

## Industrial Plugs & Sockets

- Wall Sockets
- Panel Mounted Sockets
- Plugs
- Connectors
- Interlock Units
- Panel/Wall Inlets
- Schuko Type Socket & Plug

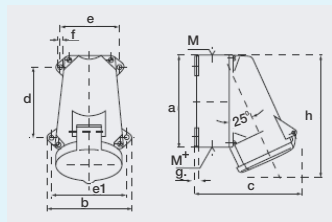


IEC 60309-1  
IEC 60309-2

**SIMPLY SOLUTIONS**

## Wall Sockets

### IP 44

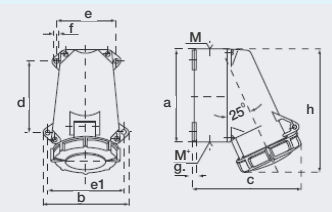


| Voltage (V) |          | 110V<br>50 a. 60 Hz |          |          | 230V<br>50 a. 60 Hz |          |          | 400V<br>50 a. 60 Hz |          |          | 500V<br>50 a. 60 Hz |          |          | >50 - 500 V<br>100-300 Hz |           |           | >50 - 500 V<br>300-500 Hz |          |
|-------------|----------|---------------------|----------|----------|---------------------|----------|----------|---------------------|----------|----------|---------------------|----------|----------|---------------------------|-----------|-----------|---------------------------|----------|
| Current (A) | Pole (P) | 3P<br>4h            | 4P<br>4h | 5P<br>4h | 3P<br>6h            | 4P<br>9h | 5P<br>9h | 3P<br>9h            | 4P<br>6h | 5P<br>6h | 3P<br>7h            | 4P<br>7h | 5P<br>7h | 3P<br>10h                 | 4P<br>10h | 5P<br>10h | 3P<br>2h                  | 4P<br>2h |
| 16          | 3        | TTS-FI34-4          |          |          | TTS-FI34-6          |          |          | TTS-FI34-9          |          |          | TTS-FI34-7          |          |          | TTS-FI34-10               |           |           | TTS-FI34-2                |          |
| 16          | 4        | TTS-FI44-4          |          |          | TTS-FI44-9          |          |          | TTS-FI44-6          |          |          | TTS-FI44-7          |          |          | TTS-FI44-10               |           |           | TTS-FI44-2                |          |
| 16          | 5        | TTS-FI54-4          |          |          | TTS-FI54-9          |          |          | TTS-FI54-6          |          |          | TTS-FI54-7          |          |          | TTS-FI54-10               |           |           | TTS-FI54-2                |          |
| 32          | 3        | TTS-F234-4          |          |          | TTS-F234-6          |          |          | TTS-F234-9          |          |          | TTS-F234-7          |          |          | TTS-F234-10               |           |           | TTS-F234-2                |          |
| 32          | 4        | TTS-F244-4          |          |          | TTS-F244-9          |          |          | TTS-F244-6          |          |          | TTS-F244-7          |          |          | TTS-F244-10               |           |           | TTS-F244-2                |          |
| 32          | 5        | TTS-F254-4          |          |          | TTS-F254-9          |          |          | TTS-F254-6          |          |          | TTS-F254-7          |          |          | TTS-F254-10               |           |           | TTS-F254-2                |          |
| 63          | 3        | TTS-F334-4          |          |          | TTS-F334-6          |          |          | TTS-F334-9          |          |          | TTS-F334-7          |          |          |                           |           |           |                           |          |
| 63          | 4        | TTS-F344-4          |          |          | TTS-F344-9          |          |          | TTS-F344-6          |          |          | TTS-F344-7          |          |          |                           |           |           |                           |          |
| 63          | 5        | TTS-F354-4          |          |          | TTS-F354-9          |          |          | TTS-F354-6          |          |          | TTS-F354-7          |          |          |                           |           |           |                           |          |

#### Parameter

| Current (A)                   |                         | 16                 |      |      | 32                 |      |      | 63                 |       |       |
|-------------------------------|-------------------------|--------------------|------|------|--------------------|------|------|--------------------|-------|-------|
| Pole (P)                      |                         | 3                  | 4    | 5/7  | 3                  | 4    | 5/7  | 3                  | 4     | 5     |
| Dimension (mm)                | a                       | 95                 | 95   | 95   | 120                | 120  | 120  | 170                | 170   | 170   |
|                               | b                       | 102                | 102  | 102  | 112                | 112  | 112  | 118                | 118   | 118   |
|                               | c                       | 115                | 124  | 129  | 143                | 143  | 150  | 171                | 171   | 171   |
|                               | d                       | 64.2               | 64.2 | 64.2 | 90.2               | 90.2 | 90.2 | 134.5              | 134.5 | 134.5 |
|                               | e                       | 77.5               | 77.5 | 77.5 | 79                 | 79   | 79   | 103                | 103   | 103   |
|                               | e1                      | 88                 | 88   | 88   | 98.5               | 98.5 | 98.5 |                    |       |       |
|                               | f                       | 5.5                | 5.5  | 5.5  | 5.5                | 5.5  | 5.5  | 6.1                | 6.1   | 6.1   |
|                               | g                       | 5                  | 5    | 5    | 5                  | 5    | 5    | 6                  | 6     | 6     |
|                               | h                       | 128                | 128  | 132  | 160                | 160  | 160  | 216                | 216   | 216   |
|                               | M                       | 25                 | 25   | 25   | 32                 | 32   | 32   | 40                 | 40    | 40    |
|                               | M+                      | 1xM 25 (removable) |      |      | 1xM 32 (removable) |      |      | 2xM 40 (removable) |       |       |
|                               | Max cable diameter (mm) | 18                 | 18   | 18   | 25                 | 25   | 25   | 32                 | 32    | 32    |
| Conductor cross section (mm²) |                         | 1.5                | 1.5  | 1.5  | 2.5                | 2.5  | 2.5  | 6                  | 6     | 6     |
|                               |                         | -4                 | -4   | -4   | -10                | -10  | -10  | 25                 | 25    | 25    |

### IP 67



| Voltage (V) |          | 110V<br>50 a. 60 Hz |          |          | 230V<br>50 a. 60 Hz |          |          | 400V<br>50 a. 60 Hz |          |          | 500V<br>50 a. 60 Hz |          |          | >50 - 500 V<br>100-300 Hz |           |           | >50 - 500 V<br>300-500 Hz |          |
|-------------|----------|---------------------|----------|----------|---------------------|----------|----------|---------------------|----------|----------|---------------------|----------|----------|---------------------------|-----------|-----------|---------------------------|----------|
| Current (A) | Pole (P) | 3P<br>4h            | 4P<br>4h | 5P<br>4h | 3P<br>6h            | 4P<br>9h | 5P<br>9h | 3P<br>9h            | 4P<br>6h | 5P<br>6h | 3P<br>7h            | 4P<br>7h | 5P<br>7h | 3P<br>10h                 | 4P<br>10h | 5P<br>10h | 3P<br>2h                  | 4P<br>2h |
| 16          | 3        | TTS-FI36-4          |          |          | TTS-FI36-6          |          |          | TTS-FI36-9          |          |          | TTS-FI36-7          |          |          | TTS-FI36-10               |           |           | TTS-FI36-2                |          |
| 16          | 4        | TTS-FI46-4          |          |          | TTS-FI46-9          |          |          | TTS-FI46-6          |          |          | TTS-FI46-7          |          |          | TTS-FI46-10               |           |           | TTS-FI46-2                |          |
| 16          | 5        | TTS-FI56-4          |          |          | TTS-FI56-9          |          |          | TTS-FI56-6          |          |          | TTS-FI56-7          |          |          | TTS-FI56-10               |           |           | TTS-FI56-2                |          |
| 32          | 3        | TTS-F236-4          |          |          | TTS-F236-6          |          |          | TTS-F236-9          |          |          | TTS-F236-7          |          |          | TTS-F236-10               |           |           | TTS-F236-2                |          |
| 32          | 4        | TTS-F246-4          |          |          | TTS-F246-9          |          |          | TTS-F246-6          |          |          | TTS-F246-7          |          |          | TTS-F246-10               |           |           | TTS-F246-2                |          |
| 32          | 5        | TTS-F256-4          |          |          | TTS-F256-9          |          |          | TTS-F256-6          |          |          | TTS-F256-7          |          |          | TTS-F256-10               |           |           | TTS-F256-2                |          |
| 63          | 3        | TTS-F336-4          |          |          | TTS-F336-6          |          |          | TTS-F336-9          |          |          | TTS-F336-7          |          |          |                           |           |           |                           |          |
| 63          | 4        | TTS-F346-4          |          |          | TTS-F346-9          |          |          | TTS-F346-6          |          |          | TTS-F346-7          |          |          |                           |           |           |                           |          |
| 63          | 5        | TTS-F356-4          |          |          | TTS-F356-9          |          |          | TTS-F356-6          |          |          | TTS-F356-7          |          |          |                           |           |           |                           |          |
| 125         | 3        | TTS-F436-4          |          |          | TTS-F436-6          |          |          | TTS-F436-9          |          |          | TTS-F436-7          |          |          |                           |           |           |                           |          |
| 125         | 4        | TTS-F446-4          |          |          | TTS-F446-9          |          |          | TTS-F446-6          |          |          | TTS-F446-7          |          |          |                           |           |           |                           |          |
| 125         | 5        | TTS-F456-4          |          |          | TTS-F456-9          |          |          | TTS-F456-6          |          |          | TTS-F456-7          |          |          |                           |           |           |                           |          |

