

## Industrial plugs and sockets >50V

### > WATERTIGHT AND SPLASHPROOF PIN AND SLEEVE DEVICES IP67 AND IP44 - 30A

EUREKA-HD Series

UL LISTED  
E238171, E238172

UL CLASSIFIED  
E238170



(For approvals see page A-19)



### 30A - WATERTIGHT - IP67

| Poles & Wires | Configuration                                                                       |                                                                                     |                | Voltage/ Colour Coding | Plug       | Connector  | Cable O.D. Range Inches | Receptacle | Inlet      |
|---------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------|------------------------|------------|------------|-------------------------|------------|------------|
|               | Receptacle/ Connector                                                               | Plug/ Inlet                                                                         | Clock position |                        |            |            |                         |            |            |
| 2P 3W         |    |    | 4h             | 125                    | SCM330P4W  | SCM330C4W  | .675-.91                | SCM330R4W  | SCM330B4W  |
| 2P 3W         |    |    | 6h             | 250                    | SCM330P6W  | SCM330C6W  | .675-.91                | SCM330R6W  | SCM330B6W  |
| 2P 3W         |    |    | 7h             | 480                    | SCM330P7W  | SCM330C7W  | .675-.91                | SCM330R7W  | SCM330B7W  |
| 3P 4W         |    |    | 12h            | 125/250                | SCM430P12W | SCM430C12W | .675-.91                | SCM430R12W | SCM430B12W |
| 3P 4W         |    |    | 9h             | 3Ø250                  | SCM430P9W  | SCM430C9W  | .675-.91                | SCM430R9W  | SCM430B9W  |
| 3P 4W         |  |  | 7h             | 3Ø480                  | SCM430P7W  | SCM430C7W  | .675-.91                | SCM430R7W  | SCM430B7W  |
| 3P 4W         |  |  | 5h             | 3Ø600                  | SCM430P5W  | SCM430C5W  | .675-.91                | SCM430R5W  | SCM430B5W  |
| 4P 5W         |  |  | 9h             | 3ØY120/208             | SCM530P9W  | SCM530C9W  | .675-.91                | SCM530R9W  | SCM530B9W  |
| 4P 5W         |  |  | 7h             | 3ØY277/480             | SCM530P7W  | SCM530C7W  | .675-.91                | SCM530R7W  | SCM530B7W  |
| 4P 5W         |  |  | 5h             | 3ØY347/600             | SCM530P5W  | SCM530C5W  | .675-.91                | SCM530R5W  | SCM530B5W  |

### 30A - SPLASHPROOF - IP44

|       |                                                                                     |                                                                                     |     |             |            |            |          |            |            |
|-------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----|-------------|------------|------------|----------|------------|------------|
| 2P 3W |  |  | 4h  | 125         | SCM330P4S  | SCM330C4S  | .675-.91 | SCM330R4S  | SCM330B4S  |
| 2P 3W |  |  | 6h  | 250         | SCM330P6S  | SCM330C6S  | .675-.91 | SCM330R6S  | SCM330B6S  |
| 2P 3W |  |  | 5h  | 277         | SCM330P5S  | SCM330C5S  | .675-.91 | SCM330R5S  | SCM330B5S  |
| 3P 4W |  |  | 12h | 125/250     | SCM430P12S | SCM430C12S | .675-.91 | SCM430R12S | SCM430B12S |
| 3P 4W |  |  | 9h  | 3ph.250     | SCM430P9S  | SCM430C9S  | .675-.91 | SCM430R9S  | SCM430B9S  |
| 4P 5W |  |  | 9h  | 3ph.120/208 | SCM530P9S  | SCM530C9S  | .675-.91 | SCM530R9S  | SCM530B9S  |

## EUREKA-HD Series

### Watertight and splashproof IEC

A

#### > PIN AND SLEEVE DEVICES



#### > VERSIONS



Plugs and connectors



Appliance inlets



Receptacle



Accessories Back Box and closure caps

#### > TECHNICAL CHARACTERISTICS FOR BACK BOX

|                                     |                      |
|-------------------------------------|----------------------|
| Protection degree (IEC 60529):      | <b>IP66/IP67</b>     |
| Operating temperature:              | <b>-25°C +40°C</b>   |
| Max. operating temperature:         | <b>+70°C</b>         |
| Self-extinguishing (IEC 60695-2-1): | <b>GW test 850°C</b> |
| Self-extinguishing (UL94):          | <b>V2 (3,2mm)</b>    |
| Material:                           | <b>Polyamide 6</b>   |
| IK degree at 20°C (EN 50102):       | <b>IK10 (20J)</b>    |

#### > REFERENCE STANDARDS

##### IEC 60309-1

Plugs, socket-outlets and couplers for industrial purposes.  
*Part 1: general requirements.*

##### IEC 60309-2

Plugs, socket-outlets and couplers for industrial purposes  
*Part 2: dimensional interchangeability requirements for pin and contact-tube accessories of harmonised configurations.*

##### UL 1682

Plugs, receptacles and cable connectors of the pin and sleeve type.

##### UL 1686

Standard for pin and sleeve configuration.



#### > QUALITY MARKS

UL LISTED:  
E238171, E238172



UL CLASSIFIED:  
E238170



For specific quality marks please contact our technical service.

