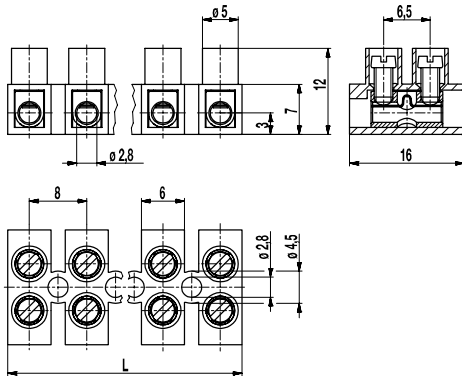


Socket terminal strip

302-N(-HDS)

Screw connection, low profile version



The socket terminal strip 302-N, low version in 8 mm pitch, is available with 1 to 12 poles.

The lower version (by 3 mm) is well suited for applications where mounting space is limited (e.g. in plastic boxes where longer clearance and creepage distances are not required).

The flexible polyamide moulding can even be mounted on curved surfaces.

The wire protector of the "HDS"-version reliably prevents damage to multi-wire flexible conductors by the turning screw.

Part Numbers

| No. of poles | 302-N | 302-N-HDS | Length | PU |
|--------------|------------|------------|--------|------|
| 1 | 11.820.043 | 31.820.043 | 7,00 | 5000 |
| 2 | 12.820.043 | 32.820.043 | 15,00 | 2000 |
| 3 | 13.820.043 | 33.820.043 | 23,00 | 2000 |
| 4 | 14.820.043 | 34.820.043 | 31,00 | 1000 |
| 5 | 15.820.043 | 35.820.043 | 39,00 | 1000 |
| 6 | 16.820.043 | 36.820.043 | 47,00 | 100 |
| 7 | 17.820.043 | 37.820.043 | 55,00 | 70 |
| 8 | 18.820.043 | 38.820.043 | 63,00 | 70 |
| 9 | 19.820.043 | 39.820.043 | 71,00 | 60 |
| 10 | 20.820.043 | 40.820.043 | 79,00 | 50 |
| 11 | 21.820.043 | 41.820.043 | 87,00 | 50 |
| 12 | 22.820.043 | 42.820.043 | 94,00 | 50 |

further number of poles on request

Part Numbers: "no flame" acc. to glow-wire test

| No. of poles | 302-N | 302-N-HDS | Length | PU |
|--------------|----------------|----------------|--------|------|
| 2 | 12.820.044.EN6 | 32.820.044.EN6 | 15,00 | 2000 |
| 4 | 14.820.044.EN6 | 34.820.044.EN6 | 31,00 | 1000 |
| 5 | 15.820.044.EN6 | | 39,00 | 1000 |
| 12 | 22.820.044.EN6 | 42.820.044.EN6 | 94,00 | 50 |

further number of poles on request

General Information

| | |
|----------------------|--|
| Pitch | 8 mm |
| No. of poles | 1 - 12 |
| Areas of application | For household appliances or lightning applications and similar electrical equipment. |




Technical Data

| | | | |
|-------------------------------|---|-------|-------|
| Clamping Range | <i>solid / flexible / AWG</i> | | |
| <i>without wire protector</i> | 0,5 - 4 mm ² / 0,5 - 2,5 mm ² / 20 - 12 AWG | | |
| <i>with wire protector</i> | 0,34 - 2,5 mm ² / 0,34 - 2,5 mm ² / 22 - 14 AWG | | |
| Rated Cross Section | 1,5 mm ² | | |
| Wire Stripping Length | 5 mm ± 0,5 mm | | |
| Overvoltage Category | III | III | II |
| Pollution Severity Level | 3 | 2 | 2 |
| Rated Voltage | 250 V | 320 V | 320 V |
| Rated Impulse Voltage | 4 kV | 4 kV | 4 kV |
| Rated Insulation Voltage | 250 V acc. to EN 60998-1 | | |
| Rated Current | 17,5 A | | |
| Torque | 0,4 Nm | | |

Material

| | |
|----------------------------|--|
| Moulding | PA, natural, V-2 (PA, natural, V-0) Details in brackets for "no flame" products |
| Comparative Tracking Index | CTI ≥ 600 |
| Insulating Group | I |
| Temperature Range | -40°C up to 100°C |
| Terminal Body | Nickel plated brass |
| Screw | M2,6; zinc plated steel, blue passivated |
| Wire protector | Stainless steel strip |

Approvals

| | Current | Voltage | Group | AWG | Nm |
|---|---------|---------|-----------------|---------|---------|
|  | 10 | 300 | B,D | 20 - 12 | 0,4 |
|  | 20 | 300 | B | 26 - 12 | 0,4 [1] |
| | 10 | 300 | D,E | 26 - 12 | 0,4 [1] |
| | Current | Voltage | mm ² | | |
|  | 17,5 | 250 | 1,5 | | |

[1] 302-N-HDS: 26 - 14 AWG

Options / Accessories

- Marking options on the screw guides
- Marking strips BST-302
- Jumper 302-J
- Moulding made of special polyamide for e.g. household appliances
- Screws made out of brass
- Up to 26 poles possible
- Socket with blind hole

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