#### Parameter

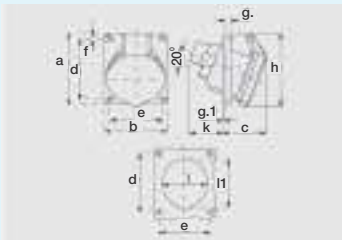
| Current (A)                   |    | 16                |      |      | 32                 |      |      | 63                 |       |       | 125 |     |     |
|-------------------------------|----|-------------------|------|------|--------------------|------|------|--------------------|-------|-------|-----|-----|-----|
| Pole (P)                      |    | 3                 | 4    | 5/7  | 3                  | 4    | 5/7  | 3                  | 4     | 5     | 3   | 4   | 5   |
| Dimension (mm)                | a  | 95                | 95   | 95   | 120                | 120  | 120  | 170                | 170   | 170   | 264 | 264 | 264 |
|                               | b  | 102               | 102  | 102  | 112                | 112  | 112  | 118                | 118   | 118   | 163 | 163 | 163 |
|                               | c  | 115               | 124  | 129  | 143                | 143  | 150  | 171                | 171   | 171   | 203 | 203 | 203 |
|                               | d  | 64.2              | 64.2 | 64.2 | 90.2               | 90.2 | 90.2 | 134.5              | 134.5 | 134.5 | 240 | 240 | 240 |
|                               | e  | 77.5              | 77.5 | 77.5 | 79                 | 79   | 79   | 103                | 103   | 103   | 140 | 140 | 140 |
|                               | e1 | 88                | 88   | 88   | 98.5               | 98.5 | 98.5 |                    |       |       |     |     |     |
|                               | f  | 5.5               | 5.5  | 5.5  | 5.5                | 5.5  | 5.5  | 6.1                | 6.1   | 6.1   | 8.1 | 8.1 | 8.1 |
|                               | g  | 5                 | 5    | 5    | 5                  | 5    | 5    | 6                  | 6     | 6     | 8   | 8   | 8   |
|                               | h  | 128               | 128  | 132  | 160                | 160  | 160  | 216                | 216   | 216   | 313 | 313 | 313 |
|                               | M  | 25                | 25   | 25   | 32                 | 32   | 32   | 40                 | 40    | 40    | 50  | 50  | 50  |
|                               | M+ | 1xM25 (removable) |      |      | 1xM 32 (removable) |      |      | 2xM 40 (removable) |       |       | 50  | 50  | 50  |
| Max cable diameter (mm)       |    | 18                | 18   | 18   | 25                 | 25   | 25   | 32                 | 32    | 32    | 38  | 38  | 38  |
| Conductor cross section (mm²) |    | 1.5               | 1.5  | 1.5  | 2.5                | 2.5  | 2.5  | 6                  | 6     | 6     | 25  | 25  | 25  |
| Min.- max                     |    | -4                | -4   | -4   | -10                | -10  | -10  | 25                 | 25    | 25    | 35  | 35  | 35  |

Panel Mounted Sockets

IP 44



| Voltage (V) |          | 110V<br>50 a. 60 Hz |          |          | 230V<br>50 a. 60 Hz |          |          | 400V<br>50 a. 60 Hz |          |          | 500V<br>50 a. 60 Hz |          |          | >50 - 500 V<br>100-300 Hz |           |           | >50 - 500 V<br>300-500 Hz |          |
|-------------|----------|---------------------|----------|----------|---------------------|----------|----------|---------------------|----------|----------|---------------------|----------|----------|---------------------------|-----------|-----------|---------------------------|----------|
| Current (A) | Pole (P) | 3P<br>4h            | 4P<br>4h | 5P<br>4h | 3P<br>6h            | 4P<br>9h | 5P<br>9h | 3P<br>9h            | 4P<br>6h | 5P<br>6h | 3P<br>7h            | 4P<br>7h | 5P<br>7h | 3P<br>10h                 | 4P<br>10h | 5P<br>10h | 3P<br>2h                  | 4P<br>2h |
| 16          | 3        | TTS-B1341-4         |          |          | TTS-B1341-6         |          |          | TTS-B1341-9         |          |          | TTS-B1341-7         |          |          | TTS-B1341-10              |           |           | TTS-B1341-2               |          |
| 16          | 4        | TTS-B1441-4         |          |          | TTS-B1441-9         |          |          | TTS-B1441-6         |          |          | TTS-B1441-7         |          |          | TTS-B1441-10              |           |           | TTS-B1441-2               |          |
| 16          | 5        | TTS-B1541-4         |          |          | TTS-B1541-9         |          |          | TTS-B1541-6         |          |          | TTS-B1541-7         |          |          | TTS-B1541-10              |           |           | TTS-B1541-2               |          |
| 32          | 3        | TTS-B2341-4         |          |          | TTS-B2341-6         |          |          | TTS-B2341-9         |          |          | TTS-B2341-7         |          |          | TTS-B2341-10              |           |           | TTS-B2341-2               |          |
| 32          | 4        | TTS-B2441-4         |          |          | TTS-B2441-9         |          |          | TTS-B2441-6         |          |          | TTS-B2441-7         |          |          | TTS-B2441-10              |           |           | TTS-B2441-2               |          |
| 32          | 5        | TTS-B2541-4         |          |          | TTS-B2541-9         |          |          | TTS-B2541-6         |          |          | TTS-B2541-7         |          |          | TTS-B2541-10              |           |           | TTS-B2541-2               |          |
| 63          | 3        | TTS-B3341-4         |          |          | TTS-B3341-6         |          |          | TTS-B3341-9         |          |          | TTS-B3341-7         |          |          |                           |           |           |                           |          |
| 63          | 4        | TTS-B3441-4         |          |          | TTS-B3441-9         |          |          | TTS-B3441-6         |          |          | TTS-B3441-7         |          |          |                           |           |           |                           |          |
| 63          | 5        | TTS-B3541-4         |          |          | TTS-B3541-9         |          |          | TTS-B3541-6         |          |          | TTS-B3541-7         |          |          |                           |           |           |                           |          |



