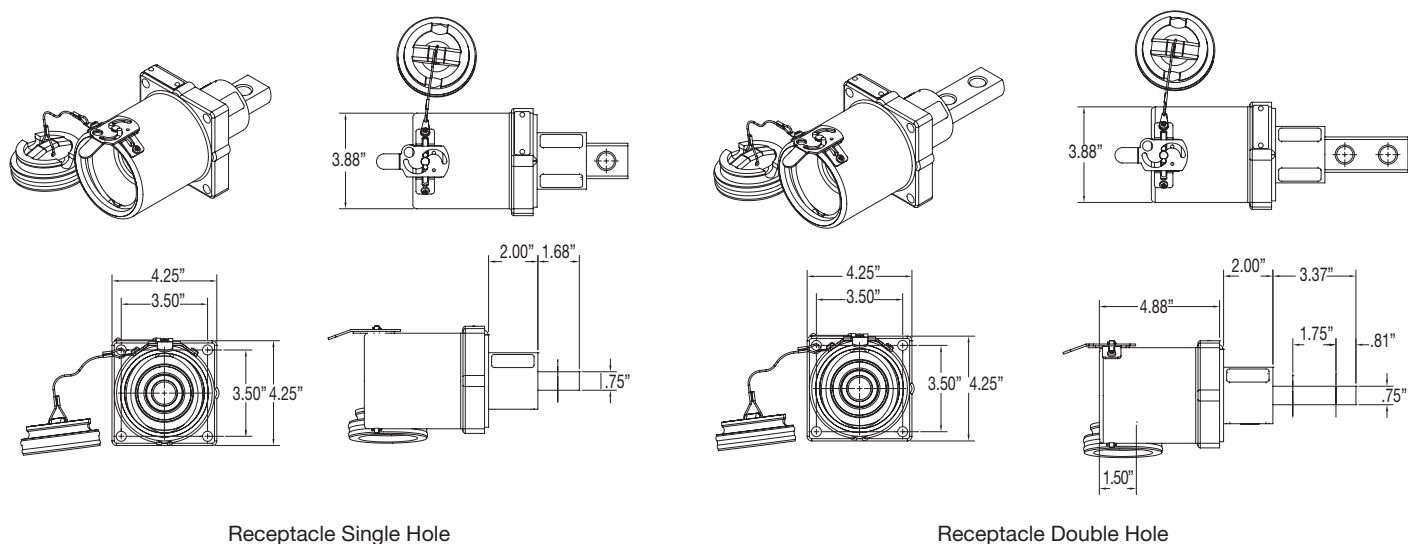
#### TESTING & CODE COMPLIANCE

- cURus: E73864

#### MATERIAL CHARACTERISTICS

- Receptacle body: Rubber
- Environmental: NEMA 3
- Temperature Rating: -40° C to 125° C

| ROUGHNECK ACCESSORIES |                                     |           |                                        |
|-----------------------|-------------------------------------|-----------|----------------------------------------|
| PART NO.              | DESCRIPTION                         | PART NO.  | DESCRIPTION                            |
| K3326821              | Receptacle Repair Kit - Short Throw | 201115    | Gasket for Receptacle Housing          |
| A101058-2             | Clevis Pin for Coupler              | A201120-1 | Lockout Kit for Padlocking Receptacle  |
| 100312-2              | Adhesive, 8 oz. Can                 | A201096-1 | Coupler for Mating Male to Female Plug |
| A201113-1             | Receptacle Dust Cover - Short Throw | A201113-5 | Receptacle Dust Cover - Rotating Latch |
| A201113-2             | Dust Cover for Male Plug, Black     | 319735-1  | Neoprene Vulcanizing Tape              |
| A201114-2             | Dust Cover for Female Plug, Black   |           |                                        |





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