



#### CSA rating data

Rated (nominal) current, user group D	10 A
Rated voltage, user group D	300 V
AWG conductor, min. (CSA)	26
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
Short-time withstand current resistance	3 x 1s with 120 A
Rated impulse withstand voltage for overvoltage class/pollution severity III/3	4 kV
Rated current, max. No. pins (Tu=20°C)	30,5 A
Rated current, min. No. pins (Tu=40°C)	32 A
Rated current, max. No. pins (Tu=40°C)	25 A
Rated impulse withstand voltage for overvoltage class/pollution severity III/2	4 kV
Rated impulse withstand voltage for overvoltage class/pollution severity II/2	4 kV
Rated current, min. No. pins (Tu=20°C)	32 A

#### Material specification

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

**System parameters**

Pitch	5,00 mm
Type of screwdriver	SD 0.8 x 4.0 - DIN 5264
Fitting hole tolerance	+ 0.1 mm
L1 in inch	0,197 inch
L1 in mm	5,00 mm
Pitch in inch	0,197 inch
Stripping length	6 mm
No. of rows	1
Electric shock protection to DIN VDE 0470	IP 20
Electric shock protection to DIN VDE 0470	Safe from finger touch
Volume resistance	1,2 mΩ
Dia. of fitting hole	1,3 mm
Clamping screw	M 3
Fitted by customer	yes
Fitted to PCB	Soldered connection
Number of poles	2
Length of soldering post	3,2 mm

**UL 1059 rating data**

AWG conductor, min. (UL 1059)	26
Rated voltage, user group D	300 V
Rated current (UL 1059)	10 A
AWG conductor, max. (UL 1059)	12

**Connectable conductors**

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

**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.	1595750000
Short text for material	LP5.00/2/135 3.2 OR
EAN	4008190190231

- 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
1595710000	LP5.00/3/135 3.2 OR	3
1791710000	LP5.00/4/135 3.2 OR	4
1843210000	LP5.00/5/135 3.2 OR	5
1843220000	LP5.00/6/135 3.2 OR	6
1843230000	LP5.00/7/135 3.2 OR	7
1843240000	LP5.00/8/135 3.2 OR	8
1843250000	LP5.00/9/135 3.2 OR	9
1843260000	LP5.00/10/135 3.2 OR	10
1843270000	LP5.00/11/135 3.2 OR	11
1843280000	LP5.00/12/135 3.2 OR	12

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