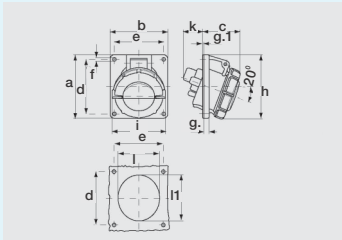
Parameter

| Current (A)                                |     | 16   |     |     | 32  |     |     | 63  |     |     |
|--------------------------------------------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|
| Pole (P)                                   |     | 3    | 4   | 5/7 | 3   | 4   | 5/7 | 3   | 4   | 5/7 |
| Dimension (mm)                             | a   | 73.5 | 100 | 100 | 100 | 100 | 100 | 110 | 110 | 110 |
|                                            | b   | 64   | 92  | 92  | 92  | 92  | 92  | 106 | 106 | 106 |
|                                            | c   | 52   | 58  | 62  | 62  | 62  | 62  | 85  | 85  | 85  |
|                                            | d   | 60   | 85  | 85  | 85  | 85  | 85  | 85  | 85  | 85  |
|                                            | e   | 52   | 77  | 77  | 77  | 77  | 77  | 77  | 77  | 77  |
|                                            | f   | 5.3  | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 6.2 | 6.2 | 6.2 |
|                                            | g   | 7    | 8   | 8   | 8   | 8   | 8   | 12  | 12  | 12  |
|                                            | g.l | 2    | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   |
|                                            | h   | 79   | 105 | 105 | 107 | 107 | 112 | 125 | 125 | 125 |
|                                            | k   | 41   | 41  | 41  | 51  | 51  | 52  | 69  | 69  | 69  |
|                                            | l   | 52   | 60  | 65  | 70  | 70  | 73  | 90  | 90  | 90  |
|                                            | ll  | 60   | 65  | 72  | 82  | 82  | 86  | 103 | 103 | 103 |
| Conductor cross section (mm <sup>2</sup> ) |     | 1.5  | 1.5 | 1.5 | 2.5 | 2.5 | 2.5 | 6   | 6   | 6   |
| Min. - max.                                |     | -4   | -4  | -4  | -10 | -10 | -10 | 25  | 25  | 25  |

IP 67



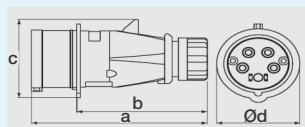
| Voltage (V) |          | 110V<br>50 a. 60 Hz |          |          | 230V<br>50 a. 60 Hz |          |          | 400V<br>50 a. 60 Hz |          |          | 500V<br>50 a. 60 Hz |          |          | >50 - 500 V<br>100-300 Hz |           |           | >50 - 500 V<br>300-500 Hz |          |
|-------------|----------|---------------------|----------|----------|---------------------|----------|----------|---------------------|----------|----------|---------------------|----------|----------|---------------------------|-----------|-----------|---------------------------|----------|
| Current (A) | Pole (P) | 3P<br>4h            | 4P<br>4h | 5P<br>4h | 3P<br>6h            | 4P<br>9h | 5P<br>9h | 3P<br>9h            | 4P<br>6h | 5P<br>6h | 3P<br>7h            | 4P<br>7h | 5P<br>7h | 3P<br>10h                 | 4P<br>10h | 5P<br>10h | 3P<br>2h                  | 4P<br>2h |
| 16          | 3        | TTS-B1361-4         |          |          | TTS-B1361-6         |          |          | TTS-B1361-9         |          |          | TTS-B1361-7         |          |          | TTS-B1361-10              |           |           | TTS-B1361-2               |          |
| 16          | 4        | TTS-B1461-4         |          |          | TTS-B1461-9         |          |          | TTS-B1461-6         |          |          | TTS-B1461-7         |          |          | TTS-B1461-10              |           |           | TTS-B1461-2               |          |
| 16          | 5        | TTS-B1561-4         |          |          | TTS-B1561-9         |          |          | TTS-B1561-6         |          |          | TTS-B1561-7         |          |          | TTS-B1561-10              |           |           | TTS-B1561-2               |          |
| 32          | 3        | TTS-B2361-4         |          |          | TTS-B2361-6         |          |          | TTS-B2361-9         |          |          | TTS-B2361-7         |          |          | TTS-B2361-10              |           |           | TTS-B2361-2               |          |
| 32          | 4        | TTS-B2461-4         |          |          | TTS-B2461-9         |          |          | TTS-B2461-6         |          |          | TTS-B2461-7         |          |          | TTS-B2461-10              |           |           | TTS-B2461-2               |          |
| 32          | 5        | TTS-B2561-4         |          |          | TTS-B2561-9         |          |          | TTS-B2561-6         |          |          | TTS-B2561-7         |          |          | TTS-B2561-10              |           |           | TTS-B2561-2               |          |
| 63          | 3        | TTS-B3361-4         |          |          | TTS-B3361-6         |          |          | TTS-B3361-9         |          |          | TTS-B3361-7         |          |          |                           |           |           |                           |          |
| 63          | 4        | TTS-B3461-4         |          |          | TTS-B3461-9         |          |          | TTS-B3461-6         |          |          | TTS-B3461-7         |          |          |                           |           |           |                           |          |
| 63          | 5        | TTS-B3561-4         |          |          | TTS-B3561-9         |          |          | TTS-B3561-6         |          |          | TTS-B3561-7         |          |          |                           |           |           |                           |          |
| 125         | 3        | TTS-B4361-4         |          |          | TTS-B4361-6         |          |          | TTS-B4361-9         |          |          | TTS-B4361-7         |          |          |                           |           |           |                           |          |
| 125         | 4        | TTS-B4461-4         |          |          | TTS-B4461-9         |          |          | TTS-B4461-6         |          |          | TTS-B4461-7         |          |          |                           |           |           |                           |          |
| 125         | 5        | TTS-B4561-4         |          |          | TTS-B4561-9         |          |          | TTS-B4561-6         |          |          | TTS-B4561-7         |          |          |                           |           |           |                           |          |



Parameter

| Current (A)                                |     | 16   |     |     | 32  |     |     | 63  |     |     | 125 |     |     |
|--------------------------------------------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Pole (P)                                   |     | 3    | 4   | 5/7 | 3   | 4   | 5/7 | 3   | 4   | 5   | 3   | 4   | 5   |
| Dimension (mm)                             | a   | 73.5 | 100 | 100 | 100 | 100 | 100 | 110 | 110 | 110 | 114 | 114 | 114 |
|                                            | b   | 64   | 92  | 92  | 92  | 92  | 92  | 106 | 106 | 106 | 110 | 110 | 110 |
|                                            | c   | 52   | 59  | 62  | 64  | 64  | 66  | 85  | 85  | 85  | 85  | 85  | 85  |
|                                            | d   | 60   | 85  | 85  | 85  | 85  | 85  | 85  | 85  | 85  | 90  | 90  | 90  |
|                                            | e   | 52   | 77  | 77  | 77  | 77  | 77  | 77  | 77  | 77  | 90  | 90  | 90  |
|                                            | f   | 5.3  | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 |
|                                            | g   | 7    | 8   | 8   | 8   | 8   | 8   | 12  | 12  | 12  | 13  | 13  | 13  |
|                                            | g.l | 2    | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   |
|                                            | h   | 84   | 103 | 105 | 109 | 109 | 113 | 125 | 125 | 125 | 135 | 135 | 135 |
|                                            | i   | 78   | 85  | 96  | 103 | 103 | 110 | 117 | 117 | 117 | 135 | 135 | 135 |
|                                            | k   | 41   | 35  | 35  | 54  | 54  | 54  | 69  | 69  | 69  | 103 | 103 | 103 |
|                                            | l   | 52   | 60  | 65  | 70  | 70  | 73  | 90  | 90  | 90  |     |     |     |
|                                            | ll  | 60   | 65  | 72  | 82  | 82  | 86  | 103 | 103 | 103 |     |     |     |
|                                            | R   |      |     |     |     |     |     |     |     |     | 47  | 47  | 47  |
| Conductor cross section (mm <sup>2</sup> ) |     | 1.5  | 1.5 | 1.5 | 2.5 | 2.5 | 2.5 | 6   | 6   | 6   | 25  | 25  | 25  |
| Min. - max.                                |     | -4   | -4  | -4  | -10 | -10 | -10 | -25 | -25 | -25 | 70  | 70  | 70  |

