

## INDUSTRIESTECKVORRICHTUNGEN NACH IEC 309

## INDUSTRIESTECKVORRICHTUNGEN NACH IEC 309

Die neue Baureihe der Industriesteckvorrichtungen gemäß den Anforderungen der internationalen Normen IEC 60309-1 und IEC 60309-2 und den europäischen Normen EN 60309-1 und EN 60309-2.

## Technische Daten und Normen

| TECHNISCHE EIGENSCHAFTEN |                                                           |                                 |                    |                    |                           |                      |
|--------------------------|-----------------------------------------------------------|---------------------------------|--------------------|--------------------|---------------------------|----------------------|
| Bemessungsstrom (In)     | Bemessungsfrequenz                                        | Bemessungsspannung (Un)         | Zulässige Überlast | Anzahl Steckzyklen | Schaltvermögen bei 1,1 Un | Isolationswiderstand |
| 16 A                     | 50/60 Hz<br>100 - 300 Hz<br>> 300 - 500 Hz<br>Gleichstrom | > 50 bis 690 V<br>Transformator | 22 A               | > 5000             | 20 A                      | > 10 MΩ              |
| 32 A                     |                                                           |                                 | 42 A               | > 2000             | 40 A                      |                      |
| 63 A                     | 50/60 Hz<br>100 - 300 Hz<br>> 300 - 500 Hz<br>Gleichstrom | > 50 bis 690 V                  | -                  | > 2000             | 79 A                      | > 10 MΩ              |
| 125 A                    |                                                           |                                 |                    | > 500              | 156 A                     |                      |

| MECHANISCHE UND PHYSIKALISCHE EIGENSCHAFTEN |                                                           |                               |                                          |                                           |
|---------------------------------------------|-----------------------------------------------------------|-------------------------------|------------------------------------------|-------------------------------------------|
| Betriebs-temperatur (°C)                    | Schutzart (IP)                                            | Stoß-festigkeit (IK)          | Wärmebeständigkeit                       | Widerstand gegen abnorme Wärme und Feuer  |
|                                             |                                                           |                               | Kugeldruckprüfung (°C)                   | Glühdrahtprüfung (°C)                     |
| -25 ÷ +40                                   | Stecker/Kupplungen HP*: IP44/IP54 und IP66/IP67/IP68/IP69 | Stecker/Kupplungen HP: IK 09  | 125 (aktive Teile)<br>80 (passive Teile) | 850 (aktive Teile)<br>650 (passive Teile) |
|                                             | 10°-Anbausteckdosen HP: IP44/IP54 und IP66/IP67           | 10°-Anbausteckdosen HP: IK 09 |                                          |                                           |
|                                             | Andere: IP44 und IP67                                     | Andere: IK 08                 |                                          |                                           |

(\*) Obwohl es die internationale Produktnorm IEC 60309 im Augenblick nicht fordert, wurde diese Produkte freiwillig einem Test für eine Schutzart höher als IP66/IP67 unterzogen.

IP68: 2 bar / 6h entsprechend EN 60529 und Konditionierung nach EN 60309

IP69: entsprechend IEC 60529 und Konditionierung nach EN 60309

| BESTÄNDIGKEIT GEGEN CHEMISCHE UND ATMOSPHÄRISCHE STOFFE |                 |                   |                   |           |               |           |           |           |            |              |
|---------------------------------------------------------|-----------------|-------------------|-------------------|-----------|---------------|-----------|-----------|-----------|------------|--------------|
| Salz-lösungen                                           | Säuren          |                   | Basen             |           | Lösungsmittel |           |           |           | Mineral-öl | UV Strahlung |
|                                                         | Konzentriert    | Verdünnt          | Konzentriert      | Verdünnt  | Hexan         | Benzol    | Azeton    | Alkohol   |            |              |
| Beständig                                               | Nicht beständig | Bedingt beständig | Bedingt beständig | Beständig | Beständig     | Beständig | Beständig | Beständig | Beständig  | Beständig    |

## Leiteranschlüsse für die Baureihe HP

| ANSCHLIESSBARE LEITERQUERSCHNITTE (mm²) |                 |      |                                    |      |
|-----------------------------------------|-----------------|------|------------------------------------|------|
| Bemessungs-<br>strom (In)               | Flexible Leiter |      | Starre oder<br>mehrdrähtige Leiter |      |
|                                         | MIN.            | MAX. | MIN.                               | MAX. |
| 16                                      | 1               | 2,5  | 1,5                                | 4    |
| 32                                      | 2,5             | 6    | 2,5                                | 10   |
| 63                                      | 6               | 16   | 6                                  | 25   |
| 125                                     | 16              | 50   | 25                                 | 70   |

