



General ordering data

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|------------------|---|
| Order No. | 1571700000 |
| Part designation | TOP4GS9/180 7.62 OR |
| Version | PCB terminal, TOP connection, Soldered connection, Clamping range, max.: 6 mm ² , Pitch: 7.62 mm, No. of poles: 9, 180°, Box |
| EAN | 4008190128531 |
| Qty. | 50 pc(s). |

System parameters

| | |
|---------------------------------|---------------------|
| Product family | System TOP4GS |
| Conductor connection system | TOP connection |
| Fitted to PCB | Soldered connection |
| Outgoing direction of conductor | 180° |
| Pitch | 7.62 mm |
| Pitch in inch | 0.3 inch |
| No. of poles | 9 |
| Fitted by customer | no |
| No. of rows | 1 |
| Solder pin length | 3.5 mm |
| Dia. of fitting hole | 1.3 mm |
| Fitting hole tolerance | + 0.1 mm |
| No. of solder pins per pole | 2 |
| Screwdriver blade | 0.6 x 3.5 |
| Screwdriver blade standard | DIN 5264 |
| Tightening torque, min. | 0.5 Nm |
| Tightening torque, max. | 0.6 Nm |
| Clamping screw | M 3 |
| Stripping length | 13 mm |
| L1 in mm | 60.96 mm |
| L1 in inch | 2.4 inch |

Material data

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|---------------------|--------|
| Insulating material | PA |
| Colour | orange |

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

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|---|----------------------|
| 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

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|-----------------------------|-------|
| 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 |
| 1494560000 | TOP4GS6/180 7.62 OR | PCB terminal, TOP connection, Soldered connection, Clamping range, max.: 6 mm ² , Pitch: 7.62 mm, No. of poles: 6, 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 |
| 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