



CSA rating data

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

DIN IEC rating data

Rated voltage for overvoltage class/pollution severity III/3	250 V
Rated voltage for overvoltage class/pollution severity III/2	250 V
Rated voltage for overvoltage class/pollution severity II/2	500 V
Rated current, max. No. pins (Tu=40°C)	25 A
Rated current, min. No. pins (Tu=40°C)	32 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)	32 A
Rated current, max. No. pins (Tu=20°C)	30,5 A
Rated impulse withstand voltage for overvoltage class/pollution severity III/3	4 kV

Material specification

Storage temperature, max.	55 °C
Contact surface	tinned
Contact base material	Cu alloy
Insulating material group	I
Insulation material	PA
Duration of glow-wire test	30 s
Temperature of glow-wire test	750 °C
Storage temperature, min.	-25 °C
CTI	>= 600
UL 94 combustibility class	V-2
Colour	orange

System parameters

Fitted to PCB	Soldered connection
Pitch	5,08 mm
Type of screwdriver	SD 0.8 x 4.0 - DIN 5264
Fitting hole tolerance	+ 0.1 mm
L1 in inch	0,400 inch
L1 in mm	10,16 mm
Pitch in inch	0,200 inch
Stripping length	6 mm
Volume resistance	1,2 mΩ
Dia. of fitting hole	1,3 mm
Clamping screw	M 3
Number of poles	3
Length of soldering post	3,2 mm

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

Connectable conductors

AWG, min.	26
AWG, max.	12
Wire end ferrule , DIN 46 228/1, max.	2,5 mm ²
Gauge to EN 60999 a x b; ø	2.8 mm x 2.4 mm; 3.0 mm
Clamping range, min.	0,13 mm ²
Clamping range, max.	6 mm ²
fine-stranded, min. H05(07) V-U	0,5 mm ²
fine-stranded, max. H05(07) V-U	4 mm ²
Solid, min. H05(07) V-U	0,5 mm ²
Solid, max. H05(07) V-U	6 mm ²
w. plastic collar ferrule, DIN 46228 pt 4, min.	0,5 mm ²
w. plastic collar ferrule, DIN 46228 pt 4, max.	2,5 mm ²
Wire end ferrule , DIN 46 228/1, min.	0,5 mm ²

Approvals

Rated voltage for overvoltage class/pollution severity III/3	250 V
Rated voltage for overvoltage class/pollution severity III/2	250 V
Rated voltage for overvoltage class/pollution severity II/2	500 V

Approvals

Approvals



Classifications

ETIM 2.0	NK
eClass 4.1	NK
eClass 5.0	NK
eClass 5.1	NK

General ordering data

Order No.	1595690000
Short text for material	LP5.08/3/135 3.2 OR
EAN	4008190190293

- Additional colours 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
1595730000	LP5.08/2/135 3.2 OR	2
1843150000	LP5.08/5/135 3.2 OR	5
1759360000	LP5.08/6/135 3.2 OR	6
1843160000	LP5.08/7/135 3.2 OR	7
1752940000	LP5.08/8/135 3.2 OR	8
1843170000	LP5.08/9/135 3.2 OR	9
1843180000	LP5.08/10/135 3.2 OR	10
1843190000	LP5.08/11/135 3.2 OR	11
1843200000	LP5.08/12/135 3.2 OR	12