#### > TECHNICAL CHARACTERISTICS FOR PIN & SLEEVE

|                                                            |                                                                                       |
|------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Rated current:                                             | <b>16A - 32A - 63A - 125A (SERIES I)</b><br><b>20A - 30A - 60A - 100A (SERIES II)</b> |
| Rated voltage:                                             | <b>100÷690V~</b>                                                                      |
| Frequency:                                                 | <b>D.C. - 50÷500Hz</b>                                                                |
| Insulating voltage:                                        | <b>500/690V~</b>                                                                      |
| Protection degree (IEC 60529):                             | <b>IP44 - IP67</b>                                                                    |
| Operating temperature according to the reference standard: | <b>-25°C + 40°C</b>                                                                   |
| Max. operating temperature:                                | <b>+70°C</b>                                                                          |
| Self-extinguishing (IEC 60695-2-1):                        | <b>GW test 650°C / 850°C</b>                                                          |
| Self-extinguishing (UL94):                                 | <b>V1 (3mm)</b>                                                                       |
| Material:                                                  | <b>VALOX®</b>                                                                         |
| IK degree at 20°C (EN 50102):                              | <b>IK10 (20J)</b>                                                                     |

## EUREKA-HD Series

### > BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

| Saline solution | Acids              |           | Bases              |           | Solvents      |               |               |                    | Mineral oil | UV rays   |
|-----------------|--------------------|-----------|--------------------|-----------|---------------|---------------|---------------|--------------------|-------------|-----------|
|                 | Concentrated       | Diluted   | Concentrated       | Diluted   | Hexane        | Benzol        | Acetone       | Alcohol            |             |           |
| Resistant       | Limited Resistance | Resistant | Limited Resistance | Resistant | Not Resistant | Not Resistant | Not Resistant | Limited Resistance | Resistant   | Resistant |

For specific substances please contact our technical service.

### > WIRING AND INSTALLATION

#### Cross-section of connectable conductors (awg/mm²)

| Rated current |           | Plugs, connectors and appliance inlets |         |         |         | Receptacle |         |         |         |
|---------------|-----------|----------------------------------------|---------|---------|---------|------------|---------|---------|---------|
| Series I      | Series II | Min awg                                | Min mm² | Max awg | Max mm² | Min awg    | Min mm² | Max awg | Max mm² |
| 16A           | 20A       | 16                                     | 1       | 12      | 2,5     | 16         | 1,5     | 12      | 4       |
| 32A           | 30A       | 14                                     | 2,5     | 10      | 6       | 14         | 2,5     | 8       | 10      |
| 63A           | 60A       | 10                                     | 6       | 6       | 16      | 10         | 6       | 4       | 25      |
| 125A          | 100A      | 6                                      | 16      | 2       | 50      | 4          | 25      | 0       | 70      |

#### Cord grip range

#### (Plugs and connectors)

| Rated current |           | Outside Ø mm |         |         |         |
|---------------|-----------|--------------|---------|---------|---------|
| Series I      | Series II | Min awg      | Min mm² | Max awg | Max mm² |
| 16A           | 20A       | ,570         | 14      | ,710    | 18      |
| 32A           | 30A       | ,675         | 17      | ,910    | 23      |
| 63A           | 60A       | ,937         | 24      | 1,375   | 35      |
| 125A          | 100A      | 1,265        | 32      | 1,790   | 45      |

### > APPLICATION EXAMPLES



## EUREKA-HD Series

A

### > PERFORMANCE - ELECTRICAL (SERIES I)

|                                     |                                                                                                                            |
|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Dielectric Voltage Withstand:       | 3000 Volts for 1 minute per IEC 60309-1, Clause 19                                                                         |
| Maximum Working Voltage:            | 690VAC/250 VDC (minimum creepage and clearances per IEC)                                                                   |
| Current Interrupting/Load Breaking: | Tested to 125% rated current at 110% rated voltage per IEC309-1 clause 20                                                  |
| Temperature Rise:                   | Maximum 50°C rise at rated current per IEC309-1 Clause 22, Table 8                                                         |
| Endurance with Load:                | 16 Amp: 5000 cycles; Load only                                                                                             |
| Per IEC 60309-1 Clause 21:          | 32 Amp: 1000 cycles - Alternating load<br>63 Amp: 1000 cycles - Alternating load<br>125 Amp: 250 cycles - Alternating load |

### > PERFORMANCE - ELECTRICAL (SERIES II)

|                                     |                                                                                                                            |
|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Dielectric Voltage Withstand:       | 3000 Volts for 1 minute (fixed devices)<br>2200 Volts for 1 minute (portable devices)                                      |
| Maximum Working Voltage:            | 600VAC/250 VDC (minimum creepage and clearances per UL 840)                                                                |
| Current Interrupting/Load Breaking: | Tested to 150% of full rated current for circuit interrupting                                                              |
| Temperature Rise:                   | Maximum 30°C rise at full rated current after 50 cycles overload at 150% rated load at 0.75-pf                             |
| Horsepower Ratings:                 | Per Nec 430-151b reference for non-interrupting ratings                                                                    |
| Endurance with Load:                | 20 Amp: 5000 cycles; Load only                                                                                             |
| Per IEC 60309-1 Clause 21:          | 30 Amp: 1000 cycles - Alternating load<br>60 Amp: 1000 cycles - Alternating load<br>100 Amp: 250 cycles - Alternating load |

### > MATERIALS FOR PIN & SLEEVE (SERIES I & II)

|                           |                                 |
|---------------------------|---------------------------------|
| Housing:                  | Valox®                          |
| Contact Carriers:         | Valox®                          |
| Cable Gland Nut:          | Valox®                          |
| Cable Bushing:            | Solid neoprene, onion ring type |
| O-Ring, Seals & Gaskets:  | Solid neoprene                  |
| Pins & Sleeves:           | Nickel plated brass             |
| Sleeve Force Ring:        | Zinc plated steel               |
| Terminal Screws:          | Nickel plated steel             |
| Flap/Screw Cover Springs: | Stainless steel                 |
| SNAP-ON Spring:           | Stainless steel                 |
| Mounting Flanges:         | Valox®                          |