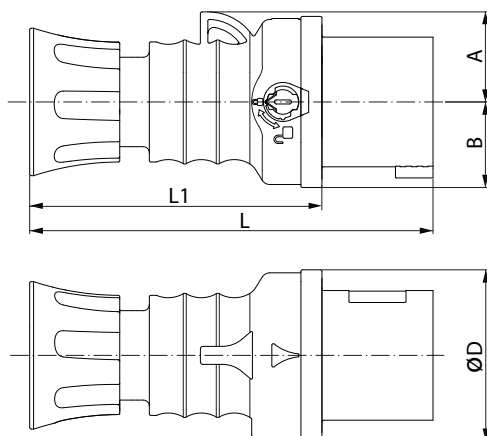
| KLEMMBEREICH DER KABELVERSCHRAUBUNG* (mm²) |                        |      |      |
|--------------------------------------------|------------------------|------|------|
| Bemessungs-<br>strom (In)                  | Anzahl<br>Pole         | MIN. | MAX. |
| 16                                         | 2P + $\frac{1}{2}$     | 7,5  | 13,8 |
|                                            | 3P + $\frac{1}{2}$     | 7,5  | 13,8 |
|                                            | 3P + N + $\frac{1}{2}$ | 9,2  | 19,9 |
| 32                                         | 2P + $\frac{1}{2}$     | 9,2  | 19,9 |
|                                            | 3P + $\frac{1}{2}$     | 9,2  | 19,9 |
|                                            | 3P + N + $\frac{1}{2}$ | 9,2  | 19,9 |
| 63**                                       | 2P + $\frac{1}{2}$     | 16,1 | 37   |
|                                            | 3P + $\frac{1}{2}$     | 17,9 | 37   |
|                                            | 3P + N + $\frac{1}{2}$ | 19,9 | 37   |
| 125**                                      | 2P + $\frac{1}{2}$     | 24,7 | 38,5 |
|                                            | 3P + $\frac{1}{2}$     | 27   | 49   |
|                                            | 3P + N + $\frac{1}{2}$ | 29,9 | 49   |

(\*) Gültig für flexible, starre und mehrdrähtige Leiter

(\*\*) Für Informationen zu Kabelgrößen zur Einhaltung der Schutzart IPX8 kontaktieren Sie bitte unseren Kundendienst

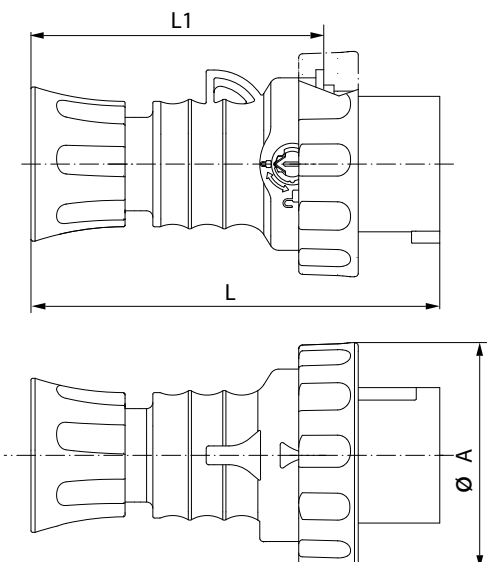
## Abmessungen - Industriesteckvorrichtungen IEC 309 HP 16-32A

## STECKER - IP44



| Typ |                     | A  | B    | D  | L   | L1  |
|-----|---------------------|----|------|----|-----|-----|
| 16A | 2P + $\frac{1}{2}$  | 30 | 28.5 | 57 | 134 | 97  |
|     | 3P + $\frac{1}{2}$  | 34 | 32   | 62 | 134 | 97  |
|     | 3P+N+ $\frac{1}{2}$ | 38 | 36   | 68 | 153 | 115 |
| 32A | 2P + $\frac{1}{2}$  | 40 | 41.5 | 71 | 162 | 115 |
|     | 3P + $\frac{1}{2}$  | 40 | 41.5 | 71 | 162 | 115 |
|     | 3P+N+ $\frac{1}{2}$ | 45 | 42   | 75 | 176 | 130 |

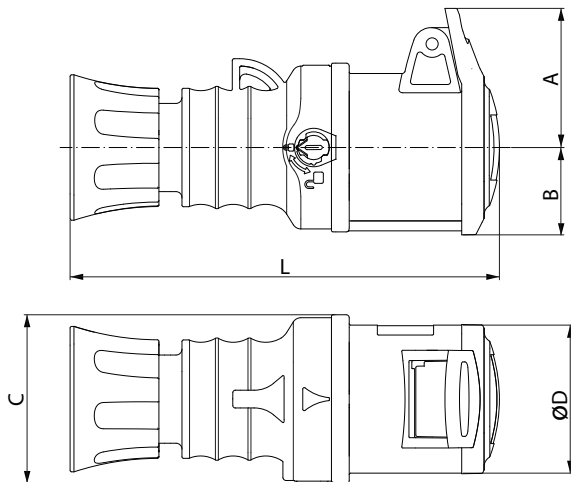
## STECKER - IP66 / IP67 / IP68 / IP69



| Typ |                     | A   | L     | L1   |
|-----|---------------------|-----|-------|------|
| 16A | 2P + $\frac{1}{2}$  | 72  | 130   | 96   |
|     | 3P + $\frac{1}{2}$  | 81  | 130.5 | 96.5 |
|     | 3P+N+ $\frac{1}{2}$ | 88  | 150   | 116  |
| 32A | 2P + $\frac{1}{2}$  | 93  | 158   | 114  |
|     | 3P + $\frac{1}{2}$  | 93  | 158   | 114  |
|     | 3P+N+ $\frac{1}{2}$ | 101 | 170   | 127  |

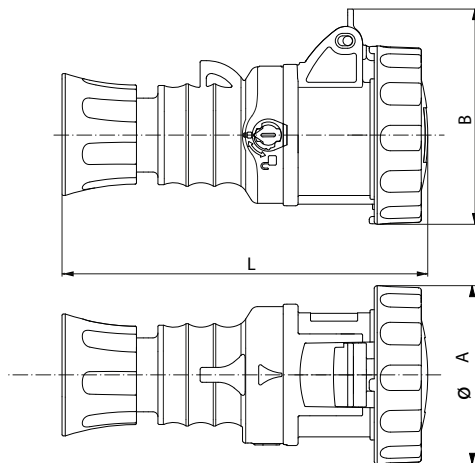
## INDUSTRIESTECKVORRICHTUNGEN NACH IEC 309