## Plugs

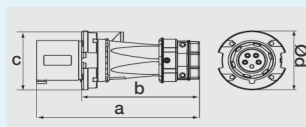


### IP 44

| Voltage (V) |          | 110V        |          |          | 230V        |          |          | 400V        |          |          | 500V        |          |          | >50 - 500 V |           |           | >50 - 500 V |          |  |
|-------------|----------|-------------|----------|----------|-------------|----------|----------|-------------|----------|----------|-------------|----------|----------|-------------|-----------|-----------|-------------|----------|--|
|             |          | 50 a. 60 Hz |          |          | 50 a. 60 Hz |          |          | 50 a. 60 Hz |          |          | 50 a. 60 Hz |          |          | 100-300 Hz  |           |           | 300-500 Hz  |          |  |
| Current (A) | Pole (P) | 3P<br>4h    | 4P<br>4h | 5P<br>4h | 3P<br>6h    | 4P<br>9h | 5P<br>9h | 3P<br>9h    | 4P<br>6h | 5P<br>6h | 3P<br>7h    | 4P<br>7h | 5P<br>7h | 3P<br>10h   | 4P<br>10h | 5P<br>10h | 3P<br>2h    | 4P<br>2h |  |
| 16          | 3        | TTS-A134-4  |          |          | TTS-A134-6  |          |          | TTS-A134-9  |          |          | TTS-A134-7  |          |          | TTS-A134-10 |           |           | TTS-A134-2  |          |  |
| 16          | 4        | TTS-A144-4  |          |          | TTS-A144-9  |          |          | TTS-A144-6  |          |          | TTS-A144-7  |          |          | TTS-A144-10 |           |           | TTS-A144-2  |          |  |
| 16          | 5        | TTS-A154-4  |          |          | TTS-A154-9  |          |          | TTS-A154-6  |          |          | TTS-A154-7  |          |          | TTS-A154-10 |           |           | TTS-A154-2  |          |  |
| 32          | 3        | TTS-A234-4  |          |          | TTS-A234-6  |          |          | TTS-A234-9  |          |          | TTS-A234-7  |          |          | TTS-A234-10 |           |           | TTS-A234-2  |          |  |
| 32          | 4        | TTS-A244-4  |          |          | TTS-A244-9  |          |          | TTS-A244-6  |          |          | TTS-A244-7  |          |          | TTS-A244-10 |           |           | TTS-A244-2  |          |  |
| 32          | 5        | TTS-A254-4  |          |          | TTS-A254-9  |          |          | TTS-A254-6  |          |          | TTS-A254-7  |          |          | TTS-A254-10 |           |           | TTS-A254-2  |          |  |

#### Parameter

| Current (A)                   |   | 16    |       |       | 32  |     |      |
|-------------------------------|---|-------|-------|-------|-----|-----|------|
| Pole (P)                      |   | 3     | 4     | 5     | 3   | 4   | 5    |
| Dimension (mm)                | a | 142   | 144   | 147   | 186 | 186 | 180  |
|                               | b | 105.2 | 110.5 | 110.5 | 141 | 141 | 137  |
|                               | c | 59    | 69.4  | 76    | 81  | 81  | 89.5 |
|                               | d | 53    | 59    | 67    | 70  | 70  | 77   |
| Conductor cross section (mm²) |   | 1.5   | 1.5   | 1.5   | 2.5 | 2.5 | 2.5  |
| Min. - max.                   |   | -4    | -4    | -4    | -10 | -10 | -10  |

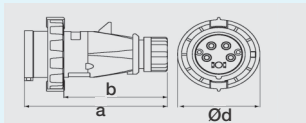


### IP 44

| Voltage (V) |          | 110V        |          |          | 230V        |          |          | 400V        |          |          | 500V        |          |          |
|-------------|----------|-------------|----------|----------|-------------|----------|----------|-------------|----------|----------|-------------|----------|----------|
|             |          | 50 a. 60 Hz |          |          | 50 a. 60 Hz |          |          | 50 a. 60 Hz |          |          | 50 a. 60 Hz |          |          |
| Current (A) | Pole (P) | 3P<br>4h    | 4P<br>4h | 5P<br>4h | 3P<br>6h    | 4P<br>9h | 5P<br>9h | 3P<br>9h    | 4P<br>6h | 5P<br>6h | 3P<br>7h    | 4P<br>7h | 5P<br>7h |
| 63          | 3        | TTS-A334-4  |          |          | TTS-A334-6  |          |          | TTS-A334-9  |          |          | TTS-A334-7  |          |          |
| 63          | 4        | TTS-A344-4  |          |          | TTS-A344-9  |          |          | TTS-A344-6  |          |          | TTS-A344-7  |          |          |
| 63          | 5        | TTS-A354-4  |          |          | TTS-A354-9  |          |          | TTS-A354-6  |          |          | TTS-A354-7  |          |          |

#### Parameter

| Current (A)                   |   | 63    |       |       |
|-------------------------------|---|-------|-------|-------|
| Pole (P)                      |   | 3     | 4     | 5     |
| Dimension (mm)                | a | 238.3 | 238.3 | 238.3 |
|                               | b | 172.3 | 172.3 | 172.3 |
|                               | c | 100.7 | 100.7 | 100.7 |
|                               | d | 102.5 | 102.5 | 102.5 |
| Conductor cross section (mm²) |   | 6     | 6     | 6     |
| Min. - max.                   |   | -25   | -25   | -25   |

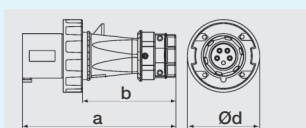


### IP 67

| Voltage (V) |          | 110V        |          |          | 230V        |          |          | 400V        |          |          | 500V        |          |          | >50 - 500 V |           |           | >50 - 500 V |          |  |
|-------------|----------|-------------|----------|----------|-------------|----------|----------|-------------|----------|----------|-------------|----------|----------|-------------|-----------|-----------|-------------|----------|--|
|             |          | 50 a. 60 Hz |          |          | 50 a. 60 Hz |          |          | 50 a. 60 Hz |          |          | 50 a. 60 Hz |          |          | 100-300 Hz  |           |           | 300-500 Hz  |          |  |
| Current (A) | Pole (P) | 3P<br>4h    | 4P<br>4h | 5P<br>4h | 3P<br>6h    | 4P<br>9h | 5P<br>9h | 3P<br>9h    | 4P<br>6h | 5P<br>6h | 3P<br>7h    | 4P<br>7h | 5P<br>7h | 3P<br>10h   | 4P<br>10h | 5P<br>10h | 3P<br>2h    | 4P<br>2h |  |
| 16          | 3        | TTS-A136-4  |          |          | TTS-A136-6  |          |          | TTS-A136-9  |          |          | TTS-A136-7  |          |          | TTS-A136-10 |           |           | TTS-A136-2  |          |  |
| 16          | 4        | TTS-A146-4  |          |          | TTS-A146-9  |          |          | TTS-A146-6  |          |          | TTS-A146-7  |          |          | TTS-A146-10 |           |           | TTS-A146-2  |          |  |
| 16          | 5        | TTS-A156-4  |          |          | TTS-A156-9  |          |          | TTS-A156-6  |          |          | TTS-A156-7  |          |          | TTS-A156-10 |           |           | TTS-A156-2  |          |  |
| 32          | 3        | TTS-A236-4  |          |          | TTS-A236-6  |          |          | TTS-A236-9  |          |          | TTS-A236-7  |          |          | TTS-A236-10 |           |           | TTS-A236-2  |          |  |
| 32          | 4        | TTS-A246-4  |          |          | TTS-A246-9  |          |          | TTS-A246-6  |          |          | TTS-A246-7  |          |          | TTS-A246-10 |           |           | TTS-A246-2  |          |  |
| 32          | 5        | TTS-A256-4  |          |          | TTS-A256-9  |          |          | TTS-A256-6  |          |          | TTS-A256-7  |          |          | TTS-A256-10 |           |           | TTS-A256-2  |          |  |

#### Parameter

| Current (A)                   |   | 16   |       |       | 32  |     |     |
|-------------------------------|---|------|-------|-------|-----|-----|-----|
| Pole (P)                      |   | 3    | 4     | 5     | 3   | 4   | 5   |
| Dimension (mm)                | a | 142  | 144   | 147   | 186 | 186 | 180 |
|                               | b | 97.2 | 102.5 | 102.5 | 133 | 133 | 129 |
|                               | c | 70   | 78    | 87    | 94  | 94  | 101 |
| Conductor cross section (mm²) |   | 1.5  | 1.5   | 1.5   | 2.5 | 2.5 | 2.5 |
| Min. - max.                   |   | -4   | -4    | -4    | -10 | -10 | -10 |



