

S-U

FORK TERMINAL, NON-INSULATED, WITH BRAZED NECK, FOR COPPER CONDUCTORS



Features

TECHNICAL INFORMATION

|                               |             |
|-------------------------------|-------------|
| Minimum operating temperature | -50°C       |
| Maximum operating temperature | 150°C       |
| Surface treatment             | tin plating |
| Crimping geometry             | indent      |

MATERIAL COMPOSITION AND TREATMENTS

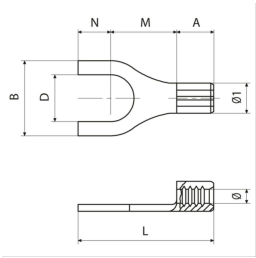
|                         |                                                    |
|-------------------------|----------------------------------------------------|
| Conductor body material | Rame elettrolitico con purezza superiore al 99,95% |
| Annealing               | Yes                                                |
| Brazed seam             | Yes                                                |

LOGISTIC

|                           |        |
|---------------------------|--------|
| Unit in minimal packaging | 100PCE |
|---------------------------|--------|

CLASSIFICATION AND DATA ORDERING

|              |          |
|--------------|----------|
| Customs code | 85369010 |
|--------------|----------|



| S1.5-U      |                | Range of cable cross section [mm²]<br>0.25 |        |        |        |        |                                                  |                                          |        |        |        |                             |         |                                  |                |  |
|-------------|----------------|--------------------------------------------|--------|--------|--------|--------|--------------------------------------------------|------------------------------------------|--------|--------|--------|-----------------------------|---------|----------------------------------|----------------|--|
| tipo        | Screw diameter | B [mm]                                     | M [mm] | I [mm] | D [mm] | N [mm] | Tightening torque (high conductivity screw) [nm] | Tightening torque (8.8 grade screw) [nm] | L [mm] | A [mm] | Ø [mm] | Cable stripping length [mm] | Ø1 [mm] | Unit in standard packaging [pce] | ROHS compliant |  |
| S1.5-U3     | M3             | 5.5                                        | 5.5    | 9.7    | 3.2    | 4      | 0.5                                              | 0.5                                      | 13.7   | 4.2    | 1.8    | 5                           | 3.4     | 7000                             | Yes            |  |
| S1.5-U3.5   | M3.5           | 6                                          | 6.5    | 10.7   | 3.7    | 3.8    |                                                  |                                          | 14.5   | 4.2    | 1.8    | 5                           | 3.4     | 7000                             | Yes            |  |
| S1.5-U3.5/2 | M3.5           | 6.4                                        | 6.5    | 10.7   | 3.7    | 3.8    |                                                  |                                          | 14.5   | 4.2    | 1.8    | 5                           | 3.4     | 7000                             | Yes            |  |
| S1.5-U4     | M4             | 6.5                                        | 7.5    | 11.7   | 4.3    | 3.7    |                                                  |                                          | 15.4   | 4.2    | 1.8    | 5                           | 3.4     | 7000                             | Yes            |  |
| S1.5-U4/1   | M4             | 8.5                                        | 7.5    | 11.7   | 4.3    | 3.7    |                                                  |                                          | 15.4   | 4.2    | 1.8    | 5                           | 3.4     | 7000                             | Yes            |  |
| S1.5-U4/2   | M4             | 7.5                                        | 7.5    | 11.7   | 4.3    | 3.7    |                                                  |                                          | 15.4   | 4.2    | 1.8    | 5                           | 3.4     | 7000                             | Yes            |  |
| S1.5-U5     | M5             | 8.5                                        | 7.5    | 11.7   | 5.3    | 3.7    |                                                  |                                          | 15.4   | 4.2    | 1.8    | 5                           | 3.4     | 7000                             | Yes            |  |
| S1.5-U5/1   | M5             | 9.4                                        | 7.5    | 11.7   | 5.3    | 3.7    |                                                  |                                          | 15.4   | 4.2    | 1.8    | 5                           | 3.4     | 7000                             |                |  |
| S1.5-U6     | M6             | 9.4                                        | 8.1    | 12.3   | 6.4    | 4.7    | 5                                                | 7                                        | 17     | 4.2    | 1.8    | 5                           | 3.4     | 6000                             | Yes            |  |
| S1.5-U6/1   | M6             | 12                                         | 9.2    | 13.4   | 6.4    | 7.1    | 5                                                | 7                                        | 20.5   | 4.2    | 1.8    | 5                           | 3.4     | 6000                             | Yes            |  |
| S1.5-U8     | M8             | 14                                         | 10     | 14.2   | 8.4    | 6.3    | 10                                               | 20                                       | 20.5   | 4.2    | 1.8    | 5                           | 3.4     | 3000                             | Yes            |  |
| S1.5-U10    | M10            | 17.5                                       | 13.05  | 17.25  | 10.5   | 7.7    | 20                                               | 35                                       | 25     | 4.2    | 1.8    | 5                           | 3.4     | 2500                             | Yes            |  |
| S1.5-U12    | M12            | 20                                         | 15.5   | 19.7   | 13     | 9      | 40                                               | 50                                       | 28.7   | 4.2    | 1.8    | 5                           | 3.4     | 2000                             | Yes            |  |

