



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.	1,5 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.	1,5 mm ²
Gauge to EN 60999 a x b; ø	2.8 mm x 2.0 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)	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	1,800 inch
L1 in mm	45,72 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	10

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.	1707540000
Short text for material	BLZF 5.08/10 SN OR
EAN	4008190950200

- 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
1707480000	BLZF 5.08/4 SN OR	4
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
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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