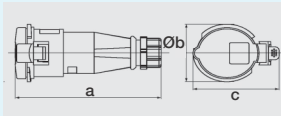
### IP 67

| Voltage (V) |          | 110V        |          |          | 230V        |          |          | 400V        |          |          | 500V        |          |          |
|-------------|----------|-------------|----------|----------|-------------|----------|----------|-------------|----------|----------|-------------|----------|----------|
|             |          | 50 a. 60 Hz |          |          | 50 a. 60 Hz |          |          | 50 a. 60 Hz |          |          | 50 a. 60 Hz |          |          |
| Current (A) | Pole (P) | 3P<br>4h    | 4P<br>4h | 5P<br>4h | 3P<br>6h    | 4P<br>9h | 5P<br>9h | 3P<br>9h    | 4P<br>6h | 5P<br>6h | 3P<br>7h    | 4P<br>7h | 5P<br>7h |
| 63          | 3        | TTS-A336-4  |          |          | TTS-A336-6  |          |          | TTS-A336-9  |          |          | TTS-A336-7  |          |          |
| 63          | 4        | TTS-A346-4  |          |          | TTS-A346-9  |          |          | TTS-A346-6  |          |          | TTS-A346-7  |          |          |
| 63          | 5        | TTS-A356-4  |          |          | TTS-A356-9  |          |          | TTS-A356-6  |          |          | TTS-A356-7  |          |          |
| 125         | 3        | TTS-A436-4  |          |          | TTS-A436-6  |          |          | TTS-A436-9  |          |          | TTS-A436-7  |          |          |
| 125         | 4        | TTS-A446-4  |          |          | TTS-A446-9  |          |          | TTS-A446-6  |          |          | TTS-A446-7  |          |          |
| 125         | 5        | TTS-A456-4  |          |          | TTS-A456-9  |          |          | TTS-A456-6  |          |          | TTS-A456-7  |          |          |

#### Parameter

| Current (A)                   |   | 63    |       |       | 125   |       |       |
|-------------------------------|---|-------|-------|-------|-------|-------|-------|
| Pole (P)                      |   | 3     | 4     | 5     | 3     | 4     | 5     |
| Dimension (mm)                | a | 238.3 | 238.3 | 238.3 | 291.1 | 291.1 | 291.1 |
|                               | b | 155.3 | 155.3 | 155.3 | 210   | 210   | 210   |
|                               | c | 112.2 | 112.2 | 112.2 | 131   | 131   | 131   |
| Conductor cross section (mm²) |   | 6     | 6     | 6     | 25    | 25    | 25    |
| Min. - max.                   |   | -25   | -25   | -25   | -70   | -70   | -70   |

Connectors

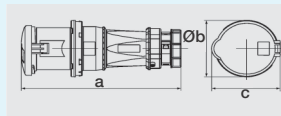


IP 44

| Voltage (V) |          | 110V        |          |          | 230V        |          |          | 400V        |          |          | 500V        |          |          | >50 - 500 V |           |           | >50 - 500 V |          |  |
|-------------|----------|-------------|----------|----------|-------------|----------|----------|-------------|----------|----------|-------------|----------|----------|-------------|-----------|-----------|-------------|----------|--|
|             |          | 50 a. 60 Hz |          |          | 50 a. 60 Hz |          |          | 50 a. 60 Hz |          |          | 50 a. 60 Hz |          |          | 100-300 Hz  |           |           | 300-500 Hz  |          |  |
| Current (A) | Pole (P) | 3P<br>4h    | 4P<br>4h | 5P<br>4h | 3P<br>6h    | 4P<br>9h | 5P<br>9h | 3P<br>9h    | 4P<br>6h | 5P<br>6h | 3P<br>7h    | 4P<br>7h | 5P<br>7h | 3P<br>10h   | 4P<br>10h | 5P<br>10h | 3P<br>2h    | 4P<br>2h |  |
| 16          | 3        | TTS-C134-4  |          |          | TTS-C134-6  |          |          | TTS-C134-9  |          |          | TTS-C134-7  |          |          | TTS-C134-10 |           |           | TTS-C134-2  |          |  |
| 16          | 4        | TTS-C144-4  |          |          | TTS-C144-9  |          |          | TTS-C144-6  |          |          | TTS-C144-7  |          |          | TTS-C144-10 |           |           | TTS-C144-2  |          |  |
| 16          | 5        | TTS-C154-4  |          |          | TTS-C154-9  |          |          | TTS-C154-6  |          |          | TTS-C154-7  |          |          | TTS-C154-10 |           |           | TTS-C154-2  |          |  |
| 32          | 3        | TTS-C234-4  |          |          | TTS-C234-6  |          |          | TTS-C234-9  |          |          | TTS-C234-7  |          |          | TTS-C234-10 |           |           | TTS-C234-2  |          |  |
| 32          | 4        | TTS-C244-4  |          |          | TTS-C244-9  |          |          | TTS-C244-6  |          |          | TTS-C244-7  |          |          | TTS-C244-10 |           |           | TTS-C244-2  |          |  |
| 32          | 5        | TTS-C254-4  |          |          | TTS-C254-9  |          |          | TTS-C254-6  |          |          | TTS-C254-7  |          |          | TTS-C254-10 |           |           | TTS-C254-2  |          |  |

Parameter

| Current (A)                                |   | 16  |     |     | 32  |     |     |
|--------------------------------------------|---|-----|-----|-----|-----|-----|-----|
| Pole (P)                                   |   | 3   | 4   | 5   | 3   | 4   | 5   |
| Dimension (mm)                             | a | 162 | 165 | 167 | 209 | 209 | 209 |
|                                            | b | 60  | 68  | 76  | 82  | 82  | 82  |
|                                            | c | 83  | 92  | 98  | 100 | 100 | 108 |
| Conductor cross section (mm <sup>2</sup> ) |   | 1.5 | 1.5 | 1.5 | 2.5 | 2.5 | 2.5 |
| Min. - max.                                |   | -4  | -4  | -4  | -10 | -10 | -10 |

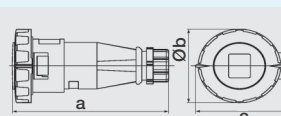


IP 44

| Voltage (V) |          | 110V        |          |          | 230V        |          |          | 400V        |          |          | 500V        |          |          |
|-------------|----------|-------------|----------|----------|-------------|----------|----------|-------------|----------|----------|-------------|----------|----------|
|             |          | 50 a. 60 Hz |          |          | 50 a. 60 Hz |          |          | 50 a. 60 Hz |          |          | 50 a. 60 Hz |          |          |
| Current (A) | Pole (P) | 3P<br>4h    | 4P<br>4h | 5P<br>4h | 3P<br>6h    | 4P<br>9h | 5P<br>9h | 3P<br>9h    | 4P<br>6h | 5P<br>6h | 3P<br>7h    | 4P<br>7h | 5P<br>7h |
| 63          | 3        | TTS-C334-4  |          |          | TTS-C334-6  |          |          | TTS-C334-9  |          |          | TTS-C334-7  |          |          |
| 63          | 4        | TTS-C344-4  |          |          | TTS-C344-9  |          |          | TTS-C344-6  |          |          | TTS-C344-7  |          |          |
| 63          | 5        | TTS-C354-4  |          |          | TTS-C354-9  |          |          | TTS-C354-6  |          |          | TTS-C354-7  |          |          |

Parameter

| Current (A)                                |   | 63  |     |     |
|--------------------------------------------|---|-----|-----|-----|
| Pole (P)                                   |   | 3   | 4   | 5   |
| Dimension (mm)                             | a | 268 | 268 | 268 |
|                                            | b | 95  | 95  | 95  |
|                                            | c | 109 | 109 | 109 |
| Conductor cross section (mm <sup>2</sup> ) |   | 6   | 6   | 6   |
| Min. - max.                                |   | -25 | -25 | -25 |

