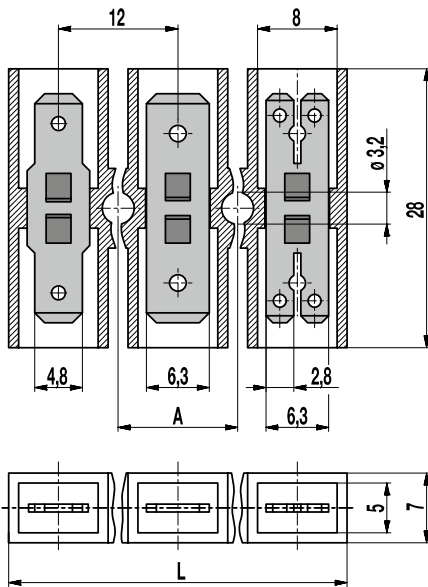


401-PA-4,8/-6,3 /-XBS

Tab connector block



Tab connector blocks 401-PA are used mainly as connectors, lead distributors or as electrical interface in equipment and motor vehicles. Depending on the application, these connector blocks are available with B 2,8 (-XBS); 4,8 or 6,3 tab connectors in 1- to 12-pole design.

Upon request, crimping points for 4,8 tabs can be insulated with our ISO insulating sleeves. Tab connectors are suitable for tab receptacles according to DIN 46247.

Part Numbers

| No. of poles | 401-PA-4,8 | 401-PA-6,3 | 401-PA-XBS | Length | A * | PU |
|--------------|------------|------------|------------|--------|--------|------|
| 1 | 11.830.039 | 31.830.039 | 71.830.039 | 12,00 | | 2500 |
| 2 | 12.830.039 | 32.830.039 | 72.830.039 | 24,00 | | 1500 |
| 3 | 13.830.039 | 33.830.039 | 73.830.039 | 36,00 | 12,00 | 1000 |
| 4 | 14.830.039 | 34.830.039 | 74.830.039 | 48,00 | 24,00 | 1000 |
| 5 | 15.830.039 | 35.830.039 | 75.830.039 | 59,00 | 36,00 | 200 |
| 6 | 16.830.039 | 36.830.039 | 76.830.039 | 71,00 | 48,00 | 200 |
| 7 | 17.830.039 | 37.830.039 | 77.830.039 | 83,00 | 60,00 | 50 |
| 8 | 18.830.039 | 38.830.039 | 78.830.039 | 95,00 | 72,00 | 50 |
| 9 | 19.830.039 | 39.830.039 | 79.830.039 | 107,00 | 84,00 | 25 |
| 10 | 20.830.039 | 40.830.039 | 80.830.039 | 119,00 | 96,00 | 100 |
| 11 | 21.830.039 | 41.830.039 | 81.830.039 | 131,00 | 108,00 | 100 |
| 12 | 22.830.039 | 42.830.039 | 82.830.039 | 142,00 | 120,00 | 100 |

* = Distance of the two outermost mounting holes

General Information

| | |
|------------------------|--|
| Pitch | 12 mm |
| No. of poles | 1 - 12 |
| Additional Information | After pushing on the tab receptacles, their ends protrude 7 mm from the housing. |



Technical Data

| | | | |
|--------------------------|---|-------|--------|
| Overvoltage Category | III | III | II |
| Pollution Severity Level | 3 | 2 | 2 |
| Rated Voltage | 500 V | 630 V | 1000 V |
| Rated Impulse Voltage | 6 kV | 6 kV | 6 kV |
| Rated Insulation Voltage | 750 V acc. to EN 60998-1 | | |
| Rated Current | 7,5 A: with receptacle 2,8; wire 1 mm ² (16 AWG) 15 A: with receptacle 4,8; wire 2,5 mm ² (14 AWG) 20 A: with receptacle 6,3; wire 6,0 mm ² (10 AWG) | | |
| Other specifications | Rated values apply to use in combination with insulated underlay. | | |

Material

| | |
|----------------------------|---------------------|
| Moulding | PA, natural, V-2 |
| Comparative Tracking Index | CTI ≥ 600 |
| Insulating Group | I |
| Temperature Range | -40°C up to 100°C |
| Tab | Nickel plated brass |

Approvals

| | Current [A] | Voltage [V] | Group | AWG | [Nm] |
|---|-------------|-------------|-------|---------|------|
|  | 25 [2] | 300 | B | max. 10 | |
| | 6 [3] | 300 | B | max. 16 | |
| | 15 [4] | 300 | B | max. 14 | |
|  | 25 [1] [2] | 300 | B | max. 10 | |
| | 25 [1] [2] | 150 | C | max. 10 | |
| | 10 | 300 | D,E | max. 10 | |

[1] 15 A is applicable for 401-PA-4.8 in group B,C

[2] applies only for receptacle for tabs 6,3

[3] applies for receptacle for tabs 2,8

[4] applies for receptacle for tabs 4,8

Options / Accessories

- Consecutive numbering
- Special marking according to drawing
- Insulating sleeves ISO-187 for receptacles
- Other tab connector variants available upon request, e.g. for the transition from 4.8 to 6.3