### KUPPLUNGEN - IP44



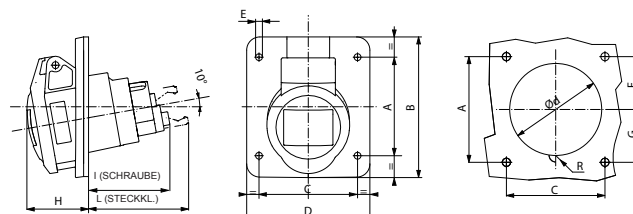
|     | Typ                 | A    | B    | C  | D    | L   |
|-----|---------------------|------|------|----|------|-----|
| 16A | 2P + $\frac{1}{2}$  | 47   | 29.5 | 57 | 50   | 148 |
|     | 3P + $\frac{1}{2}$  | 50   | 32   | 62 | 55.5 | 148 |
|     | 3P+N+ $\frac{1}{2}$ | 56.5 | 35.5 | 68 | 62.5 | 165 |
| 32A | 2P + $\frac{1}{2}$  | 59   | 39   | 71 | 64.5 | 176 |
|     | 3P + $\frac{1}{2}$  | 59   | 39   | 71 | 64.5 | 176 |
|     | 3P+N+ $\frac{1}{2}$ | 62   | 42   | 75 | 70.5 | 190 |

### KUPPLUNGEN - IP66 / IP67 / IP68 / IP69



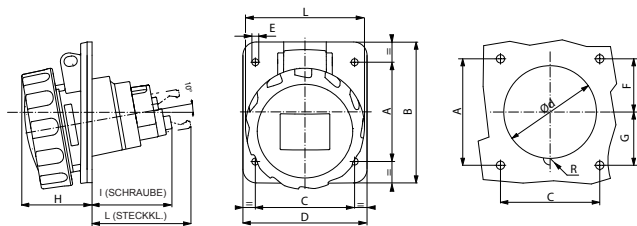
|     | Typ                 | A   | B     | L   |
|-----|---------------------|-----|-------|-----|
| 16A | 2P + $\frac{1}{2}$  | 72  | 87    | 148 |
|     | 3P + $\frac{1}{2}$  | 81  | 95    | 148 |
|     | 3P+N+ $\frac{1}{2}$ | 88  | 102.5 | 167 |
| 32A | 2P + $\frac{1}{2}$  | 93  | 108   | 178 |
|     | 3P + $\frac{1}{2}$  | 93  | 108   | 178 |
|     | 3P+N+ $\frac{1}{2}$ | 101 | 116   | 189 |

### ANBAUSTECKDOSEN 10° - IP44



|     | Typ                 | A  | B  | C  | D  | E   | F    | G    | H    | I    | L  | ød | R |
|-----|---------------------|----|----|----|----|-----|------|------|------|------|----|----|---|
| 16A | 2P+ $\frac{1}{2}$   | 60 | 85 | 60 | 75 | 4.2 | 38   | 22   | 37.5 | 49.5 | 61 | 56 | - |
|     | 3P+ $\frac{1}{2}$   | 60 | 85 | 60 | 75 | 4.2 | 35   | 25   | 37   | 51.5 | 61 | 62 | - |
|     | 3P+N+ $\frac{1}{2}$ | 60 | 85 | 60 | 75 | 4.2 | 29   | 31   | 39.5 | 49   | 60 | 65 | 8 |
| 32A | 2P+ $\frac{1}{2}$   | 70 | 95 | 60 | 80 | 4.2 | 32   | 38   | 46.5 | 60   | 68 | 68 | 8 |
|     | 3P+ $\frac{1}{2}$   | 70 | 95 | 60 | 80 | 4.2 | 32   | 38   | 46.5 | 60   | 68 | 68 | 8 |
|     | 3P+N+ $\frac{1}{2}$ | 70 | 95 | 60 | 80 | 4.2 | 29.5 | 40.5 | 48.5 | 60   | 68 | 74 | 8 |

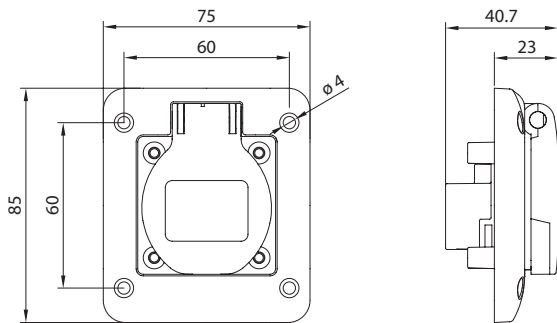
ANBAUSTECKDOSEN 10° - IP66 / IP67



|     | Typ                 | A  | B  | C  | D  | E   | F    | G    | H    | I    | L   | Y    | ød | R |
|-----|---------------------|----|----|----|----|-----|------|------|------|------|-----|------|----|---|
| 16A | 2P + $\frac{1}{2}$  | 60 | 85 | 60 | 75 | 4.2 | 38   | 22   | 42.5 | 48   | 72  | 60   | 56 | - |
|     | 3P + $\frac{1}{2}$  | 60 | 85 | 60 | 75 | 4.2 | 35   | 25   | 43   | 50.5 | 81  | 60   | 62 | - |
|     | 3P+N+ $\frac{1}{2}$ | 60 | 85 | 60 | 75 | 4.2 | 29   | 31   | 44.5 | 48.5 | 88  | 60   | 66 | 5 |
| 32A | 2P + $\frac{1}{2}$  | 70 | 95 | 60 | 80 | 4.2 | 32   | 38   | 51   | 60.5 | 93  | 68.5 | 68 | 7 |
|     | 3P + $\frac{1}{2}$  | 70 | 95 | 60 | 80 | 4.2 | 32   | 38   | 51   | 60.5 | 93  | 68.5 | 68 | 7 |
|     | 3P+N+ $\frac{1}{2}$ | 70 | 95 | 60 | 80 | 4.2 | 29.5 | 40.5 | 53   | 60.5 | 101 | 68.5 | 74 | 7 |