| S2.5-U      |                | Range of cable cross section [mm²]<br>1.5 |        |        |        |        |                                                  |                                          |        |        |        |                             |         |                                  |                |  |
|-------------|----------------|-------------------------------------------|--------|--------|--------|--------|--------------------------------------------------|------------------------------------------|--------|--------|--------|-----------------------------|---------|----------------------------------|----------------|--|
| tipo        | Screw diameter | B [mm]                                    | M [mm] | I [mm] | D [mm] | N [mm] | Tightening torque (high conductivity screw) [nm] | Tightening torque (8.8 grade screw) [nm] | L [mm] | A [mm] | Ø [mm] | Cable stripping length [mm] | Ø1 [mm] | Unit in standard packaging [pce] | ROHS compliant |  |
| S2.5-U3     | M3             | 5.5                                       | 5.5    | 9.7    | 3.2    | 4      | 0.5                                              | 0.5                                      | 13.7   | 4.2    | 2.4    | 5                           | 4       | 6000                             | Yes            |  |
| S2.5-U3.5   | M3.5           | 6.4                                       | 6.5    | 10.7   | 3.7    | 3.8    |                                                  |                                          | 14.5   | 4.2    | 2.4    | 5                           | 4       | 6000                             | Yes            |  |
| S2.5-U3.5/1 | M3.5           | 7.2                                       | 6.5    | 10.7   | 3.7    | 3.8    |                                                  |                                          | 14.5   | 4.2    | 2.4    | 5                           | 4       | 6000                             |                |  |
| S2.5-U4     | M4             | 6.5                                       | 7.5    | 11.7   | 4.3    | 3.7    |                                                  |                                          | 15.4   | 4.2    | 2.4    | 5                           | 4       | 5000                             | Yes            |  |
| S2.5-U4/1   | M4             | 8.5                                       | 7.5    | 11.7   | 4.3    | 3.7    |                                                  |                                          | 15.4   | 4.2    | 2.4    | 5                           | 4       | 6000                             | Yes            |  |
| S2.5-U4/2   | M4             | 7.5                                       | 7.5    | 11.7   | 4.3    | 3.7    |                                                  |                                          | 15.4   | 4.2    | 2.4    | 5                           | 4       | 6000                             | Yes            |  |

