



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 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
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

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