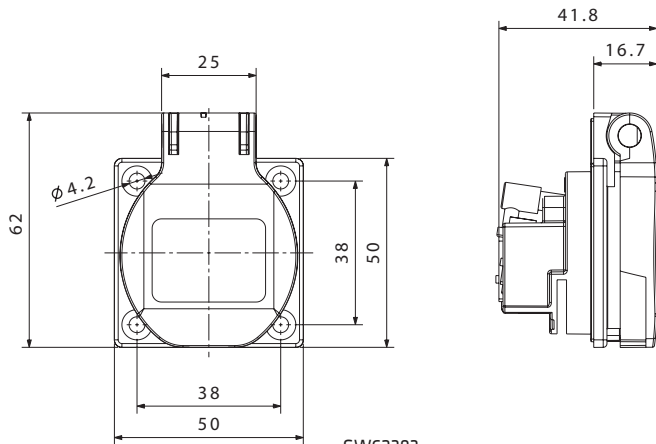
Abmessungen - Schutzkontaktsteckdose

ANBAU-SCHUTZKONTAKTSTECKDOSE DT. STANDARD - IP54



GW62392

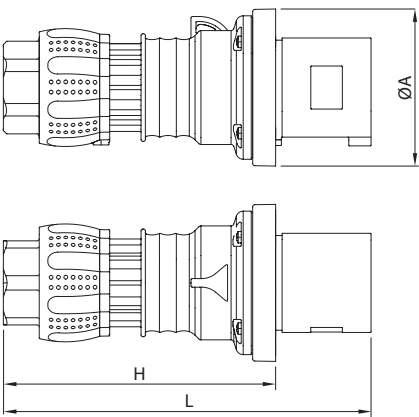
ANBAU-SCHUTZKONTAKTSTECKDOSE DEUTSCHER STANDARD 50X50MM - IP54



GW62393

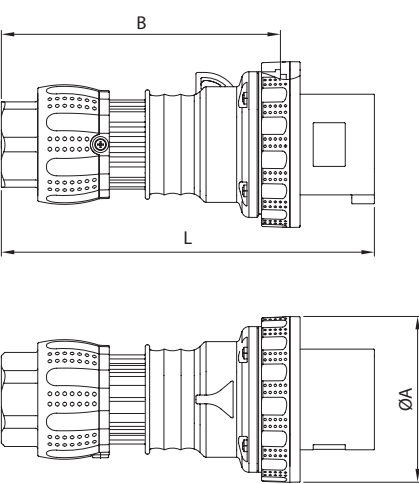
### Abmessungen - Stecker und Kupplungen IEC 309 HP 63 -125A

STECKER - IP44/IP54



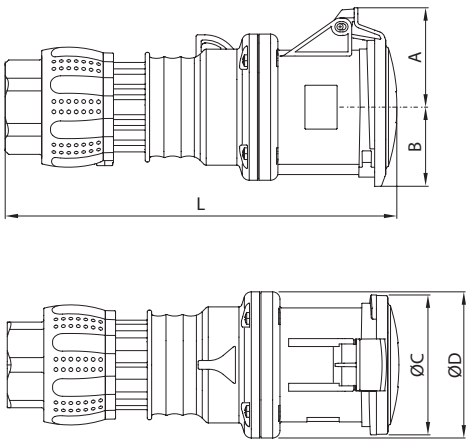
| TYP | A                   | L   | H   |
|-----|---------------------|-----|-----|
| 63A | 2P+ $\frac{1}{2}$   | 109 | 256 |
|     | 3P+ $\frac{1}{2}$   |     |     |
|     | 3P+N+ $\frac{1}{2}$ |     |     |

STECKER - IP66 / IP67 / IP68 / IP69



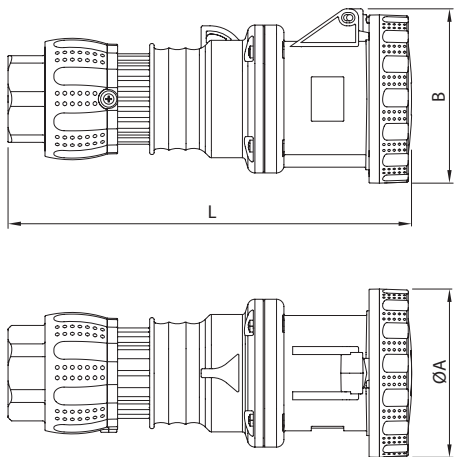
| TYP  | A                   | B   | L   |
|------|---------------------|-----|-----|
| 63A  | 2P+ $\frac{1}{2}$   | 114 | 192 |
|      | 3P+ $\frac{1}{2}$   |     |     |
|      | 3P+N+ $\frac{1}{2}$ |     |     |
| 125A | 2P+ $\frac{1}{2}$   | 131 | 241 |
|      | 3P+ $\frac{1}{2}$   |     |     |
|      | 3P+N+ $\frac{1}{2}$ |     |     |

