



#### General ordering data

Order No.	1474760000
Part designation	TOP1.5GS11/180 5 2ST OR
Version	PCB terminal, TOP connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 11, 180°, Box
EAN	4008190037109
Qty.	20 pc(s).

#### System parameters

Product family	System TOP1.5GS
Conductor connection system	TOP connection
Fitted to PCB	Soldered connection
Outgoing direction of conductor	180°
Pitch	5.08 mm
Pitch in inch	0.2 inch
No. of poles	11
Fitted by customer	no
No. of rows	1
Solder pin length	4.5 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.	0.4 Nm
Tightening torque, max.	0.5 Nm
Clamping screw	M 2.5
Stripping length	10 mm
L1 in mm	50.8 mm
L1 in inch	2 inch
Electric shock protection to DIN VDE 0470	IP 20
Electric shock protection to DIN VDE 0470	Safe from finger touch

#### Material data

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

#### Connectable conductors

Clamping range, min.	0.13 mm <sup>2</sup>
Clamping range, max.	2.5 mm <sup>2</sup>
AWG, min.	26
AWG, max.	14
Solid, min. H05(07) V-U	0.5 mm <sup>2</sup>
Solid, max. H05(07) V-U	2.5 mm <sup>2</sup>
Flexible, min. H05(07) V-K	0.5 mm <sup>2</sup>
Flexible, max. H05(07) V-K	2.5 mm <sup>2</sup>
With wire end ferrule, acc. to DIN 46 228/1, min.	0.5 mm <sup>2</sup>
With wire end ferrule, acc. to DIN 46 228/1, max.	2.5 mm <sup>2</sup>
w. plastic collar ferrule, DIN 46228 pt 4, min.	0.5 mm <sup>2</sup>
w. plastic collar ferrule, DIN 46228 pt 4, max.	2.5 mm <sup>2</sup>
Gauge to EN 60999 a x b; ø	2.4 mm x 1.5 mm;

#### DIN IEC rating data

Rated current, min. No. pins (Tu=20°C)	24 A
Rated current, max. No. pins (Tu=20°C)	19 A
Rated current, min. No. pins (Tu=40°C)	21
Rated current, max. No. pins (Tu=40°C)	16 A
Rated voltage for overvoltage class/pollution severity II/2	630 V
Rated voltage for overvoltage class/pollution severity III/2	320 V
Rated voltage for overvoltage class/pollution severity III/3	250 V
Rated impulse withstand voltage for overvoltage class/pollution severity II/2	2.5 kV
Rated impulse withstand voltage for overvoltage class/pollution severity III/2	2.5 kV
Rated impulse withstand voltage for overvoltage class/pollution severity III/3	2.5 kV
Short-time withstand current resistance	3 x 1s with 120 A

#### 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.	14

#### 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.	14

#### Approvals

Approvals institutes



#### Downloads

CAD Library (P-CAD Format - Standard)	TOP 1.5GS.LIB
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#### 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
0569960000	TOP1.5GS2/180 5 2STI OR	PCB terminal, TOP connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 2, 180°, Box
0570160000	TOP1.5GS3/180 5 2STI OR	PCB terminal, TOP connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 3, 180°, Box
0570360000	TOP1.5GS4/180 5 2STI OR	PCB terminal, TOP connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 4, 180°, Box
0597360000	TOP1.5GS5/180 5 2STI OR	PCB terminal, TOP connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 5, 180°, Box
0597460000	TOP1.5GS6/180 5 2STI OR	PCB terminal, TOP connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 6, 180°, Box
1695700000	TOP1.5GS7/180 5 2STI OR	PCB terminal, TOP connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 7, 180°, Box
0597660000	TOP1.5GS8/180 5 2STI OR	PCB terminal, TOP connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 8, 180°, Box

1474660000	TOP1.5GS9/180 5 2STI OR	PCB terminal, TOP connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 9, 180°, Box
0570560000	TOP1.5GS10/180 5 2ST OR	PCB terminal, TOP connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 10, 180°, Box
0597960000	TOP1.5GS12/180 5 2STI OR	PCB terminal, TOP connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 12, 180°, Box
1724740000	TOP1.5GS13/180 5 2ST OR	PCB terminal, TOP connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 13, 180°, Box
0598160000	TOP1.5GS14/180 5 2STI OR	PCB terminal, TOP connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 14, 180°, Box
1782490000	TOP1.5GS15/180 5 2ST OR	PCB terminal, TOP connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 15, 180°, Box
0570760000	TOP1.5GS16/180 5 2ST OR	PCB terminal, TOP connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 16, 180°, Box
0598360000	TOP1.5GS17/180 5 2ST OR	PCB terminal, TOP connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 17, 180°, Box
0598460000	TOP1.5GS18/180 5 2STI OR	PCB terminal, TOP connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 18, 180°, Box
0598560000	TOP1.5GS19/180 5 2ST OR	PCB terminal, TOP connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 19, 180°, Box
0598660000	TOP1.5GS20/180 5 2ST OR	PCB terminal, TOP connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 20, 180°, Box
0598760000	TOP1.5GS21/180 5 2ST OR	PCB terminal, TOP connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 21, 180°, Box
0598860000	TOP1.5GS22/180 5 2ST OR	PCB terminal, TOP connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 22, 180°, Box
0598960000	TOP1.5GS23/180 5 2ST OR	PCB terminal, TOP connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 23, 180°, Box
0599060000	TOP1.5GS24/180 5 2ST OR	PCB terminal, TOP connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 24, 180°, Box

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