



#### CSA rating data

Rated (nominal) current, user group D	10 A
Rated voltage, user group D	300 V

#### 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 current, min. No. pins (Tu=40°C)	14,5 A
Rated current, max. No. pins (Tu=40°C)	10 A
Rated impulse withstand voltage for overvoltage class/pollution severity III/2	2,5 kV
Rated impulse withstand voltage for overvoltage class/pollution severity II/2	2,5 kV
Rated current, min. No. pins (Tu=20°C)	17 A
Short-time withstand current resistance	3 x 1s with 100 A
Rated impulse withstand voltage for overvoltage class/pollution severity III/3	2,5 kV
Rated current, max. No. pins (Tu=20°C)	12 A

#### Material data

Max. relative humidity during storage	80 %
Storage temperature, min.	-25 °C
Storage temperature, max.	55 °C
Insulating material group	IIIa
Insulation material	PBT
Constant operating temp., min.	-25 °C
Constant operating temp., max.	100 °C
CTI	>= 200
UL 94 combustibility class	V-0
Contact surface	tinned
Contact base material	CuSn
Colour	orange

### System parameters

L1 in mm	10,50 mm
Pitch in inch	0,138 inch
Outgoing elbow	90°
No. of solder pins per pole	1
No. of rows	1
Electric shock protection to DIN VDE 0470	Safe from back-of-hand touch
Dia. of fitting hole	1,3 mm
Insulation resistance	1 MΩ
Codable	yes
Fitted to PCB	Soldered connection
Pitch	3,50 mm
Fitting hole tolerance	+ 0.1 mm
L1 in inch	0,413 inch
Number of poles	4
Length of soldering post	3,2 mm

### UL 1059 rating data

Rated voltage, user group D	300 V
Rated current (UL 1059)	10 A

### 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.	1605090000
Short text for material	SL 3.5/4/90G3.2SN OR
EAN	4008190054304

- Additional colours on request
- Gold-plated contact surfaces on request
- Rated current related to rated cross-section and min. No. of poles.

- 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
1605070000	SL 3.5/2/90G3.2SN OR	2
1605080000	SL 3.5/3/90G3.2SN OR	3
1605100000	SL 3.5/5/90G3.2SN OR	5
1605110000	SL 3.5/6/90G3.2SN OR	6
1605120000	SL 3.5/7/90G3.2SN OR	7
1605130000	SL 3.5/8/90G3.2SN OR	8
1605140000	SL 3.5/9/90G3.2SN OR	9
1605150000	SL 3.5/10/90G3.2SN OR	10
1605160000	SL 3.5/11/90G3.2SN OR	11
1605170000	SL 3.5/12/90G3.2SN OR	12
1605180000	SL 3.5/13/90G3.2SN OR	13
1605190000	SL 3.5/14/90G3.2SN OR	14
1605200000	SL 3.5/15/90G3.2SN OR	15
1605210000	SL 3.5/16/90G3.2SN OR	16
1619380000	SL 3.5/17/90G3.2SN OR	17
1619390000	SL 3.5/18/90G3.2SN OR	18
1619400000	SL 3.5/19/90G3.2SN OR	19
1619410000	SL 3.5/20/90G3.2SN OR	20
1619420000	SL 3.5/21/90G3.2SN OR	21
1619430000	SL 3.5/22/90G3.2SN OR	22
1619440000	SL 3.5/23/90G3.2SN OR	23
1619450000	SL 3.5/24/90G3.2SN OR	24

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