



CSA rating data

Rated voltage, user group D	300 V
Rated (nominal) current, user group D	10 A
AWG conductor, max. (CSA)	12
AWG conductor, min. (CSA)	26

Connectable conductors

Clamping range, min.	0,13 mm ²
w. plastic collar ferrule, DIN 46228 pt 4, max.	2,5 mm ²
w. plastic collar ferrule, DIN 46228 pt 4, min.	0,2 mm ²
Wire end ferrule , DIN 46 228/1, min.	0,2 mm ²
Wire end ferrule , DIN 46 228/1, max.	2,5 mm ²
Gauge to EN 60999 a x b; ø	2.8 mm x 2.0 mm; 2.4 mm
Clamping range, max.	3,31 mm ²
fine-stranded, min. H05(07) V-U	0,2
fine-stranded, max. H05(07) V-U	2,5 mm ²
Solid, min. H05(07) V-U	0,2 mm ²
Solid, max. H05(07) V-U	2,5 mm ²
AWG, min.	26
AWG, max.	12

DIN IEC rating data

Rated voltage for overvoltage class/pollution severity III/3	250 V
Rated voltage for overvoltage class/pollution severity III/2	320 V
Rated voltage for overvoltage class/pollution severity II/2	400 V
Rated current, max. No. pins (Tu=40°C)	12,5 A
Rated current, min. No. pins(Tu=40°C)	16 A
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
Short-time withstand current resistance	3 x 1s with 120 A
Rated current, min. No. pins (Tu=20°C)	19 A
Rated current, max. No. pins (Tu=20°C)	14,5 A
Rated impulse withstand voltage for overvoltage class/pollution severity III/3	4 kV

System parameters

Pitch in inch	0,200 inch
Stripping length	7 mm
No. of rows	1
Tightening torque, max.	0,5 Nm
Tightening torque, min.	0,4 Nm
Electric shock protection to DIN VDE 0470	IP 20
Electric shock protection to DIN VDE 0470	Safe from finger touch
Volume resistance	4,5 mΩ
Clamping screw	M 2.5
Outgoing direction of conductor	180°
Conductor connection system	Clamping yoke connection
Pitch	5,08 mm
Type of screwdriver	SD 0.6 x 3.5 - DIN 5264
L1 in inch	2,200 inch
L1 in mm	55,88 mm
Number of poles	12

UL 1059 rating data

Rated voltage, user group D	300 V
Rated current (UL 1059)	10 A
AWG conductor, max. (UL 1059)	12
AWG conductor, min. (UL 1059)	26

material data

UL 94 combustibility class	V-0
Contact surface	tinned
Contact base material	Cu alloy
Insulating material group	IIIa
Insulation material	PBT
CTI	>= 200
Colour	orange

Approvals

Rated voltage for overvoltage class/pollution severity III/3	250 V
Rated voltage for overvoltage class/pollution severity III/2	320 V
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Approvals

Approvals



Classifications

ETIM 2.0	NK
eClass 4.1	27-26-07-01
eClass 5.0	27-26-07-01

General ordering data

Order No.	1527460000
Short text for material	BLZ 5.08/12 SN OR
EAN	4008190121648

- Additional colours on request
- Gold-plated contact surfaces on request
- Rated current related to rated cross-section and min. No. of poles.
- Wire end ferrule without plastic collar to DIN 46228 pt 1
- Wire end ferrule with plastic collar to DIN 46228 pt 4
- P on drg. = pitch
- Rated data refer only to the component itself. Clearance and creepage distances to other components are to be designed in accordance with the relevant application standards.

Related products

Order No.	Short text for material	Number of poles
1526460000	BLZ 5.08/2 SN OR	2
1526410000	BLZ 5.08/2 SN SW	2
1526560000	BLZ 5.08/3 SN OR	3
1526510000	BLZ 5.08/3 SN SW	3
1526660000	BLZ 5.08/4 SN OR	4
1526610000	BLZ 5.08/4 SN SW	4
1526760000	BLZ 5.08/5 SN OR	5
1526710000	BLZ 5.08/5 SN SW	5
1526860000	BLZ 5.08/6 SN OR	6
1526810000	BLZ 5.08/6 SN SW	6
1526960000	BLZ 5.08/7 SN OR	7
1526910000	BLZ 5.08/7 SN SW	7
1527060000	BLZ 5.08/8 SN OR	8
1527010000	BLZ 5.08/8 SN SW	8
1527160000	BLZ 5.08/9 SN OR	9
1527110000	BLZ 5.08/9 SN SW	9
1527260000	BLZ 5.08/10 SN OR	10
1527210000	BLZ 5.08/10 SN SW	10
1527360000	BLZ 5.08/11 SN OR	11
1527310000	BLZ 5.08/11 SN SW	11
1527410000	BLZ 5.08/12 SN SW	12
1527560000	BLZ 5.08/13 SN OR	13
1527510000	BLZ 5.08/13 SN SW	13

1527660000	BLZ 5.08/14 SN OR	14
1527610000	BLZ 5.08/14 SN SW	14
1527760000	BLZ 5.08/15 SN OR	15
1527710000	BLZ 5.08/15 SN SW	15
1527860000	BLZ 5.08/16 SN OR	16
1527810000	BLZ 5.08/16 SN SW	16
1527960000	BLZ 5.08/17 SN OR	17
1527910000	BLZ 5.08/17 SN SW	17
1528060000	BLZ 5.08/18 SN OR	18
1528010000	BLZ 5.08/18 SN SW	18
1528160000	BLZ 5.08/19 SN OR	19
1528110000	BLZ 5.08/19 SN SW	19
1528260000	BLZ 5.08/20 SN OR	20
1528210000	BLZ 5.08/20 SN SW	20
1528360000	BLZ 5.08/21 SN OR	21
1528310000	BLZ 5.08/21 SN SW	21
1528460000	BLZ 5.08/22 SN OR	22
1528410000	BLZ 5.08/22 SN SW	22
1528560000	BLZ 5.08/23 SN OR	23
1528510000	BLZ 5.08/23 SN SW	23
1528660000	BLZ 5.08/24 SN OR	24
1528610000	BLZ 5.08/24 SN SW	24

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