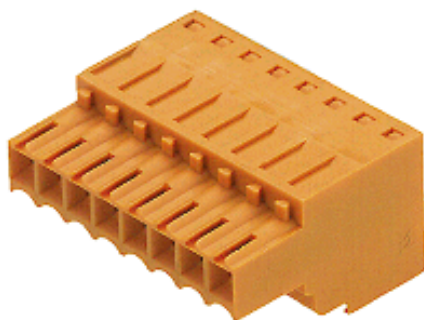


CSA rating data

Rated voltage, user group D	300 V
Rated (nominal) current, user group D	10 A
AWG conductor, max. (CSA)	14
AWG conductor, min. (CSA)	26

Connectable conductors

w. plastic collar ferrule, DIN 46228 pt 4, max.	1 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
Clamping range, min.	0,13 mm ²
Clamping range, max.	1,5 mm ²
fine-stranded, min. H05(07) V-U	0,2
fine-stranded, max. H05(07) V-U	1,5 mm ²
Solid, min. H05(07) V-U	0,2 mm ²
Solid, max. H05(07) V-U	1,5 mm ²
AWG, min.	28
AWG, max.	16
O.D. of insulation, max.	2,90 mm

DIN IEC rating data

Rated voltage for overvoltage class/pollution severity III/3	160 V
Rated voltage for overvoltage class/pollution severity III/2	160 V
Rated voltage for overvoltage class/pollution severity II/2	250 V
Rated impulse withstand voltage for overvoltage class/pollution severity III/2	2,5 kV
Short-time withstand current resistance	3 x 1s with 100 A
Rated current, max. No. pins (Tu=40°C)	8 A
Rated current, min. No. pins (Tu=40°C)	12 A
Rated impulse withstand voltage for overvoltage class/pollution severity II/2	2,5 kV
Rated current, min. No. pins (Tu=20°C)	14,5 A
Rated current, max. No. pins (Tu=20°C)	10 A
Rated impulse withstand voltage for overvoltage class/pollution severity III/3	2,5 kV

System parameters

Stripping length	10 mm
No. of rows	1
Electric shock protection to DIN VDE 0470	Safe from finger touch
Volume resistance	5,0 mΩ
Outgoing direction of conductor	180°
Conductor connection system	Tension clamp connection
Pitch	3,50 mm
Type of screwdriver	SD 0.4 x 2.5 - DIN 5264-A
L1 in inch	2,067 inch
L1 in mm	52,50 mm
Pitch in inch	0,138 inch
Number of poles	16

UL 1059 rating data

AWG conductor, max. (UL 1059)	14
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	160 V
Rated voltage for overvoltage class/pollution severity III/2	160 V
Rated voltage for overvoltage class/pollution severity II/2	250 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.	1690330000
Short text for material	BLZF 3.5/16 SN OR
EAN	4008190328825

- Additional colours on request
- Gold-plated contact surfaces on request
- Rated current related to rated cross-section and min. No. of poles.
- Max. O.D. of conductor: 2.9 mm
- Wire end ferrule without plastic collar to DIN 46228 pt 1
- Wire end ferrule with plastic collar to DIN 46228 pt 4
- Crimp form A for wire end ferrules with PZ1.5 or PZ 6/5 crimping tool are recommended for the largest cable sizes.
- P on drg. = pitch

Related products

Order No.	Short text for material	Number of poles
1690190000	BLZF 3.5/2 SN OR	2
1690420000	BLZF 3.5/2 SN SW	2
1690200000	BLZF 3.5/3 SN OR	3
1690430000	BLZF 3.5/3 SN SW	3
1690210000	BLZF 3.5/4 SN OR	4
1690440000	BLZF 3.5/4 SN SW	4
1690220000	BLZF 3.5/5 SN OR	5
1690450000	BLZF 3.5/5 SN SW	5
1690230000	BLZF 3.5/6 SN OR	6
1690460000	BLZF 3.5/6 SN SW	6
1690240000	BLZF 3.5/7 SN OR	7
1690470000	BLZF 3.5/7 SN SW	7
1690250000	BLZF 3.5/8 SN OR	8
1690480000	BLZF 3.5/8 SN SW	8
1690260000	BLZF 3.5/9 SN OR	9
1690490000	BLZF 3.5/9 SN SW	9
1690270000	BLZF 3.5/10 SN OR	10
1690500000	BLZF 3.5/10 SN SW	10
1690280000	BLZF 3.5/11 SN OR	11
1690510000	BLZF 3.5/11 SN SW	11
1690290000	BLZF 3.5/12 SN OR	12
1690520000	BLZF 3.5/12 SN SW	12
1690300000	BLZF 3.5/13 SN OR	13
1690530000	BLZF 3.5/13 SN SW	13
1690310000	BLZF 3.5/14 SN OR	14
1690540000	BLZF 3.5/14 SN SW	14
1690320000	BLZF 3.5/15 SN OR	15
1690550000	BLZF 3.5/15 SN SW	15

1690560000	BLZF 3.5/16 SN SW	16
1690340000	BLZF 3.5/17 SN OR	17
1690570000	BLZF 3.5/17 SN SW	17
1690350000	BLZF 3.5/18 SN OR	18
1690580000	BLZF 3.5/18 SN SW	18
1690360000	BLZF 3.5/19 SN OR	19
1690590000	BLZF 3.5/19 SN SW	19
1690370000	BLZF 3.5/20 SN OR	20
1690600000	BLZF 3.5/20 SN SW	20
1690380000	BLZF 3.5/21 SN OR	21
1690610000	BLZF 3.5/21 SN SW	21
1690390000	BLZF 3.5/22 SN OR	22
1690620000	BLZF 3.5/22 SN SW	22
1690400000	BLZF 3.5/23 SN OR	23
1690630000	BLZF 3.5/23 SN SW	23
1690410000	BLZF 3.5/24 SN OR	24
1690640000	BLZF 3.5/24 SN SW	24