

Material data

| | |
|---------------------------|---------------------|
| colour chart | Similar to RAL 2000 |
| Insulating material group | I |
| Flammability class UL 94 | V-2 |
| CTI | >= 600 |
| Contact base material | E-Cu |
| Contact surface | tinned |
| Storage temperature, min. | -25 °C |
| Storage temperature, max. | 55 °C |

Connectable conductors

| | |
|---|----------------------|
| Clamping range, min. | 0.13 mm ² |
| Clamping range, max. | 6 mm ² |
| AWG, min. | 26 |
| AWG, max. | 10 |
| Solid, min. H05(07) V-U | 0.5 mm ² |
| Solid, max. H05(07) V-U | 6 mm ² |
| Flexible, min. H05(07) V-K | 0.5 mm ² |
| Flexible, max. H05(07) V-K | 4 mm ² |
| With wire end ferrule, acc. to DIN 46 228/1, min. | 0.5 mm ² |
| With wire end ferrule, acc. to DIN 46 228/1, max. | 4 mm ² |
| w. plastic collar ferrule, DIN 46228 pt 4, min. | 0.5 mm ² |
| w. plastic collar ferrule, DIN 46228 pt 4, max. | 4 mm ² |
| Gauge to EN 60999 a x b; ø | 2.8 mm x 2.4 mm; |

DIN IEC rating data

| | |
|--|---------|
| Rated current, min. No. pins (Tu=20°C) | 32 A |
| Rated current, min. No. pins (Tu=40°C) | 32 A |
| Rated voltage for overvoltage class/pollution severity II/2 | 1,000 V |
| Rated voltage for overvoltage class/pollution severity III/2 | 630 V |
| Rated voltage for overvoltage class/pollution severity III/3 | 500 V |
| Rated impulse withstand voltage for overvoltage class/pollution severity II/2 | 4 kV |
| Rated impulse withstand voltage for overvoltage class/pollution severity III/2 | 4 kV |
| Rated impulse withstand voltage for overvoltage class/pollution severity III/3 | 4 kV |

CSA rating data

| | |
|------------------------------------|-------|
| Rated voltage (Use group D) | 300 V |
| Rated current (Use group D) | 10 A |
| AWG conductor (field wiring), min. | 26 |
| AWG conductor (field wiring), max. | 10 |

UL 1059 rating data

| | |
|-----------------------------|-------|
| Rated voltage (Use group D) | 300 V |
| Rated current (Use group D) | 10 A |
| AWG conductor, min. | 26 |
| AWG conductor, max. | 10 |

UL 1059 rating data

Approvals

Approvals institutes



Downloads

CAD Library (P-CAD Format - Standard) TOP 4GS.LIB

Classifications

| | |
|------------|----------|
| ETIM 2.0 | NK |
| ETIM 3.0 | EC001284 |
| eClass 4.1 | NK |
| eClass 5.0 | NK |
| eClass 5.1 | NK |

Similar products

| Order No. | Part designation | Version |
|------------|----------------------|--|
| 0298360000 | TOP4GS2/180 7.62 OR | PCB terminal, TOP connection, Soldered connection, Clamping range, max.: 6 mm ² , Pitch: 7.62 mm, No. of poles: 2, 180°, Box |
| 0298460000 | TOP4GS3/180 7.62 OR | PCB terminal, TOP connection, Soldered connection, Clamping range, max.: 6 mm ² , Pitch: 7.62 mm, No. of poles: 3, 180°, Box |
| 0298560000 | TOP4GS4/180 7.62 OR | PCB terminal, TOP connection, Soldered connection, Clamping range, max.: 6 mm ² , Pitch: 7.62 mm, No. of poles: 4, 180°, Box |
| 1786540000 | TOP4GS5/180 7.62 OR | PCB terminal, TOP connection, Soldered connection, Clamping range, max.: 6 mm ² , Pitch: 7.62 mm, No. of poles: 5, 180°, Box |
| 1786550000 | TOP4GS7/180 7.62 OR | PCB terminal, TOP connection, Soldered connection, Clamping range, max.: 6 mm ² , Pitch: 7.62 mm, No. of poles: 7, 180°, Box |
| 1786560000 | TOP4GS8/180 7.62 OR | PCB terminal, TOP connection, Soldered connection, Clamping range, max.: 6 mm ² , Pitch: 7.62 mm, No. of poles: 8, 180°, Box |
| 1571700000 | TOP4GS9/180 7.62 OR | PCB terminal, TOP connection, Soldered connection, Clamping range, max.: 6 mm ² , Pitch: 7.62 mm, No. of poles: 9, 180°, Box |
| 1786570000 | TOP4GS10/180 7.62 OR | PCB terminal, TOP connection, Soldered connection, Clamping range, max.: 6 mm ² , Pitch: 7.62 mm, No. of poles: 10, 180°, Box |
| 1786580000 | TOP4GS11/180 7.62 OR | PCB terminal, TOP connection, Soldered connection, Clamping range, max.: 6 mm ² , Pitch: 7.62 mm, No. of poles: 11, 180°, Box |

1749170000 TOP4GS12/180 7.62 OR

PCB terminal, TOP connection, Soldered connection, Clamping range, max.: 6 mm², Pitch: 7.62 mm, No. of poles: 12, 180°, Box