KUPPLUNGEN - IP44/IP54



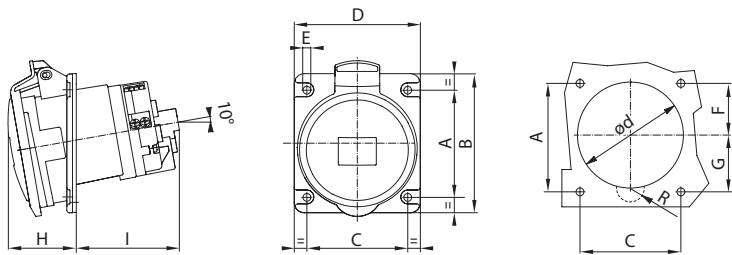
| TYP | A                   | B  | C  | D  | L   |
|-----|---------------------|----|----|----|-----|
| 63A | 2P+ $\frac{1}{2}$   | 68 | 54 | 96 | 100 |
|     | 3P+ $\frac{1}{2}$   |    |    |    |     |
|     | 3P+N+ $\frac{1}{2}$ |    |    |    |     |

KUPPLUNGEN - IP66 / IP67 / IP68 / IP69



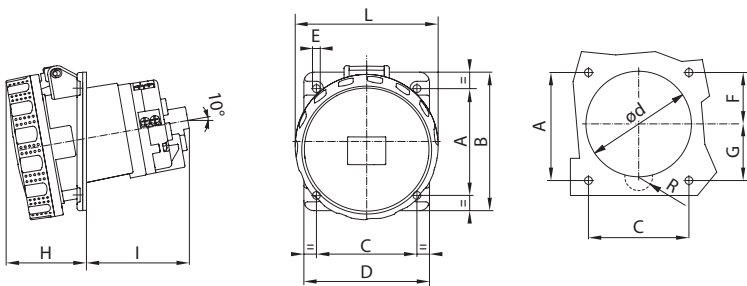
| TYP  |             | A   | B   | L   |
|------|-------------|-----|-----|-----|
| 63A  | 2P+ $\pm$   | 114 | 118 | 273 |
|      | 3P+ $\pm$   |     |     |     |
|      | 3P+N+ $\pm$ |     |     |     |
| 125A | 2P+ $\pm$   | 130 | 131 | 335 |
|      | 3P+ $\pm$   |     |     |     |
|      | 3P+N+ $\pm$ |     |     |     |

10°-ANBAUSTECKDOSEN - IP44/IP54



| TYP |                     | A  | B   | C  | D   | E | F  | G  | H  | I  | ød | R  |
|-----|---------------------|----|-----|----|-----|---|----|----|----|----|----|----|
| 63A | 2P+ $\frac{1}{2}$   | 85 | 110 | 80 | 100 | 6 | 41 | 44 | 54 | 82 | 84 | 11 |
|     | 3P+ $\frac{1}{2}$   |    |     |    |     |   |    |    |    |    |    |    |
|     | 3P+N+ $\frac{1}{2}$ |    |     |    |     |   |    |    |    |    |    |    |

10°-ANBAUSTECKDOSEN - IP66 / IP67

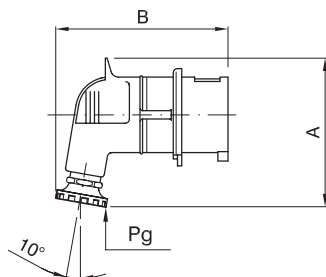


| TYP  |             | A  | B   | C  | D   | E | F  | G  | H  | I   | L   | ød | R  |
|------|-------------|----|-----|----|-----|---|----|----|----|-----|-----|----|----|
| 63A  | 2P+ $\pm$   | 85 | 110 | 80 | 100 | 6 | 41 | 44 | 64 | 82  | 114 | 84 | 11 |
|      | 3P+ $\pm$   |    |     |    |     |   |    |    |    |     |     |    |    |
|      | 3P+N+ $\pm$ |    |     |    |     |   |    |    |    |     |     |    |    |
| 125A | 2P+ $\pm$   | 90 | 114 | 90 | 114 | 6 | 43 | 47 | 76 | 108 | 131 | 95 | 13 |
|      | 3P+ $\pm$   |    |     |    |     |   |    |    |    |     |     |    |    |
|      | 3P+N+ $\pm$ |    |     |    |     |   |    |    |    |     |     |    |    |

## INDUSTRIESTECKVORRICHTUNGEN NACH IEC 309

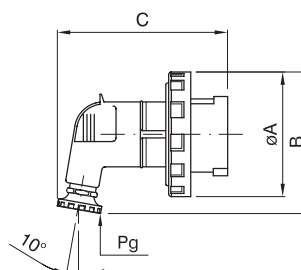
## Abmessungen - Industriesteckvorrichtungen IEC 309

## GESCHÜTZTE WINKELSTECKER 90° - IP44



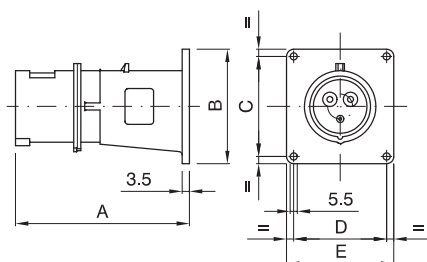
|      | TYP                    | A   | B   | Pg |
|------|------------------------|-----|-----|----|
| 16 A | 2P + $\frac{1}{2}$     | 88  | 105 | 16 |
|      | 3P + $\frac{1}{2}$     | 94  | 108 | 16 |
|      | 3P + N + $\frac{1}{2}$ | 101 | 119 | 16 |
| 32 A | 2P + $\frac{1}{2}$     | 113 | 129 | 21 |
|      | 3P + $\frac{1}{2}$     | 113 | 129 | 21 |
|      | 3P + N + $\frac{1}{2}$ | 121 | 140 | 21 |