### > PERFORMANCE - MECHANICAL (SERIES I)

|                                 |                                                                 |
|---------------------------------|-----------------------------------------------------------------|
| Cold (-25°C) Impact Resistance: | Per IEC 60309-1 Clause 24; (-25°C) with 75cm drop               |
| Cable O.D. Accommodation:       | Round portable service cords from 14.5mm O.D. through 50mm O.D. |
| Terminal Identification:        | In accordance with IEC 60309-1 standards; as L1-L2-L3-N-G       |
| Cable Pull-Out Force:           | In accordance with IEC 60309-1, Clause 23                       |

### > PERFORMANCE - MECHANICAL (SERIES II)

|                                 |                                                                       |
|---------------------------------|-----------------------------------------------------------------------|
| Cold (-25°C) Impact Resistance: | Per UL 1682 Section 34 and IEC 60309-1 Clause 24                      |
| Cable O.D. Accommodation:       | Round portable service cord from 0.57" O.D. through 1.79" O.D.        |
| Terminal Identification:        | In accordance with UL 1682 standards and IEC 60390-1: as L1-L2-L3-N-G |
| Cable Pull-Out Force:           | Per UL 1682 Section 33 and IEC 60309-1 Clause 23                      |

### > PERFORMANCE - ENVIRONMENTAL (SERIES I & II)

|                       |                                                                                                              |
|-----------------------|--------------------------------------------------------------------------------------------------------------|
| Corrosion Resistance: | All metallic components stainless steel or nickel plated brass<br>Sleeve pressure rings of zinc plated steel |
|-----------------------|--------------------------------------------------------------------------------------------------------------|

### > MATERIALS FOR BACK BOX (SERIES I & II)

|                  |                     |
|------------------|---------------------|
| Housing:         | Polyamide 6         |
| Gasket:          | Solid neoprene      |
| Screws:          | Stainless steel     |
| Grounding plate: | 2 inch plated steel |

#### Standard Interface / World Ready

#### Full International Compliances

EN 60309

UL Classification to IEC 60309-1 and IEC 60309-2.

cULus Listing: UL 1682/1686 and CSA C22.2

No. 182.1.

CE conforms to EC Low Voltage Directive.

North American and Global Voltage

Polarization "clock positions" available in all standard ratings.

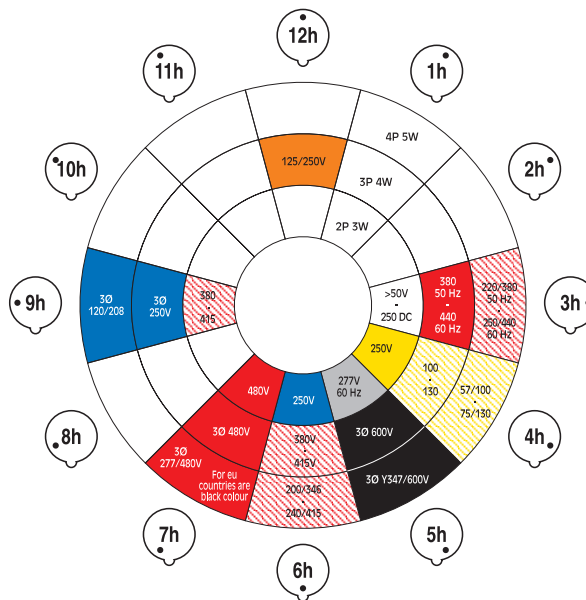
#### Solid, Safe Voltage Selections

One-Piece contact carriers with Full-Color IEC standard voltage-phasing Coding ensures correct product application every time.

## EUREKA-HD Series

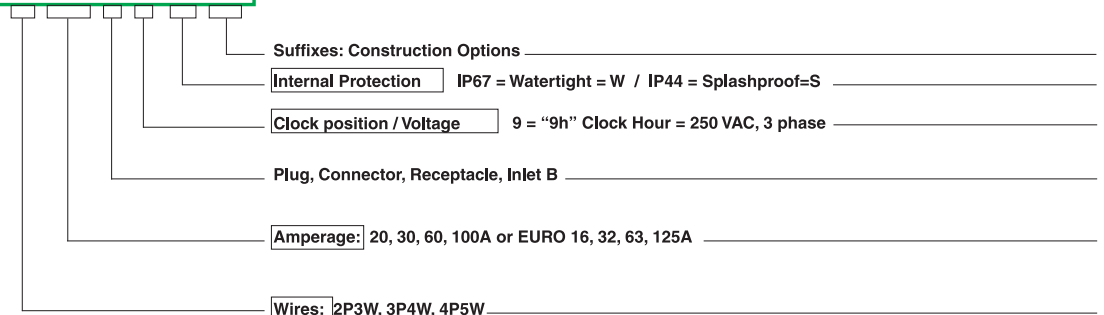
### > CLOCK POSITION - NORTH AMERICAN RATINGS

| RATED VOLTAGE | COLOUR                     | USAGE (NORTH AMERICAN)           |
|---------------|----------------------------|----------------------------------|
| 110-130V      | Yellow                     | North American                   |
| 208-250V      | Blue                       | North American                   |
| 380-415V      | Red                        | Europe                           |
| 600V +        | Black                      | North American and Europe (500V) |
| 277/480V      | Red                        | North American                   |
| 277V          | Grey                       | North American                   |
| 125/250V      | Orange                     | North American                   |
| 250/440V      | Red                        | Latin America                    |
| 220/440V      | Red with diagonal lines    | Europe                           |
| 57/130V       | Yellow with diagonal lines | Europe                           |



### > CATALOG NUMBERING SYSTEM

**SCM 430P9W**



## EUREKA-HD Series

A

### > WATERTIGHT - IP67



IP67

Watertight design and construction meet stringent IP67 internal protection standards.