| tipo      | Screw diameter | B [mm] | M [mm] | I [mm] | D [mm] | N [mm] | Tightening torque (high conductivity screw) [nm] | Tightening torque (8.8 grade screw) [nm] | L [mm] | A [mm] | Ø [mm] | Cable stripping length [mm] | Ø1 [mm] | Unit in standard packaging [pce] | ROHS compliant |
|-----------|----------------|--------|--------|--------|--------|--------|--------------------------------------------------|------------------------------------------|--------|--------|--------|-----------------------------|---------|----------------------------------|----------------|
| S2.5-U5   | M5             | 8.5    | 7.5    | 11.7   | 5.3    | 3.7    |                                                  |                                          | 15.4   | 4.2    | 2.4    | 5                           | 4       | 6000                             | Yes            |
| S2.5-U6   | M6             | 9.4    | 8.1    | 12.3   | 6.4    | 4.7    | 5                                                | 7                                        | 17     | 4.2    | 2.4    | 5                           | 4       | 5000                             | Yes            |
| S2.5-U6/1 | M6             | 12     | 9.2    | 13.4   | 6.4    | 7.1    | 5                                                | 7                                        | 20.5   | 4.2    | 2.4    | 5                           | 4       | 4000                             | Yes            |
| S2.5-U8   | M8             | 14     | 10     | 14.2   | 8.4    | 6.3    | 10                                               | 20                                       | 20.5   | 4.2    | 2.4    | 5                           | 4       | 2500                             | Yes            |
| S2.5-U10  | M10            | 17.5   | 13.05  | 17.25  | 10.5   | 7.75   | 20                                               | 35                                       | 25     | 4.2    | 2.4    | 5                           | 4       | 2000                             | Yes            |
| S2.5-U12  | M12            | 20     | 15.5   | 19.7   | 13     | 9      | 40                                               | 50                                       | 28.7   | 4.2    | 2.4    | 5                           | 4       | 2000                             | Yes            |

S6-U

Range of cable cross section [mm²]  
 4

| tipo     | Screw diameter | B [mm] | M [mm] | I [mm] | D [mm] | N [mm] | Tightening torque (high conductivity screw) [nm] | Tightening torque (8.8 grade screw) [nm] | L [mm] | A [mm] | Ø [mm] | Cable stripping length [mm] | Ø1 [mm] | Unit in standard packaging [pce] | ROHS compliant |
|----------|----------------|--------|--------|--------|--------|--------|--------------------------------------------------|------------------------------------------|--------|--------|--------|-----------------------------|---------|----------------------------------|----------------|
| S6-U3.5  | M3.5           | 7.5    | 8.5    | 14.9   | 3.7    | 3.9    |                                                  |                                          | 18.8   | 8      | 3.6    | 7                           | 5.6     | 3000                             | Yes            |
| S6-U4    | M4             | 7.5    | 8      | 14.4   | 4.3    | 4.4    |                                                  |                                          | 18.8   | 8      | 3.6    | 7                           | 5.6     | 3000                             | Yes            |
| S6-U5    | M5             | 9.5    | 8      | 14.4   | 5.3    | 4.4    |                                                  |                                          | 18.8   | 8      | 3.6    | 7                           | 5.6     | 2500                             | Yes            |
| S6-U6    | M6             | 10     | 11     | 17.4   | 6.4    | 5.5    | 5                                                | 7                                        | 22.9   | 8      | 3.6    | 7                           | 5.6     | 2500                             | Yes            |
| S6-U8    | M8             | 13.5   | 12     | 18.4   | 8.4    | 8      | 10                                               | 20                                       | 26.4   | 8      | 3.6    | 7                           | 5.6     | 2000                             | Yes            |
| S6-U10   | M10            | 15.5   | 13     | 19.4   | 10.5   | 8      | 20                                               | 35                                       | 27.4   | 8      | 3.6    | 7                           | 5.6     | 2000                             | Yes            |
| S6-U10/1 | M10            | 17.5   | 13.85  | 20.25  | 10.5   | 7.75   | 20                                               | 35                                       | 28     | 8      | 3.6    | 7                           | 5.6     | 2000                             | Yes            |
| S6-U12   | M12            | 21     | 15.1   | 21.5   | 13     | 9.5    | 40                                               | 50                                       | 31     | 8      | 3.6    | 7                           | 5.6     | 1000                             | Yes            |
| S6-U14   | M14            | 23     | 16.1   | 22.5   | 15     | 10.5   | 65                                               | 70                                       | 33     | 8      | 3.6    | 7                           | 5.6     | 1000                             |                |
| S6-U16   | M16            | 26     | 17.1   | 23.5   | 17     | 11.5   | 90                                               | 90                                       | 35     | 8      | 3.6    | 7                           | 5.6     | 1000                             | Yes            |