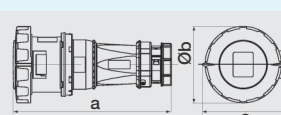


IP 67

| Voltage (V) |          | 110V        |          |          | 230V        |          |          | 400V        |          |          | 500V        |          |          | >50 - 500 V |           |           | >50 - 500 V |          |  |
|-------------|----------|-------------|----------|----------|-------------|----------|----------|-------------|----------|----------|-------------|----------|----------|-------------|-----------|-----------|-------------|----------|--|
|             |          | 50 a. 60 Hz |          |          | 50 a. 60 Hz |          |          | 50 a. 60 Hz |          |          | 50 a. 60 Hz |          |          | 100-300 Hz  |           |           | 300-500 Hz  |          |  |
| Current (A) | Pole (P) | 3P<br>4h    | 4P<br>4h | 5P<br>4h | 3P<br>6h    | 4P<br>9h | 5P<br>9h | 3P<br>9h    | 4P<br>6h | 5P<br>6h | 3P<br>7h    | 4P<br>7h | 5P<br>7h | 3P<br>10h   | 4P<br>10h | 5P<br>10h | 3P<br>2h    | 4P<br>2h |  |
| 16          | 3        | TTS-C136-4  |          |          | TTS-C136-6  |          |          | TTS-C136-9  |          |          | TTS-C136-7  |          |          | TTS-C136-10 |           |           | TTS-C136-2  |          |  |
| 16          | 4        | TTS-C146-4  |          |          | TTS-C146-9  |          |          | TTS-C146-6  |          |          | TTS-C146-7  |          |          | TTS-C146-10 |           |           | TTS-C146-2  |          |  |
| 16          | 5        | TTS-C156-4  |          |          | TTS-C156-9  |          |          | TTS-C156-6  |          |          | TTS-C156-7  |          |          | TTS-C156-10 |           |           | TTS-C156-2  |          |  |
| 32          | 3        | TTS-C236-4  |          |          | TTS-C236-6  |          |          | TTS-C236-9  |          |          | TTS-C236-7  |          |          | TTS-C236-10 |           |           | TTS-C236-2  |          |  |
| 32          | 4        | TTS-C246-4  |          |          | TTS-C246-9  |          |          | TTS-C246-6  |          |          | TTS-C246-7  |          |          | TTS-C246-10 |           |           | TTS-C246-2  |          |  |
| 32          | 5        | TTS-C256-4  |          |          | TTS-C256-9  |          |          | TTS-C256-6  |          |          | TTS-C256-7  |          |          | TTS-C256-10 |           |           | TTS-C256-2  |          |  |

Parameter

| Current (A)                                |   | 16  |     |     | 32  |     |     |
|--------------------------------------------|---|-----|-----|-----|-----|-----|-----|
| Pole (P)                                   |   | 3   | 4   | 5   | 3   | 4   | 5   |
| Dimension (mm)                             | a | 146 | 166 | 172 | 212 | 212 | 213 |
|                                            | b | 72  | 79  | 89  | 96  | 96  | 102 |
|                                            | c | 80  | 88  | 95  | 98  | 98  | 105 |
| Conductor cross section (mm <sup>2</sup> ) |   | 1.5 | 1.5 | 1.5 | 2.5 | 2.5 | 2.5 |
| Min. - max.                                |   | -4  | -4  | -4  | -10 | -10 | -10 |



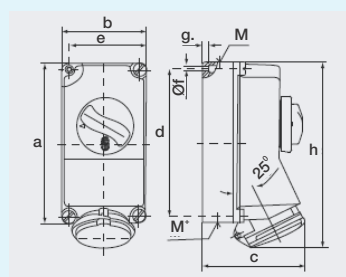
IP 67

| Voltage (V) |          | 110V        |          |          | 230V        |          |          | 400V        |          |          | 500V        |          |          |
|-------------|----------|-------------|----------|----------|-------------|----------|----------|-------------|----------|----------|-------------|----------|----------|
|             |          | 50 a. 60 Hz |          |          | 50 a. 60 Hz |          |          | 50 a. 60 Hz |          |          | 50 a. 60 Hz |          |          |
| Current (A) | Pole (P) | 3P<br>4h    | 4P<br>4h | 5P<br>4h | 3P<br>6h    | 4P<br>9h | 5P<br>9h | 3P<br>9h    | 4P<br>6h | 5P<br>6h | 3P<br>7h    | 4P<br>7h | 5P<br>7h |
| 63          | 3        | TTS-C336-4  |          |          | TTS-C336-6  |          |          | TTS-C336-9  |          |          | TTS-C336-7  |          |          |
| 63          | 4        | TTS-C346-4  |          |          | TTS-C346-9  |          |          | TTS-C346-6  |          |          | TTS-C346-7  |          |          |
| 63          | 5        | TTS-C356-4  |          |          | TTS-C356-9  |          |          | TTS-C356-6  |          |          | TTS-C356-7  |          |          |

Parameter

| Current (A)                                |   | 63  |     |     |
|--------------------------------------------|---|-----|-----|-----|
| Pole (P)                                   |   | 3   | 4   | 5   |
| Dimension (mm)                             | a | 270 | 270 | 270 |
|                                            | b | 113 | 113 | 113 |
|                                            | c | 123 | 123 | 123 |
| Conductor cross section (mm <sup>2</sup> ) |   | 6   | 6   | 6   |
| Min. - max.                                |   | -25 | -25 | -25 |

## Interlock Units



### IP 44

| Voltage (V) |          | 110V<br>50 a. 60 Hz |          |          | 230V<br>50 a. 60 Hz |          |          | 400V<br>50 a. 60 Hz |          |          | 500V<br>50 a. 60 Hz |          |          |
|-------------|----------|---------------------|----------|----------|---------------------|----------|----------|---------------------|----------|----------|---------------------|----------|----------|
| Current (A) | Pole (P) | 3P<br>4h            | 4P<br>4h | 5P<br>4h | 3P<br>6h            | 4P<br>9h | 5P<br>9h | 3P<br>9h            | 4P<br>6h | 5P<br>6h | 3P<br>7h            | 4P<br>7h | 5P<br>7h |
| 16          | 3        | TTS-I134-4          |          |          | TTS-I134-6          |          |          | TTS-I134-9          |          |          | TTS-I134-7          |          |          |
| 16          | 4        | TTS-I144-4          |          |          | TTS-I144-9          |          |          | TTS-I144-6          |          |          | TTS-I144-7          |          |          |
| 16          | 5        | TTS-I154-4          |          |          | TTS-I154-9          |          |          | TTS-I154-6          |          |          | TTS-I154-7          |          |          |
| 32          | 3        | TTS-I234-4          |          |          | TTS-I234-6          |          |          | TTS-I234-9          |          |          | TTS-I234-7          |          |          |
| 32          | 4        | TTS-I244-4          |          |          | TTS-I244-9          |          |          | TTS-I244-6          |          |          | TTS-I244-7          |          |          |
| 32          | 5        | TTS-I254-4          |          |          | TTS-I254-9          |          |          | TTS-I254-6          |          |          | TTS-I254-7          |          |          |
| 63          | 3        | TTS-I334-4          |          |          | TTS-I334-6          |          |          | TTS-I334-9          |          |          | TTS-I334-7          |          |          |
| 63          | 4        | TTS-I344-4          |          |          | TTS-I344-9          |          |          | TTS-I344-6          |          |          | TTS-I344-7          |          |          |
| 63          | 5        | TTS-I354-4          |          |          | TTS-I354-9          |          |          | TTS-I354-6          |          |          | TTS-I354-7          |          |          |

#### Parameter

| Current (A)    |                                            | 16   |      |      | 32   |      |      | 63   |      |      |
|----------------|--------------------------------------------|------|------|------|------|------|------|------|------|------|
| Pole (P)       |                                            | 3    | 4    | 5    | 3    | 4    | 5    | 3    | 4    | 5    |
| Dimension (mm) | a                                          | 225  | 225  | 225  | 225  | 225  | 225  | 264  | 264  | 264  |
|                | b                                          | 118  | 118  | 118  | 118  | 118  | 118  | 163  | 163  | 163  |
|                | c                                          | 141  | 141  | 141  | 146  | 146  | 146  | 192  | 192  | 192  |
|                | d                                          | 208  | 208  | 208  | 208  | 208  | 208  | 240  | 240  | 240  |
|                | e                                          | 101  | 101  | 101  | 101  | 101  | 101  | 140  | 140  | 140  |
|                | f                                          | 6.3  | 6.3  | 6.3  | 6.3  | 6.3  | 6.3  | 8.1  | 8.1  | 8.1  |
|                | g                                          | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    |
|                | h                                          | 250  | 252  | 254  | 264  | 264  | 264  | 300  | 300  | 300  |
|                | M                                          | 2x32 | 2x32 | 2x32 | 2x32 | 2x32 | 2x32 | 40   | 40   | 40   |
|                | M-                                         | 2x25 | 2x25 | 2x25 | 2x25 | 2x25 | 2x25 | 2x40 | 2x40 | 2x40 |
|                | Max cable diameter (mm)                    | 25   | 25   | 25   | 25   | 25   | 25   | 32   | 32   | 32   |
|                | Conductor cross section (mm <sup>2</sup> ) | 1.5  | 1.5  | 1.5  | 2.5  | 2.5  | 2.5  | 6    | 6    | 6    |
| Min.- max      |                                            | -4   | -4   | -4   | -10  | -10  | -10  | -25  | -25  | -25  |