Rugged thermoplastic housings resist impact or abuse and provide excellent corrosion resistance.

Unique Scame strain relief grip and sealing system assure superior cable retention and watertight conductor termination.

Ideal for outdoor, wet marine and washdown applications.

Unique 75% faster assembly with Snap-on handle locking, and cable grip system.

### > SPLASHPROOF - IP44



IP44

Suitable for indoor use where splashing liquids and other contaminants may interfere with electrical connections.

Ideal for most heavy commercial applications and light industrial applications.

Available 16A, 20A, 30A and 32A Amp ratings.

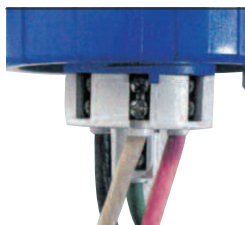


#### No Tools, No Screws Necessary

Snap-on locking handle saves 75% on assembly time.

Unique Snap-on assembly feature on 16A, 20A, 30A and 32A Amp plugs and connectors makes installation and inspection fast and reliable.

Captive gaskets in handles seal out water, chemicals and dust.



#### Easy Action Single-Wiring Point Access Saves Time Wiring

All terminal screws face in same direction allowing installer to make safe and secure conductor terminations in 30% less time than other devices. Rugged, corrosion free thermoplastic housings are colour-coded for safe reliable connections to all other mating type/polarizations, with raised earth terminal standard.

#### Simple Cable Clamping

Threaded cable gland on 16/32A and 20/30A devices makes assembly fast and easy.

One-piece lock screw verifies clamp locking hold, with no external metal contact possible (16/32A and 20/30A devices).



#### Unique and Quick

One-piece cable gland with locking screw loads to cable followed by cable grip 6-Finger cable clamp/grip piece.

Watertight onion ring bushing fits a wide variety of outside diameters.



#### Watertight and cable Grip Safety

Grip cable flexible 6-Finger clamp teeth holds well beyond all agency test pull-out forces.

No internal clamps required.

Available in all amperages.



#### The Performance Connection

Watertight spring-loaded covers with high-strength flex-hinge screw covers on IP67 devices.

Flap covers on IP44 splashproof styles. Safety, performance and durability for all EN 60309 applications worldwide.





## EUREKA-HD Series

### > WATERTIGHT - IP67

#### Safe Connections Standard

- Heart contacts make first, break last for safe connections even under load



#### The Easy Way

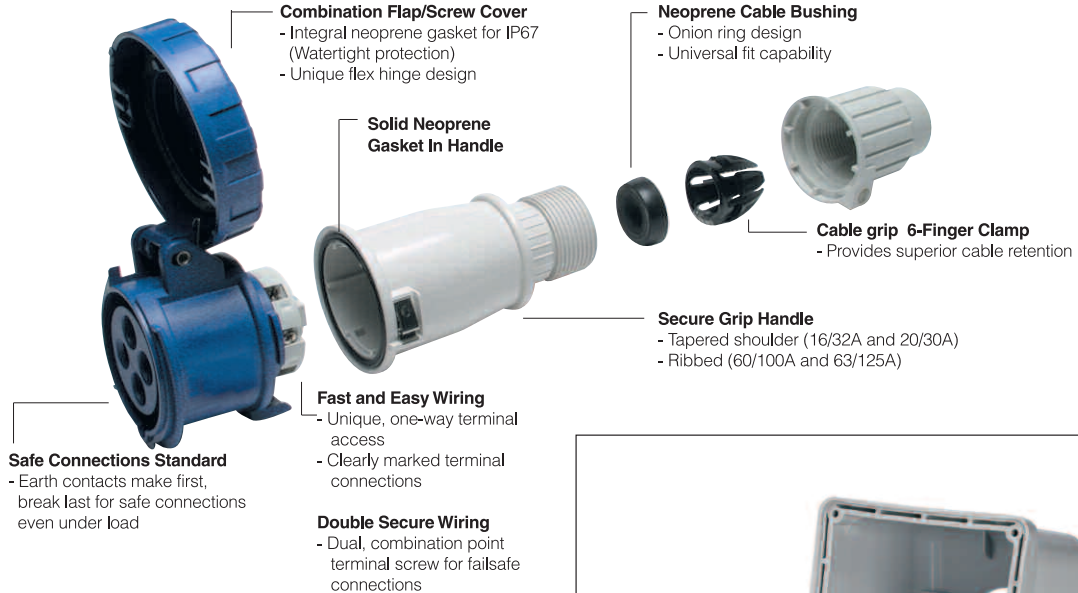
- Snap-on locking feature on all 16/32A and 20/30A plugs and connectors

#### Screw Collars Stay Put

- Turreted grip allows for easy handling

#### 75% Faster Cable builds

- Nylon lock screw System
- One-piece cable gland
- Nylon locking screw prevents loosening
- Hand assembly of cable gland, cable grip
- 6 Finger clamp and onion-ring bushing



#### Combination Flap/Screw Cover

- Integral neoprene gasket for IP67 (Watertight protection)
- Unique flex hinge design

#### Neoprene Cable Bushing

- Onion ring design
- Universal fit capability

#### Solid Neoprene Gasket In Handle

#### Cable grip 6-Finger Clamp

- Provides superior cable retention

#### Secure Grip Handle

- Tapered shoulder (16/32A and 20/30A)
- Ribbed (60/100A and 63/125A)

