



### 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 <sup>2</sup>
w. plastic collar ferrule, DIN 46228 pt 4, max.	1,5 mm <sup>2</sup>
w. plastic collar ferrule, DIN 46228 pt 4, min.	0,2 mm <sup>2</sup>
Wire end ferrule, DIN 46 228/1, min.	0,2 mm <sup>2</sup>
Wire end ferrule, DIN 46 228/1, max.	1,5 mm <sup>2</sup>
Gauge to EN 60999 a x b; ø	2.8 mm x 2.0 mm;
Clamping range, max.	3,31 mm <sup>2</sup>
fine-stranded, min. H05(07) V-U	0,2
fine-stranded, max. H05(07) V-U	2,5 mm <sup>2</sup>
Solid, min. H05(07) V-U	0,2 mm <sup>2</sup>
Solid, max. H05(07) V-U	2,5 mm <sup>2</sup>
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)	11 A
Rated current, min. No. pins (Tu=40°C)	14,5 A
Rated impulse withstand voltage for overvoltage class/pollution severity II/2	4 kV
Rated current, min. No. pins (Tu=20°C)	17 A
Rated current, max. No. pins (Tu=20°C)	12,5 A
Rated impulse withstand voltage for overvoltage class/pollution severity III/3	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

### System parameters

Outgoing direction of conductor	180°
Conductor connection system	Tension clamp connection
Pitch	5,08 mm
Type of screwdriver	SD 0.6 x 3.5 - DIN 5264-A
L1 in inch	0,600 inch
L1 in mm	15,24 mm
Pitch in inch	0,200 inch
Stripping length	10 mm
No. of rows	1
Electric shock protection to DIN VDE 0470	Safe from finger touch
Volume resistance	5,0 mΩ
Number of poles	4

### UL 1059 rating data

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

### material data

CTI	>= 200
UL 94 combustibility class	V-0
Contact surface	tinned
Contact base material	Cu alloy
Insulating material group	IIIa
Insulation material	PBT
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
Rated voltage for overvoltage class/pollution severity II/2	400 V

### 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.	1707480000
Short text for material	BLZF 5.08/4 SN OR
EAN	4008190395858

- 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
1707460000	BLZF 5.08/2 SN OR	2
1707690000	BLZF 5.08/2 SN SW	2
1707470000	BLZF 5.08/3 SN OR	3
1707700000	BLZF 5.08/3 SN SW	3
1707710000	BLZF 5.08/4 SN SW	4
1707490000	BLZF 5.08/5 SN OR	5
1707720000	BLZF 5.08/5 SN SW	5
1707500000	BLZF 5.08/6 SN OR	6
1707730000	BLZF 5.08/6 SN SW	6
1707510000	BLZF 5.08/7 SN OR	7
1707740000	BLZF 5.08/7 SN SW	7
1707520000	BLZF 5.08/8 SN OR	8
1707750000	BLZF 5.08/8 SN SW	8
1707530000	BLZF 5.08/9 SN OR	9
1707760000	BLZF 5.08/9 SN SW	9
1707540000	BLZF 5.08/10 SN OR	10
1707770000	BLZF 5.08/10 SN SW	10
1707550000	BLZF 5.08/11 SN OR	11
1707780000	BLZF 5.08/11 SN SW	11
1707560000	BLZF 5.08/12 SN OR	12
1707790000	BLZF 5.08/12 SN SW	12
1707570000	BLZF 5.08/13 SN OR	13
1707800000	BLZF 5.08/13 SN SW	13
1707580000	BLZF 5.08/14 SN OR	14
1707810000	BLZF 5.08/14 SN SW	14
1707590000	BLZF 5.08/15 SN OR	15
1707820000	BLZF 5.08/15 SN SW	15
1707600000	BLZF 5.08/16 SN OR	16
1707830000	BLZF 5.08/16 SN SW	16

1707610000	BLZF 5.08/17 SN OR	17
1707840000	BLZF 5.08/17 SN SW	17
1707620000	BLZF 5.08/18 SN OR	18
1707850000	BLZF 5.08/18 SN SW	18
1707630000	BLZF 5.08/19 SN OR	19
1707860000	BLZF 5.08/19 SN SW	19
1707640000	BLZF 5.08/20 SN OR	20
1707870000	BLZF 5.08/20 SN SW	20
1707650000	BLZF 5.08/21 SN OR	21
1707880000	BLZF 5.08/21 SN SW	21
1707660000	BLZF 5.08/22 SN OR	22
1707890000	BLZF 5.08/22 SN SW	22
1707670000	BLZF 5.08/23 SN OR	23
1707900000	BLZF 5.08/23 SN SW	23
1707680000	BLZF 5.08/24 SN OR	24
1707910000	BLZF 5.08/24 SN SW	24

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