



CSA rating data

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

Connectable conductors

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
w. plastic collar ferrule, DIN 46228 pt 4, min.	0,2 mm ²
w. plastic collar ferrule, DIN 46228 pt 4, max.	2,5 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, min.	0,13 mm ²

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)	10 A
Rated current, min. No. pins (Tu=40°C)	12 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)	15 A
Rated current, max. No. pins (Tu=20°C)	12 A
Rated impulse withstand voltage for overvoltage class/pollution severity III/3	4 kV

System parameters

Conductor connection system	Clamping yoke connection
Pitch	5,08 mm
Type of screwdriver	SD 0.6 x 3.5 - DIN 5264
L1 in inch	0,200 inch
L1 in mm	5,08 mm
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	Safe from finger touch
Volume resistance	5,0 mΩ
Clamping screw	M 2.5
Outgoing direction of conductor	90°
Number of poles	2

UL 1059 rating data

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

material data

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

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

General ordering data

Order No.	1552760000
Short text for material	BLZ 5.08/2/90 SN OR
EAN	4008190151256

- 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
1552710000	BLZ 5.08/2/90 SN SW	2
1552860000	BLZ 5.08/3/90 SN OR	3
1552810000	BLZ 5.08/3/90 SN SW	3
1552960000	BLZ 5.08/4/90 SN OR	4
1552910000	BLZ 5.08/4/90 SN SW	4
1553060000	BLZ 5.08/5/90 SN OR	5
1553010000	BLZ 5.08/5/90 SN SW	5
1553160000	BLZ 5.08/6/90 SN OR	6
1553110000	BLZ 5.08/6/90 SN SW	6
1553260000	BLZ 5.08/7/90 SN OR	7
1553210000	BLZ 5.08/7/90 SN SW	7
1553360000	BLZ 5.08/8/90 SN OR	8
1553310000	BLZ 5.08/8/90 SN SW	8
1553460000	BLZ 5.08/9/90 SN OR	9
1553410000	BLZ 5.08/9/90 SN SW	9
1553560000	BLZ 5.08/10/90 SN OR	10
1553510000	BLZ 5.08/10/90 SN SW	10
1553660000	BLZ 5.08/11/90 SN OR	11
1553610000	BLZ 5.08/11/90 SN SW	11
1553760000	BLZ 5.08/12/90 SN OR	12
1553710000	BLZ 5.08/12/90 SN SW	12
1553860000	BLZ 5.08/13/90 SN OR	13
1553810000	BLZ 5.08/13/90 SN SW	13
1553960000	BLZ 5.08/14/90 SN OR	14
1553910000	BLZ 5.08/14/90 SN SW	14
1554060000	BLZ 5.08/15/90 SN OR	15
1554010000	BLZ 5.08/15/90 SN SW	15
1554160000	BLZ 5.08/16/90 SN OR	16
1554110000	BLZ 5.08/16/90 SN SW	16

1554260000	BLZ 5.08/17/90 SN OR	17
1554210000	BLZ 5.08/17/90 SN SW	17
1554360000	BLZ 5.08/18/90 SN OR	18
1554310000	BLZ 5.08/18/90 SN SW	18
1554460000	BLZ 5.08/19/90 SN OR	19
1554410000	BLZ 5.08/19/90 SN SW	19
1554560000	BLZ 5.08/20/90 SN OR	20
1554510000	BLZ 5.08/20/90 SN SW	20
1554660000	BLZ 5.08/21/90 SN OR	21
1554610000	BLZ 5.08/21/90 SN SW	21
1554760000	BLZ 5.08/22/90 SN OR	22
1554710000	BLZ 5.08/22/90 SN SW	22
1554860000	BLZ 5.08/23/90 SN OR	23
1554810000	BLZ 5.08/23/90 SN SW	23
1554960000	BLZ 5.08/24/90 SN OR	24
1554910000	BLZ 5.08/24/90 SN SW	24