#### Fast and Easy Wiring

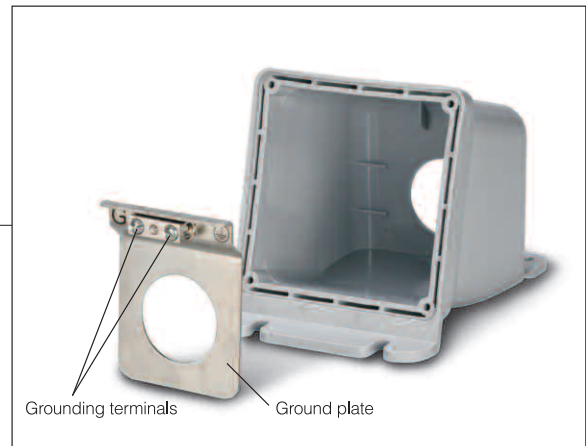
- Unique, one-way terminal access
- Clearly marked terminal connections

#### Double Secure Wiring

- Dual, combination point terminal screw for failsafe connections

#### Safe Connections Standard

- Earth contacts make first, break last for safe connections even under load



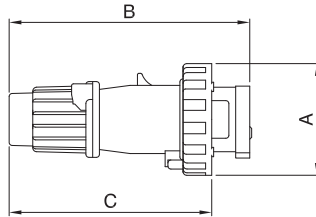
Grounding terminals

Ground plate

## EUREKA-HD Series

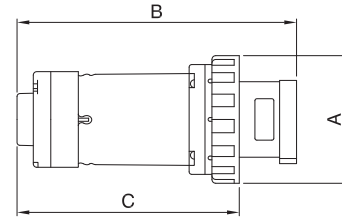
### > DIMENSIONS

A



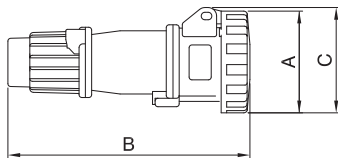
PLUG IP67 16/20A AND 30/32A

|             | A      |     | B      |     | C      |     | Corp grip range |       |
|-------------|--------|-----|--------|-----|--------|-----|-----------------|-------|
|             | inches | mm  | inches | mm  | inches | mm  |                 |       |
| 16/20A 2P3W | 2,87   | 73  | 6,20   | 157 | 5,23   | 133 | .570-.710       | 14-18 |
| 16/20A 3P4W | 3,17   | 81  | 6,47   | 164 | 5,51   | 140 | .570-.710       | 14-18 |
| 16/20A 4P5W | 3,48   | 88  | 7,02   | 178 | 6,06   | 154 | .570-.710       | 14-18 |
| 30/32A 2P3W | 3,66   | 93  | 7,37   | 187 | 6,13   | 156 | .675-.910       | 17-23 |
| 30/32A 3P4W | 3,66   | 93  | 7,37   | 187 | 6,13   | 156 | .675-.910       | 17-23 |
| 30/32A 4P5W | 3,96   | 101 | 8,15   | 207 | 6,91   | 176 | .675-.910       | 17-23 |



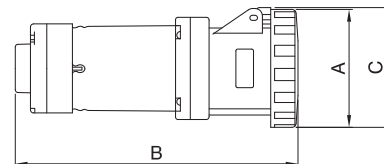
PLUG IP67 60/63A AND 100/125A

|               | A      |     | B      |     | C      |     | Corp grip range |       |
|---------------|--------|-----|--------|-----|--------|-----|-----------------|-------|
|               | inches | mm  | inches | mm  | inches | mm  |                 |       |
| 60/63A 2P3W   | 4,41   | 112 | 9,68   | 246 | 7,67   | 195 | .937-1,375      | 24-35 |
| 60/63A 3P4W   | 4,41   | 112 | 9,68   | 246 | 7,67   | 195 | .937-1,375      | 24-35 |
| 60/63A 4P5W   | 4,41   | 112 | 9,68   | 246 | 7,67   | 195 | .937-1,375      | 24-35 |
| 100/125A 3P4W | 5,06   | 129 | 12,16  | 309 | 9,83   | 250 | 1,265-1,790     | 32-45 |
| 100/125A 4P5W | 5,06   | 129 | 12,16  | 309 | 9,83   | 250 | 1,265-1,790     | 32-45 |



CONNECTOR IP67 16/20A AND 30/32A

|             | A      |     | B      |     | C      |     | Corp grip range |       |
|-------------|--------|-----|--------|-----|--------|-----|-----------------|-------|
|             | inches | mm  | inches | mm  | inches | mm  |                 |       |
| 16/20A 2P3W | 2,87   | 73  | 6,75   | 171 | 2,97   | 75  | .570-.710       | 14-18 |
| 16/20A 3P4W | 3,17   | 81  | 7,04   | 179 | 3,28   | 83  | .570-.710       | 14-18 |
| 16/20A 4P5W | 3,48   | 88  | 7,62   | 194 | 3,75   | 95  | .570-.710       | 14-18 |
| 30/32A 2P3W | 3,66   | 93  | 8,04   | 204 | 4,04   | 103 | .675-.910       | 17-23 |
| 30/32A 3P4W | 3,66   | 93  | 8,04   | 204 | 4,04   | 103 | .675-.910       | 17-23 |
| 30/32A 4P5W | 3,96   | 101 | 8,83   | 224 | 4,03   | 102 | .675-.910       | 17-23 |