### IP 67

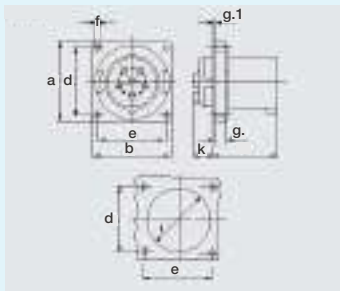
| Voltage (V) |          | 110V<br>50 a. 60 Hz |          |          | 230V<br>50 a. 60 Hz |          |          | 400V<br>50 a. 60 Hz |          |          | 500V<br>50 a. 60 Hz |          |          |
|-------------|----------|---------------------|----------|----------|---------------------|----------|----------|---------------------|----------|----------|---------------------|----------|----------|
| Current (A) | Pole (P) | 3P<br>4h            | 4P<br>4h | 5P<br>4h | 3P<br>6h            | 4P<br>9h | 5P<br>9h | 3P<br>9h            | 4P<br>6h | 5P<br>6h | 3P<br>7h            | 4P<br>7h | 5P<br>7h |
| 16          | 3        | TTS-I136-4          |          |          | TTS-I136-6          |          |          | TTS-I136-9          |          |          | TTS-I136-7          |          |          |
| 16          | 4        | TTS-I146-4          |          |          | TTS-I146-9          |          |          | TTS-I146-6          |          |          | TTS-I146-7          |          |          |
| 16          | 5        | TTS-I156-4          |          |          | TTS-I156-9          |          |          | TTS-I156-6          |          |          | TTS-I156-7          |          |          |
| 32          | 3        | TTS-I236-4          |          |          | TTS-I236-6          |          |          | TTS-I236-9          |          |          | TTS-I236-7          |          |          |
| 32          | 4        | TTS-I246-4          |          |          | TTS-I246-9          |          |          | TTS-I246-6          |          |          | TTS-I246-7          |          |          |
| 32          | 5        | TTS-I256-4          |          |          | TTS-I256-9          |          |          | TTS-I256-6          |          |          | TTS-I256-7          |          |          |
| 63          | 3        | TTS-I336-4          |          |          | TTS-I336-6          |          |          | TTS-I334-9          |          |          | TTS-I334-7          |          |          |
| 63          | 4        | TTS-I346-4          |          |          | TTS-I346-9          |          |          | TTS-I344-6          |          |          | TTS-I344-7          |          |          |
| 63          | 5        | TTS-I356-4          |          |          | TTS-I356-9          |          |          | TTS-I354-6          |          |          | TTS-I354-7          |          |          |

#### Parameter

| Current (A)    |                                            | 16   |      |      | 32   |      |      | 63   |      |      |
|----------------|--------------------------------------------|------|------|------|------|------|------|------|------|------|
| Pole (P)       |                                            | 3    | 4    | 5/7  | 3    | 4    | 5/7  | 3    | 4    | 5    |
| Dimension (mm) | a                                          | 225  | 225  | 225  | 225  | 225  | 225  | 264  | 264  | 264  |
|                | b                                          | 118  | 118  | 118  | 118  | 118  | 118  | 163  | 163  | 163  |
|                | c                                          | 144  | 146  | 147  | 152  | 152  | 153  | 196  | 196  | 196  |
|                | d                                          | 208  | 208  | 208  | 208  | 208  | 208  | 240  | 240  | 240  |
|                | e                                          | 101  | 101  | 101  | 101  | 101  | 101  | 140  | 140  | 140  |
|                | f                                          | 6.3  | 6.3  | 6.3  | 6.3  | 6.3  | 6.3  | 8.1  | 8.1  | 8.1  |
|                | g                                          | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8    |
|                | h                                          | 252  | 255  | 259  | 268  | 268  | 274  | 300  | 300  | 300  |
|                | M                                          | 2x32 | 2x32 | 2x32 | 2x32 | 2x32 | 2x32 | 40   | 40   | 40   |
|                | M+                                         | 2x25 | 2x25 | 2x25 | 2x25 | 2x25 | 2x25 | 2x40 | 2x40 | 2x40 |
|                | Max cable diameter (mm)                    | 25   | 25   | 25   | 25   | 25   | 25   | 32   | 32   | 32   |
|                | Conductor cross section (mm <sup>2</sup> ) | 1.5  | 1.5  | 1.5  | 2.5  | 2.5  | 2.5  | 6    | 6    | 6    |
| Min.- Max      |                                            | -4   | -4   | -4   | -10  | -10  | -10  | -25  | -25  | -25  |



Panel Inlets



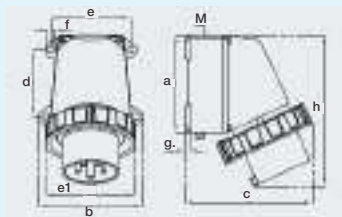
IP 44

| Voltage (V) |          | 110V        |          |          | 230V        |          |          | 400V        |          |          | 500V        |          |          |
|-------------|----------|-------------|----------|----------|-------------|----------|----------|-------------|----------|----------|-------------|----------|----------|
|             |          | 50 a. 60 Hz |          |          | 50 a. 60 Hz |          |          | 50 a. 60 Hz |          |          | 50 a. 60 Hz |          |          |
| Current (A) | Pole (P) | 3P<br>4h    | 4P<br>4h | 5P<br>4h | 3P<br>6h    | 4P<br>9h | 5P<br>9h | 3P<br>9h    | 4P<br>6h | 5P<br>6h | 3P<br>7h    | 4P<br>7h | 5P<br>7h |
| 16          | 3        | TTS-EI34-4  |          |          | TTS-EI34-6  |          |          | TTS-EI34-9  |          |          | TTS-EI34-7  |          |          |
| 16          | 4        | TTS-EI44-4  |          |          | TTS-EI44-9  |          |          | TTS-EI44-6  |          |          | TTS-EI44-7  |          |          |
| 16          | 5        | TTS-EI54-4  |          |          | TTS-EI54-9  |          |          | TTS-EI54-6  |          |          | TTS-EI54-7  |          |          |
| 32          | 3        | TTS-E234-4  |          |          | TTS-E234-6  |          |          | TTS-E234-9  |          |          | TTS-E234-7  |          |          |
| 32          | 4        | TTS-E244-4  |          |          | TTS-E244-9  |          |          | TTS-E244-6  |          |          | TTS-E244-7  |          |          |
| 32          | 5        | TTS-E254-4  |          |          | TTS-E254-9  |          |          | TTS-E254-6  |          |          | TTS-E254-7  |          |          |
| 63          | 3        | TTS-E334-4  |          |          | TTS-E334-6  |          |          | TTS-E334-9  |          |          | TTS-E334-7  |          |          |
| 63          | 4        | TTS-E344-4  |          |          | TTS-E344-9  |          |          | TTS-E344-6  |          |          | TTS-E344-7  |          |          |
| 63          | 5        | TTS-E354-4  |          |          | TTS-E354-9  |          |          | TTS-E354-6  |          |          | TTS-E354-7  |          |          |

Parameter

| Current (A)                   | Pole (P) | 16   |      |      | 32   |      |      | 63  |     |     |
|-------------------------------|----------|------|------|------|------|------|------|-----|-----|-----|
|                               |          | 3    | 4    | 5    | 3    | 4    | 5    | 3   | 4   | 5   |
| Dimension(mm)                 | a        | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 110 | 110 | 110 |
|                               | b        | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 106 | 106 | 106 |
|                               | c        | 72   | 72   | 72   | 90   | 90   | 90   | 85  | 85  | 85  |
|                               | d        | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 90  | 90  | 90  |
|                               | e        | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 90  | 90  | 90  |
|                               | f        | 5.5  | 5.5  | 5.5  | 5.5  | 5.5  | 5.5  | 5.5 | 5.5 | 5.5 |
|                               | g        | 11   | 11   | 11   | 11   | 11   | 11   | 12  | 12  | 12  |
|                               | g.1      | 2    | 2    | 2    | 2    | 2    | 2    | 2   | 2   | 2   |
|                               | k        | 50   | 50   | 50   | 50   | 50   | 50   | 28  | 28  | 28  |
|                               | l        | 50   | 50   | 50   | 50   | 50   | 50   | 68  | 68  | 68  |
| Conductor cross section (mm2) |          | 1.5  | 1.5  | 1.5  | 2.5  | 2.5  | 2.5  | 6   | 6   | 6   |
| Min.-max                      |          | -4   | -4   | -4   | -10  | -10  | -10  | -16 | -16 | -16 |

