



CSA rating data

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

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 current, max. No. pins (Tu=40°C)	9 A
Rated impulse withstand voltage for overvoltage class/pollution severity II/2	2,5 kV
Rated current, min. No. pins (Tu=40°C)	13 A
Short-time withstand current resistance	3 x 1s with 100 A
Rated impulse withstand voltage for overvoltage class/pollution severity III/2	2,5 kV
Rated current, max. No. pins (Tu=20°C)	11 A
Rated current, min. No. pins (Tu=20°C)	15 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

Material data

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

System parameters

Pitch	3,50 mm
Fitting hole tolerance	+ 0.1 mm
Outgoing elbow	135°
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
L1 in inch	1,240 inch
L1 in mm	31,50 mm
Pitch in inch	0,138 inch
Number of poles	10
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/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.	1643410000
Short text for material	SL 3.5/10/135 3.2 SN OR
EAN	4008190282172

- Additional colours 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
1643330000	SL 3.5/2/135 3.2 SN OR	2
1643340000	SL 3.5/3/135 3.2 SN OR	3
1643350000	SL 3.5/4/135 3.2 SN OR	4
1643360000	SL 3.5/5/135 3.2 SN OR	5
1643370000	SL 3.5/6/135 3.2 SN OR	6
1643380000	SL 3.5/7/135 3.2 SN OR	7
1643390000	SL 3.5/8/135 3.2 SN OR	8
1643400000	SL 3.5/9/135 3.2 SN OR	9
1643420000	SL 3.5/11/135 3.2 SN OR	11
1643430000	SL 3.5/12/135 3.2 SN OR	12
1643440000	SL 3.5/13/135 3.2 SN OR	13
1643450000	SL 3.5/14/135 3.2 SN OR	14
1643460000	SL 3.5/15/135 3.2 SN OR	15
1643470000	SL 3.5/16/135 3.2 SN OR	16
1643480000	SL 3.5/17/135 3.2 SN OR	17
1643490000	SL 3.5/18/135 3.2 SN OR	18
1643500000	SL 3.5/19/135 3.2 SN OR	19
1643510000	SL 3.5/20/135 3.2 SN OR	20
1643520000	SL 3.5/21/135 3.2 SN OR	21
1643530000	SL 3.5/22/135 3.2 SN OR	22
1643540000	SL 3.5/23/135 3.2 SN OR	23
1643550000	SL 3.5/24/135 3.2 SN OR	24