CONNECTOR IP67 60/63A AND 100/125A

|               | A      |     | B      |     | C      |     | Corp grip range |       |
|---------------|--------|-----|--------|-----|--------|-----|-----------------|-------|
|               | inches | mm  | inches | mm  | inches | mm  |                 |       |
| 60/63A 2P3W   | 4,41   | 112 | 10,52  | 267 | 4,47   | 114 | .937-1,375      | 24-35 |
| 60/63A 3P4W   | 4,41   | 112 | 10,52  | 267 | 4,47   | 114 | .937-1,375      | 24-35 |
| 60/63A 4P5W   | 4,41   | 112 | 10,52  | 267 | 4,47   | 114 | .937-1,375      | 24-35 |
| 100/125A 3P4W | 5,06   | 129 | 12,80  | 325 | 5,06   | 129 | 1,265-1,790     | 32-45 |
| 100/125A 4P5W | 5,06   | 129 | 12,80  | 325 | 5,06   | 129 | 1,265-1,790     | 32-45 |

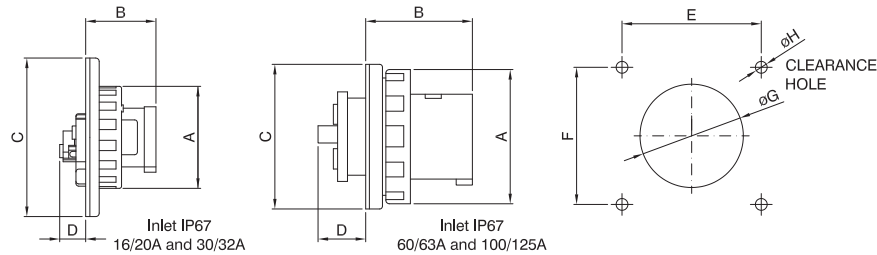
(Dimensions in mm)



## EUREKA-HD Series

A

### > DIMENSIONS

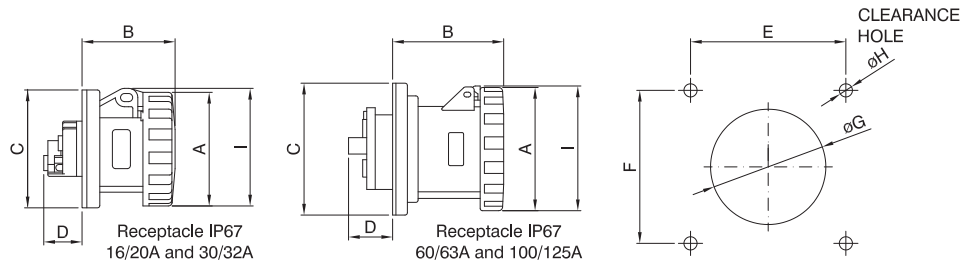


#### INLET IP67 16/20A AND 30/32A

|             | A      |     | B      |    | C      |     | D      |    | E      |    | F      |    | G      |    | H      |     |
|-------------|--------|-----|--------|----|--------|-----|--------|----|--------|----|--------|----|--------|----|--------|-----|
|             | inches | mm  | inches | mm | inches | mm  | inches | mm | inches | mm | inches | mm | inches | mm | inches | mm  |
| 16/20A 2P3W | 2.87   | 73  | 1.96   | 50 | 4.50   | 114 | .75    | 19 | 3.87   | 98 | 3.87   | 98 | 2.38   | 60 | .282   | 7.2 |
| 16/20A 3P4W | 3.17   | 81  | 1.96   | 50 | 4.50   | 114 | .75    | 19 | 3.87   | 98 | 3.87   | 98 | 2.38   | 60 | .282   | 7.2 |
| 16/20A 4P5W | 3.48   | 88  | 1.96   | 50 | 4.50   | 114 | .75    | 19 | 3.87   | 98 | 3.87   | 98 | 2.38   | 60 | .282   | 7.2 |
| 30/32A 2P3W | 3.66   | 93  | 2.32   | 59 | 4.50   | 114 | 1.32   | 34 | 3.87   | 98 | 3.87   | 98 | 2.38   | 60 | .282   | 7.2 |
| 30/32A 3P4W | 3.66   | 93  | 2.32   | 59 | 4.50   | 114 | 1.32   | 34 | 3.87   | 98 | 3.87   | 98 | 2.38   | 60 | .282   | 7.2 |
| 30/32A 4P5W | 3.96   | 101 | 2.32   | 59 | 4.50   | 114 | 1.32   | 34 | 3.87   | 98 | 3.87   | 98 | 2.38   | 60 | .282   | 7.2 |

#### INLET IP67 60/63A AND 100/125A

|               | A      |     | B      |    | C      |     | D      |    | E      |     | F      |     | G      |    | H      |     |
|---------------|--------|-----|--------|----|--------|-----|--------|----|--------|-----|--------|-----|--------|----|--------|-----|
|               | inches | mm  | inches | mm | inches | mm  | inches | mm | inches | mm  | inches | mm  | inches | mm | inches | mm  |
| 60/63A 2P3W   | 4.41   | 112 | 3.44   | 87 | 4.50   | 114 | 1.68   | 43 | 3.87   | 98  | 3.87   | 98  | 3.25   | 83 | .282   | 7.2 |
| 60/63A 3P4W   | 4.41   | 112 | 3.44   | 87 | 4.50   | 114 | 1.68   | 43 | 3.87   | 98  | 3.87   | 98  | 3.25   | 83 | .282   | 7.2 |
| 60/63A 4P5W   | 4.41   | 112 | 3.44   | 87 | 4.50   | 114 | 1.68   | 43 | 3.87   | 98  | 3.87   | 98  | 3.25   | 83 | .282   | 7.2 |
| 100/125A 3P4W | 5.06   | 129 | 3.88   | 99 | 5.50   | 140 | 1.94   | 49 | 4.87   | 124 | 4.87   | 124 | 3.75   | 95 | .282   | 7.2 |
| 100/125A 4P5W | 5.06   | 129 | 3.88   | 99 | 5.50   | 140 | 1.94   | 49 | 4.87   | 124 | 4.87   | 124 | 3.75   | 95 | .282   | 7.2 |