Wall Inlets



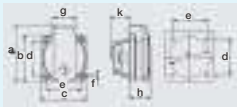
IP 67

| Voltage (V) |          | 110V        |          |          | 230V        |          |          | 400V        |          |          | 500V        |          |          | >50 -500 V  |           |           | >50 - 500 V |          |  |
|-------------|----------|-------------|----------|----------|-------------|----------|----------|-------------|----------|----------|-------------|----------|----------|-------------|-----------|-----------|-------------|----------|--|
|             |          | 50 a. 60 Hz |          |          | 50 a. 60 Hz |          |          | 50 a. 60 Hz |          |          | 50 a. 60 Hz |          |          | 100-300 Hz  |           |           | 300-500 Hz  |          |  |
| Current (A) | Pole (P) | 3P<br>4h    | 4P<br>4h | 5P<br>4h | 3P<br>6h    | 4P<br>9h | 5P<br>9h | 3P<br>9h    | 4P<br>6h | 5P<br>6h | 3P<br>7h    | 4P<br>7h | 5P<br>7h | 3P<br>10h   | 4P<br>10h | 5P<br>10h | 3P<br>2h    | 4P<br>2h |  |
| 16          | 3        | TTS-DI36-4  |          |          | TTS-DI36-6  |          |          | TTS-DI36-9  |          |          | TTS-DI36-7  |          |          | TTS-DI36-10 |           |           | TTS-DI36-2  |          |  |
| 16          | 4        | TTS-DI46-4  |          |          | TTS-DI46-9  |          |          | TTS-DI46-6  |          |          | TTS-DI46-7  |          |          | TTS-DI46-10 |           |           | TTS-DI46-2  |          |  |
| 16          | 5        | TTS-DI56-4  |          |          | TTS-DI56-9  |          |          | TTS-DI56-6  |          |          | TTS-DI56-7  |          |          | TTS-DI56-10 |           |           | TTS-DI56-2  |          |  |
| 32          | 3        | TTS-D236-4  |          |          | TTS-D236-6  |          |          | TTS-D236-9  |          |          | TTS-D236-7  |          |          | TTS-D236-10 |           |           | TTS-D236-2  |          |  |
| 32          | 4        | TTS-D246-4  |          |          | TTS-D246-9  |          |          | TTS-D246-6  |          |          | TTS-D246-7  |          |          | TTS-D246-10 |           |           | TTS-D246-2  |          |  |
| 32          | 5        | TTS-D256-4  |          |          | TTS-D256-9  |          |          | TTS-D256-6  |          |          | TTS-D256-7  |          |          | TTS-D256-10 |           |           | TTS-D256-2  |          |  |
| 63          | 3        | TTS-D336-4  |          |          | TTS-D336-6  |          |          | TTS-D336-9  |          |          | TTS-D336-7  |          |          | TTS-D336-10 |           |           | TTS-D336-2  |          |  |
| 63          | 4        | TTS-D346-4  |          |          | TTS-D346-9  |          |          | TTS-D346-6  |          |          | TTS-D346-7  |          |          | TTS-D346-10 |           |           | TTS-D346-2  |          |  |
| 63          | 5        | TTS-D356-4  |          |          | TTS-D356-9  |          |          | TTS-D356-6  |          |          | TTS-D356-7  |          |          | TTS-D356-10 |           |           | TTS-D356-2  |          |  |

Parameter

| Current (A)                   | Pole (P) | 16                |      |      | 32   |      |      | 63  |     |     |
|-------------------------------|----------|-------------------|------|------|------|------|------|-----|-----|-----|
|                               |          | 3                 | 4    | 5/7  | 3    | 4    | 5/7  | 3   | 4   | 5/7 |
| Dimension (mm)                | a        | 95                | 95   | 95   | 120  | 120  | 120  | 170 | 170 | 170 |
|                               | b        | 102               | 102  | 102  | 112  | 112  | 112  | 118 | 118 | 118 |
|                               | c        | 118               | 123  | 127  | 145  | 145  | 150  | 171 | 171 | 171 |
|                               | d        | 64.2              | 64.2 | 64.2 | 90.2 | 90.2 | 90.2 | 136 | 136 | 136 |
|                               | e        | 77.5              | 77.5 | 77.5 | 79   | 79   | 79   | 104 | 104 | 104 |
|                               | el       | 88                | 88   | 88   | 98.5 | 98.5 | 98.5 |     |     |     |
|                               | f        | 5.5               | 5.5  | 5.5  | 5.5  | 5.5  | 5.5  | 6.1 | 6.1 | 6.1 |
|                               | g        | 5                 | 5    | 5    | 5    | 5    | 5    | 6   | 6   | 6   |
|                               | h        | 144               | 146  | 147  | 189  | 189  | 189  | 250 | 250 | 250 |
|                               | M        | 25                | 25   | 25   | 32   | 32   | 32   | 40  | 40  | 40  |
| M+ 1xM25 (removable)          |          | 1xM32 (removable) |      |      | 2x40 |      |      | 25* | 25* | 25* |
| Max cable diameter (mm)       |          | 18                | 18   | 18   | 25   | 25   | 25   | 32  | 32  | 32  |
| Conductor cross section (mm2) |          | 1.5               | 1.5  | 1.5  | 2.5  | 2.5  | 2.5  | 4   | 4   | 4   |
| Min.-max                      |          | -4                | -4   | -4   | -10  | -10  | -10  | -10 | -10 | -10 |

Schuko Type Socket



IP 54

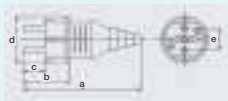
| Color | Current (A) | Voltage (V) | Clamp      | Screw |
|-------|-------------|-------------|------------|-------|
| Gray  | 16          | 230         | TTS-BI15-2 |       |
| Blue  | 16          | 230         | TTS-BI25-2 |       |
| Black | 16          | 230         | TTS-BI35-2 |       |
| Red   | 16          | 230         | TTS-BI45-2 |       |

With hinged lid, 3 plug-in terminals or 3 screw terminals as connecting terminals, conductor cross-sectional area of 1.5-2.5 mm<sup>2</sup>, 4 mounting holes in flange

Parameter

| Current(A) | 16     |
|------------|--------|
| a          | 61     |
| b          | 50     |
| c          | 50     |
| d          | 38     |
| e          | 38     |
| f          | 4.5    |
| g          | 24.2   |
| h          | 23     |
| k          | 21.7   |
| l          | Ø 44.5 |

Schuko Type Plug



IP 44

| Current (A) | Voltage (V) | Model No. |
|-------------|-------------|-----------|
| 16          | 230         | TTS-A114  |

Parameter

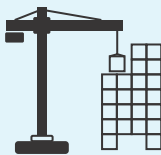
| Current (A) | 16  |
|-------------|-----|
| Pole (P)    | 2   |
| a           | 105 |
| b           | 42  |
| c           | 19  |
| d           | 41  |
| e           | 105 |

Configuration

T = Wall Sockets (F), Panel mounted Sockets (B), Plug (A), Connectors (C),  
Interlock Units (I), Panel Inlets (E), Wall Inlets (D)  
X = Current (A),  
Y = Pins (P),  
Z = IP 44/IP 67

| TTS                                     | T | X | Y | Z | 6 |
|-----------------------------------------|---|---|---|---|---|
| Trinity Touch Plugs and Sockets         |   |   |   |   |   |
| Type                                    |   |   |   |   |   |
| Ampere                                  |   |   |   |   |   |
| Pins                                    |   |   |   |   |   |
| IP                                      |   |   |   |   |   |
| Hour position (as per indian standards) |   |   |   |   |   |

Application Area



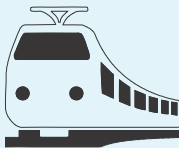
Construction



Panel Building



Power Industry



Railway



Steel Industries



Cement  
Factories



Manufacturing &  
OEM Industries

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