## WASSERGESCHÜTZTE WINKELSTECKER 90° - IP67



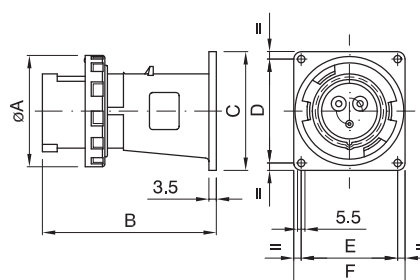
|      | TYP                    | A   | B   | C   | Pg |
|------|------------------------|-----|-----|-----|----|
| 16 A | 2P + $\frac{1}{2}$     | 73  | 95  | 105 | 16 |
|      | 3P + $\frac{1}{2}$     | 80  | 100 | 108 | 16 |
|      | 3P + N + $\frac{1}{2}$ | 88  | 107 | 119 | 16 |
| 32 A | 2P + $\frac{1}{2}$     | 95  | 121 | 129 | 21 |
|      | 3P + $\frac{1}{2}$     | 95  | 121 | 129 | 21 |
|      | 3P + N + $\frac{1}{2}$ | 102 | 127 | 140 | 21 |

## GESCHÜTZTE ANBAUSTECKDOSEN - IP44



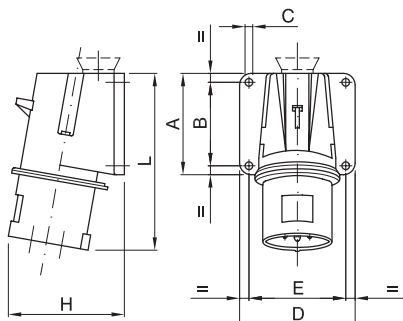
|      | TYP                    | A   | B  | C  | D  | E  |
|------|------------------------|-----|----|----|----|----|
| 16 A | 2P + $\frac{1}{2}$     | 116 | 85 | 60 | 60 | 75 |
|      | 3P + $\frac{1}{2}$     | 121 | 85 | 60 | 60 | 75 |
|      | 3P + N + $\frac{1}{2}$ | 131 | 85 | 60 | 60 | 75 |
| 32 A | 2P + $\frac{1}{2}$     | 140 | 95 | 70 | 60 | 80 |
|      | 3P + $\frac{1}{2}$     | 140 | 95 | 70 | 60 | 80 |
|      | 3P + N + $\frac{1}{2}$ | 152 | 95 | 70 | 60 | 80 |

## WASSERGESCHÜTZTE ANBAUSTECKDOSEN - IP67



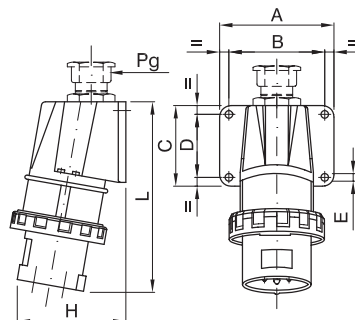
|      | TYP                    | A   | B   | C  | D  | E  | F  |
|------|------------------------|-----|-----|----|----|----|----|
| 16 A | 2P + $\frac{1}{2}$     | 73  | 116 | 85 | 60 | 60 | 75 |
|      | 3P + $\frac{1}{2}$     | 81  | 121 | 85 | 60 | 60 | 75 |
|      | 3P + N + $\frac{1}{2}$ | 89  | 131 | 85 | 60 | 60 | 75 |
| 32 A | 2P + $\frac{1}{2}$     | 95  | 140 | 95 | 70 | 60 | 80 |
|      | 3P + $\frac{1}{2}$     | 95  | 140 | 95 | 70 | 60 | 80 |
|      | 3P + N + $\frac{1}{2}$ | 102 | 152 | 95 | 70 | 60 | 80 |

### GESCHÜTZTE WANDSTECKDOSEN 90° - IP44



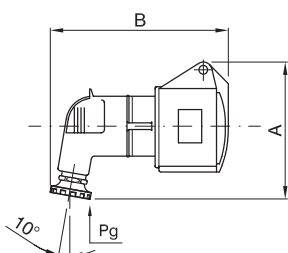
|             | TYP                    | A  | B  | C   | D  | E  | H   | L   |
|-------------|------------------------|----|----|-----|----|----|-----|-----|
| <b>16 A</b> | 2P + $\frac{1}{2}$     | 60 | 47 | 6,5 | 75 | 62 | 78  | 106 |
|             | 3P + $\frac{1}{2}$     | 65 | 52 | 6,5 | 80 | 67 | 86  | 110 |
|             | 3P + N + $\frac{1}{2}$ | 75 | 62 | 6,5 | 85 | 72 | 90  | 122 |
| <b>32 A</b> | 2P + $\frac{1}{2}$     | 80 | 67 | 6,5 | 90 | 77 | 93  | 135 |
|             | 3P + $\frac{1}{2}$     | 80 | 67 | 6,5 | 90 | 77 | 93  | 135 |
|             | 3P + N + $\frac{1}{2}$ | 80 | 67 | 6,5 | 90 | 77 | 103 | 135 |