#### RECEPTACLE IP67 16/20A AND 30/32A

|             | A      |     | B      |    | C      |     | D      |    | E      |    | F      |    | G      |    | H      |     | I      |     |
|-------------|--------|-----|--------|----|--------|-----|--------|----|--------|----|--------|----|--------|----|--------|-----|--------|-----|
|             | inches | mm  | inches | mm | inches | mm  | inches | mm | inches | mm | inches | mm | inches | mm | inches | mm  | inches | mm  |
| 16/20A 2P3W | 2.87   | 73  | 2.32   | 59 | 2.97   | .76 | .94    | 24 | 2.36   | 60 | 2.36   | 60 | 2.38   | 60 | .219   | 5.5 | 2.97   | 75  |
| 16/20A 3P4W | 3.17   | 81  | 2.34   | 60 | 2.97   | .76 | .94    | 24 | 2.36   | 60 | 2.36   | 60 | 2.38   | 60 | .219   | 5.5 | 3.28   | 83  |
| 16/20A 4P5W | 3.48   | 88  | 2.37   | 60 | 2.97   | .76 | .94    | 24 | 2.36   | 60 | 2.36   | 60 | 2.38   | 60 | .219   | 5.5 | 3.75   | 95  |
| 30/32A 2P3W | 3.66   | 93  | 2.79   | 71 | 2.97   | .76 | 1.52   | 39 | 2.36   | 60 | 2.36   | 60 | 2.38   | 60 | .219   | 5.5 | 4.04   | 103 |
| 30/32A 3P4W | 3.66   | 93  | 2.79   | 71 | 2.97   | .76 | 1.52   | 39 | 2.36   | 60 | 2.36   | 60 | 2.38   | 60 | .219   | 5.5 | 4.04   | 103 |
| 30/32A 4P5W | 3.96   | 101 | 2.81   | 71 | 2.97   | .76 | 1.52   | 39 | 2.36   | 60 | 2.36   | 60 | 2.38   | 60 | .219   | 5.5 | 4.03   | 102 |

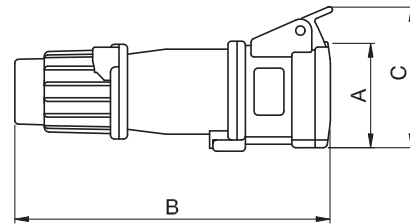
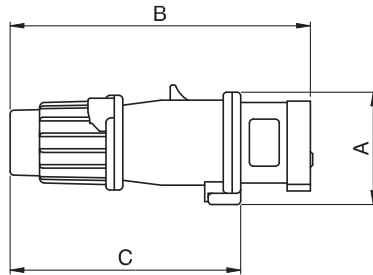
#### RECEPTACLE IP67 60/63A AND 100/125A

|               | A      |     | B      |     | C      |     | D      |    | E      |     | F      |     | G      |    | H      |     | I      |     |
|---------------|--------|-----|--------|-----|--------|-----|--------|----|--------|-----|--------|-----|--------|----|--------|-----|--------|-----|
|               | inches | mm  | inches | mm  | inches | mm  | inches | mm | inches | mm  | inches | mm  | inches | mm | inches | mm  | inches | mm  |
| 60/63A 2P3W   | 4.41   | 112 | 4.16   | 106 | 4.50   | 114 | 1.68   | 43 | 3.87   | 98  | 3.87   | 98  | 3.25   | 83 | .282   | 7.2 | 4.47   | 114 |
| 60/63A 3P4W   | 4.41   | 112 | 4.16   | 106 | 4.50   | 114 | 1.68   | 43 | 3.87   | 98  | 3.87   | 98  | 3.25   | 83 | .282   | 7.2 | 4.47   | 114 |
| 60/63A 4P5W   | 4.41   | 112 | 4.16   | 106 | 4.50   | 114 | 1.68   | 43 | 3.87   | 98  | 3.87   | 98  | 3.25   | 83 | .282   | 7.2 | 4.47   | 114 |
| 100/125A 3P4W | 5.06   | 129 | 4.52   | 115 | 5.50   | 140 | 1.94   | 49 | 4.87   | 124 | 4.87   | 124 | 3.75   | 95 | .282   | 7.2 | 5.06   | 129 |
| 100/125A 4P5W | 5.06   | 129 | 4.52   | 115 | 5.50   | 140 | 1.94   | 49 | 4.87   | 124 | 4.87   | 124 | 3.75   | 95 | .282   | 7.2 | 5.06   | 129 |

(Dimensions in mm)

## EUREKA-HD Series

### > DIMENSIONS

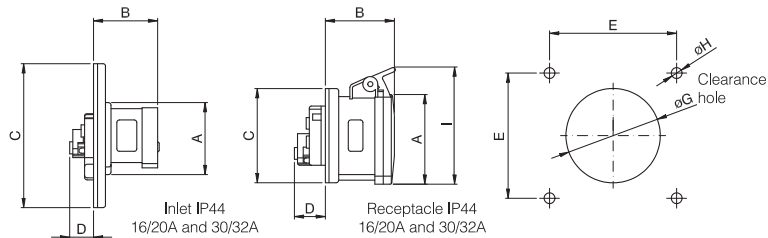


#### PLUG IP44

|             | A      |    | B      |     | C      |     | Corp Grip Range |       |
|-------------|--------|----|--------|-----|--------|-----|-----------------|-------|
|             | inches | mm | inches | mm  | inches | mm  | inches          | mm    |
| 16/20A 2P3W | 2,26   | 58 | 6,20   | 157 | 4,76   | 121 | ,570-.710       | 14-18 |
| 16/20A 3P4W | 2,52   | 64 | 6,47   | 164 | 5,04   | 128 | ,570-.710       | 14-18 |
| 16/20A 4P5W | 2,85   | 73 | 7,02   | 178 | 5,58   | 142 | ,570-.710       | 14-18 |
| 30/32A 2P3W | 2,85   | 73 | 7,37   | 187 | 5,58   | 142 | ,675-.910       | 17-23 |
| 30/32A 3P4W | 2,85   | 73 | 7,37   | 187 | 5,58   | 142 | ,675-.910       | 17-23 |
| 30/32A 4P5W | 3,13   | 80 | 8,15   | 207 | 6,36   | 162 | ,675-.910       | 17-23 |

