



#### 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)	28

#### Connectable conductors

Clamping range, min.	0,08 mm <sup>2</sup>
Clamping range, max.	1,5 mm <sup>2</sup>
fine-stranded, min. H05(07) V-U	0,2
fine-stranded, max. H05(07) V-U	1,5 mm <sup>2</sup>
Solid, min. H05(07) V-U	0,2 mm <sup>2</sup>
Solid, max. H05(07) V-U	1,5 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>

#### DIN IEC rating data

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
Rated current, max. No. pins (Tu=40°C)	10 A
Rated current, min. No. pins (Tu=40°C)	14,5 A
Rated impulse withstand voltage for overvoltage class/pollution severity II/2	2,5 kV
Rated current, min. No. pins (Tu=20°C)	17 A
Rated current, max. No. pins (Tu=20°C)	12 A
Rated impulse withstand voltage for overvoltage class/pollution severity III/3	2,5 kV
Rated voltage for overvoltage class/pollution severity III/3	160 V

#### System parameters

Pitch	3,50 mm
L1 in inch	1,240 inch
L1 in mm	31,50 mm
Pitch in inch	0,138 inch
Stripping length	6 mm
Tightening torque, max.	0,25 Nm
Tightening torque, min.	0,2
Number of poles	10

#### UL 1059 rating data

AWG conductor, max. (UL 1059)	14
AWG conductor, min. (UL 1059)	28
Rated voltage, user group D	300 V
Rated current (UL 1059)	10 A

#### material data

UL 94 combustibility class	V-0
Contact surface	tinned
Contact base material	Cu alloy
Insulation material	PBT
Colour	orange

#### Approvals

Rated voltage for overvoltage class/pollution severity III/2	160 V
Rated voltage for overvoltage class/pollution severity II/2	250 V
Rated voltage for overvoltage class/pollution severity III/3	160 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.	1597440000
Short text for material	BL 3.5/10 SN OR
EAN	4008190192013

- 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
- 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
1597360000	BL 3.5/2 SN OR	2
1615670000	BL 3.5/2 SN SW	2
1597370000	BL 3.5/3 SN OR	3
1615680000	BL 3.5/3 SN SW	3
1597380000	BL 3.5/4 SN OR	4
1615690000	BL 3.5/4 SN SW	4
1597390000	BL 3.5/5 SN OR	5
1614090000	BL 3.5/5 SN SW	5
1597400000	BL 3.5/6 SN OR	6
1610180000	BL 3.5/6 SN SW	6
1597410000	BL 3.5/7 SN OR	7
1610190000	BL 3.5/7 SN SW	7
1597420000	BL 3.5/8 SN OR	8
1615700000	BL 3.5/8 SN SW	8
1597430000	BL 3.5/9 SN OR	9
1615710000	BL 3.5/9 SN SW	9
1610200000	BL 3.5/10 SN SW	10
1597450000	BL 3.5/11 SN OR	11
1615720000	BL 3.5/11 SN SW	11
1597460000	BL 3.5/12 SN OR	12
1615730000	BL 3.5/12 SN SW	12
1597470000	BL 3.5/13 SN OR	13
1615740000	BL 3.5/13 SN SW	13
1597480000	BL 3.5/14 SN OR	14
1615750000	BL 3.5/14 SN SW	14
1597490000	BL 3.5/15 SN OR	15
1615760000	BL 3.5/15 SN SW	15
1597500000	BL 3.5/16 SN OR	16
1615770000	BL 3.5/16 SN SW	16
1620290000	BL 3.5/17 SN OR	17
1620370000	BL 3.5/17 SN SW	17
1620300000	BL 3.5/18 SN OR	18
1620380000	BL 3.5/18 SN SW	18
1620310000	BL 3.5/19 SN OR	19
1620390000	BL 3.5/19 SN SW	19
1620320000	BL 3.5/20 SN OR	20
1620400000	BL 3.5/20 SN SW	20
1620330000	BL 3.5/21 SN OR	21
1620410000	BL 3.5/21 SN SW	21
1620340000	BL 3.5/22 SN OR	22
1620420000	BL 3.5/22 SN SW	22
1620350000	BL 3.5/23 SN OR	23
1620430000	BL 3.5/23 SN SW	23
1620360000	BL 3.5/24 SN OR	24
1620440000	BL 3.5/24 SN SW	24