### WASSERGESCHÜTZTE WANDSTECKDOSEN 90° - IP67



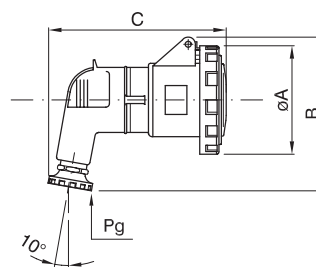
|              | TYP                    | A   | B   | C   | D   | E   | H   | L   | Pg |
|--------------|------------------------|-----|-----|-----|-----|-----|-----|-----|----|
| <b>16 A</b>  | 2P + $\frac{1}{2}$     | 75  | 62  | 60  | 47  | 6,5 | 83  | 115 | 21 |
|              | 3P + $\frac{1}{2}$     | 82  | 67  | 65  | 52  | 6,5 | 98  | 120 | 21 |
|              | 3P + N + $\frac{1}{2}$ | 90  | 72  | 75  | 62  | 6,5 | 105 | 130 | 21 |
| <b>32 A</b>  | 2P + $\frac{1}{2}$     | 95  | 77  | 80  | 67  | 6,5 | 115 | 145 | 21 |
|              | 3P + $\frac{1}{2}$     | 95  | 77  | 80  | 67  | 6,5 | 115 | 145 | 21 |
|              | 3P + N + $\frac{1}{2}$ | 105 | 77  | 80  | 67  | 6,5 | 122 | 145 | 21 |
| <b>63 A</b>  | 2P + $\frac{1}{2}$     | 115 | 95  | 90  | 70  | 6,5 | 135 | 200 | 36 |
|              | 3P + $\frac{1}{2}$     | 115 | 95  | 90  | 70  | 6,5 | 135 | 200 | 36 |
|              | 3P + N + $\frac{1}{2}$ | 115 | 95  | 90  | 70  | 6,5 | 135 | 200 | 36 |
| <b>125 A</b> | 3P + $\frac{1}{2}$     | 140 | 120 | 140 | 120 | 6,5 | 150 | 280 | 48 |
|              | 3P + N + $\frac{1}{2}$ | 140 | 120 | 140 | 120 | 6,5 | 150 | 280 | 48 |

### GESCHÜTZTE WINKELKUPPLUNGEN 90° - IP44



|             | TYP                    | A   | B   | Pg |
|-------------|------------------------|-----|-----|----|
| <b>16 A</b> | 2P + $\frac{1}{2}$     | 99  | 113 | 16 |
|             | 3P + $\frac{1}{2}$     | 103 | 116 | 16 |
|             | 3P + N + $\frac{1}{2}$ | 110 | 127 | 16 |
| <b>32 A</b> | 2P + $\frac{1}{2}$     | 121 | 138 | 21 |
|             | 3P + $\frac{1}{2}$     | 121 | 138 | 21 |
|             | 3P + N + $\frac{1}{2}$ | 127 | 149 | 21 |

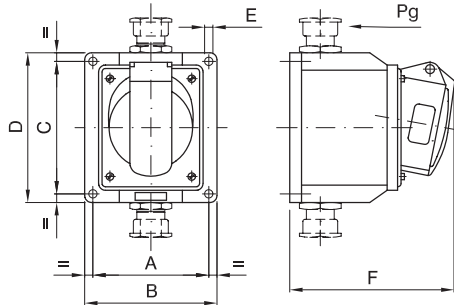
### WASSERGESCHÜTZTE WINKELKUPPLUNGEN 90° - IP67



|             | TYP                    | A   | B   | C   | Pg |
|-------------|------------------------|-----|-----|-----|----|
| <b>16 A</b> | 2P + $\frac{1}{2}$     | 73  | 102 | 123 | 16 |
|             | 3P + $\frac{1}{2}$     | 80  | 108 | 126 | 16 |
|             | 3P + N + $\frac{1}{2}$ | 88  | 115 | 137 | 16 |
| <b>32 A</b> | 2P + $\frac{1}{2}$     | 95  | 128 | 148 | 21 |
|             | 3P + $\frac{1}{2}$     | 95  | 128 | 148 | 21 |
|             | 3P + N + $\frac{1}{2}$ | 102 | 135 | 159 | 21 |

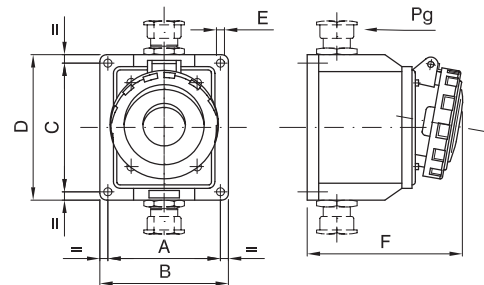
## INDUSTRIESTECKVORRICHTUNGEN NACH IEC 309

## GESCHÜTZTE AUFBAUSTECKDOSEN 10° -IP44



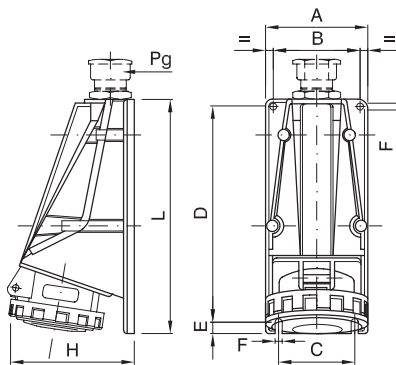
|      | TYP                    | A  | B   | C   | D   | E   | F   | Pg |
|------|------------------------|----|-----|-----|-----|-----|-----|----|
| 16 A | 2P + $\frac{1}{2}$     | 75 | 90  | 95  | 110 | 6,2 | 105 | 21 |
|      | 3P + $\frac{1}{2}$     | 75 | 90  | 95  | 110 | 6,2 | 107 | 21 |
|      | 3P + N + $\frac{1}{2}$ | 75 | 90  | 95  | 110 | 6,2 | 109 | 21 |
| 32 A | 2P + $\frac{1}{2}$     | 90 | 105 | 105 | 120 | 6,2 | 125 | 21 |
|      | 3P + $\frac{1}{2}$     | 90 | 105 | 105 | 120 | 6,2 | 125 | 21 |
|      | 3P + N + $\frac{1}{2}$ | 90 | 105 | 105 | 120 | 6,2 | 125 | 21 |