#### PLUG IP44

|             | A      |    | B      |     | C      |     | Corp Grip Range |       |
|-------------|--------|----|--------|-----|--------|-----|-----------------|-------|
|             | inches | mm | inches | mm  | inches | mm  | inches          | mm    |
| 16/20A 2P3W | 2,18   | 55 | 6,53   | 166 | 3,07   | 73  | ,570-.710       | 14-18 |
| 16/20A 3P4W | 2,43   | 62 | 6,83   | 173 | 3,33   | 80  | ,570-.710       | 14-18 |
| 16/20A 4P5W | 2,81   | 71 | 7,41   | 188 | 3,79   | 91  | ,570-.710       | 14-18 |
| 30/32A 2P3W | 2,81   | 71 | 7,81   | 198 | 3,79   | 91  | ,675-.910       | 17-23 |
| 30/32A 3P4W | 2,81   | 71 | 7,81   | 198 | 3,79   | 91  | ,675-.910       | 17-23 |
| 30/32A 4P5W | 3,09   | 79 | 8,62   | 219 | 4,17   | 101 | ,675-.910       | 17-23 |



#### INLET IP44

|             | A      |    | B      |    | C      |     | D      |    | E      |    | F      |    | G      |    | H      |     |
|-------------|--------|----|--------|----|--------|-----|--------|----|--------|----|--------|----|--------|----|--------|-----|
|             | inches | mm | inches | mm | inches | mm  | inches | mm | inches | mm | inches | mm | inches | mm | inches | mm  |
| 16/20A 2P3W | 2,26   | 58 | 1,96   | 50 | 4,50   | 114 | ,75    | 19 | 3,87   | 98 | 3,87   | 98 | 2,38   | 60 | ,282   | 7,2 |
| 16/20A 3P4W | 2,52   | 64 | 1,96   | 50 | 4,50   | 114 | ,75    | 19 | 3,87   | 98 | 3,87   | 98 | 2,38   | 60 | ,282   | 7,2 |
| 16/20A 4P5W | 2,85   | 73 | 1,96   | 50 | 4,50   | 114 | ,75    | 19 | 3,87   | 98 | 3,87   | 98 | 2,38   | 60 | ,282   | 7,2 |
| 30/32A 2P3W | 2,85   | 73 | 2,32   | 59 | 4,50   | 114 | 1,32   | 34 | 3,87   | 98 | 3,87   | 98 | 2,38   | 60 | ,282   | 7,2 |
| 30/32A 3P4W | 2,85   | 73 | 2,32   | 59 | 4,50   | 114 | 1,32   | 34 | 3,87   | 98 | 3,87   | 98 | 2,38   | 60 | ,282   | 7,2 |
| 30/32A 4P5W | 3,13   | 80 | 2,32   | 59 | 4,50   | 114 | 1,32   | 34 | 3,87   | 98 | 3,87   | 98 | 2,38   | 60 | ,282   | 7,2 |

#### RECEPTACLE IP44

|             | A      |    | B      |    | C      |    | D      |    | E      |    | F      |    | G      |    | H      |     | I      |     |
|-------------|--------|----|--------|----|--------|----|--------|----|--------|----|--------|----|--------|----|--------|-----|--------|-----|
|             | inches | mm | inches | mm | inches | mm | inches | mm | inches | mm | inches | mm | inches | mm | inches | mm  | inches | mm  |
| 16/20A 2P3W | 2,18   | 55 | 2,11   | 54 | 2,97   | 76 | 0,94   | 24 | 2,36   | 60 | 2,36   | 60 | 2,38   | 60 | ,219   | 5,5 | 3,07   | 73  |
| 16/20A 3P4W | 2,43   | 62 | 2,13   | 54 | 2,97   | 76 | 0,94   | 24 | 2,36   | 60 | 2,36   | 60 | 2,38   | 60 | ,219   | 5,5 | 3,33   | 80  |
| 16/20A 4P5W | 2,81   | 71 | 2,17   | 55 | 2,97   | 76 | 0,94   | 24 | 2,36   | 60 | 2,36   | 60 | 2,38   | 60 | ,219   | 5,5 | 3,79   | 91  |
| 30/32A 2P3W | 2,81   | 71 | 2,56   | 65 | 2,97   | 76 | 1,52   | 39 | 2,36   | 60 | 2,36   | 60 | 2,38   | 60 | ,219   | 5,5 | 3,79   | 91  |
| 30/32A 3P4W | 2,81   | 71 | 2,56   | 65 | 2,97   | 76 | 1,52   | 39 | 2,36   | 60 | 2,36   | 60 | 2,38   | 60 | ,219   | 5,5 | 3,79   | 91  |
| 30/32A 4P5W | 3,09   | 79 | 2,60   | 66 | 2,97   | 76 | 1,52   | 39 | 2,36   | 60 | 2,36   | 60 | 2,38   | 60 | ,219   | 5,5 | 4,17   | 101 |

(Dimensions in mm)