## WASSERGESCHÜTZTE AUFBAUSTECKDOSEN 10° -IP67



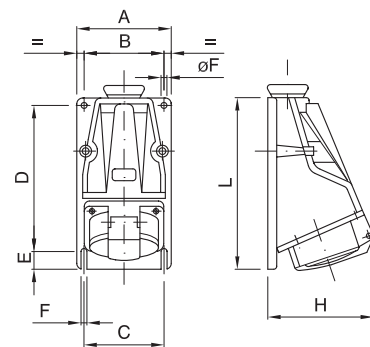
|      | TYP                    | A   | B   | C   | D   | E   | F   | Pg |
|------|------------------------|-----|-----|-----|-----|-----|-----|----|
| 16 A | 2P + $\frac{1}{2}$     | 75  | 90  | 95  | 110 | 6,2 | 113 | 21 |
|      | 3P + $\frac{1}{2}$     | 75  | 90  | 95  | 110 | 6,2 | 115 | 21 |
|      | 3P + N + $\frac{1}{2}$ | 75  | 90  | 95  | 110 | 6,2 | 115 | 21 |
| 32 A | 2P + $\frac{1}{2}$     | 90  | 105 | 105 | 120 | 6,2 | 130 | 21 |
|      | 3P + $\frac{1}{2}$     | 90  | 105 | 105 | 120 | 6,2 | 130 | 21 |
|      | 3P + N + $\frac{1}{2}$ | 90  | 105 | 105 | 120 | 6,2 | 130 | 21 |
| 63 A | 2P + $\frac{1}{2}$     | 100 | 115 | 125 | 140 | 6,2 | 173 | 36 |
|      | 3P + $\frac{1}{2}$     | 100 | 115 | 125 | 140 | 6,2 | 173 | 36 |
|      | 3P + N + $\frac{1}{2}$ | 100 | 115 | 125 | 140 | 6,2 | 173 | 36 |

## WASSERGESCHÜTZTE WANDSTECKDOSEN 10° -IP67



|       | TYP                    | A   | B   | C  | D   | E  | F | H   | L   | Pg |
|-------|------------------------|-----|-----|----|-----|----|---|-----|-----|----|
| 16 A  | 2P + $\frac{1}{2}$     | 90  | 70  | 70 | 138 | 15 | 6 | 95  | 160 | 21 |
|       | 3P + $\frac{1}{2}$     | 90  | 70  | 70 | 138 | 15 | 6 | 100 | 160 | 21 |
|       | 3P + N + $\frac{1}{2}$ | 90  | 70  | 70 | 138 | 15 | 6 | 105 | 160 | 21 |
| 32 A  | 2P + $\frac{1}{2}$     | 105 | 85  | 85 | 148 | 15 | 6 | 113 | 170 | 21 |
|       | 3P + $\frac{1}{2}$     | 105 | 85  | 85 | 148 | 15 | 6 | 113 | 170 | 21 |
|       | 3P + N + $\frac{1}{2}$ | 105 | 85  | 85 | 148 | 15 | 6 | 118 | 170 | 21 |
| 63 A  | 2P + $\frac{1}{2}$     | 115 | 95  | 80 | 230 | 15 | 6 | 140 | 255 | 36 |
|       | 3P + $\frac{1}{2}$     | 115 | 95  | 80 | 230 | 15 | 6 | 140 | 255 | 36 |
|       | 3P + N + $\frac{1}{2}$ | 115 | 95  | 80 | 230 | 15 | 6 | 140 | 255 | 36 |
| 125 A | 2P + $\frac{1}{2}$     | 132 | 110 | 90 | 275 | 15 | 6 | 160 | 300 | 48 |
|       | 3P + $\frac{1}{2}$     | 132 | 110 | 90 | 275 | 15 | 6 | 160 | 300 | 48 |

## GESCHÜTZTE WANDSTECKDOSEN 10° -IP44



|      | TYP                    | A   | B  | C  | D   | E  | F | H   | L   |
|------|------------------------|-----|----|----|-----|----|---|-----|-----|
| 16 A | 2P + $\frac{1}{2}$     | 90  | 70 | 70 | 138 | 15 | 6 | 93  | 160 |
|      | 3P + $\frac{1}{2}$     | 90  | 70 | 70 | 138 | 15 | 6 | 98  | 160 |
|      | 3P + N + $\frac{1}{2}$ | 90  | 70 | 70 | 138 | 15 | 6 | 103 | 160 |
| 32 A | 2P + $\frac{1}{2}$     | 105 | 85 | 85 | 148 | 15 | 6 | 110 | 170 |
|      | 3P + $\frac{1}{2}$     | 105 | 85 | 85 | 148 | 15 | 6 | 110 | 170 |
|      | 3P + N + $\frac{1}{2}$ | 105 | 85 | 85 | 148 | 15 | 6 | 115 | 170 |