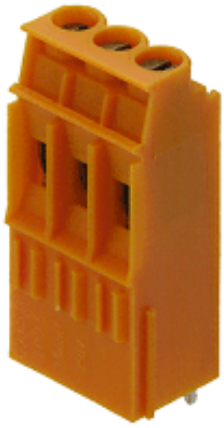

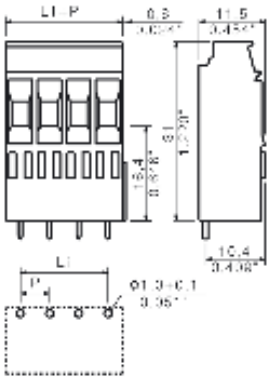

CSA rating data

AWG conductor, max. (CSA)	12
AWG conductor, min. (CSA)	26

DIN IEC rating data

Rated current, min. No. pins (Tu=20°C)	32 A
Rated current, min. No. pins(Tu=40°C)	32 A
Short-time withstand current resistance	3 x 1s with 120 A

Material specification

UL 94 combustibility class	V-2
Contact surface	tinned
Insulating material group	I
Contact base material	Cu alloy
Insulation material	PA
CTI	>= 600
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
Stripping length	6 mm
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
L1 in inch	0,200 inch
L1 in mm	5,08 mm
Pitch in inch	0,200 inch
Number of poles	2
Length of soldering post	3,2 mm

UL 1059 rating data

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

Connectable conductors	
Clamping range, max.	6 mm²
fine-stranded, min. H05(07) V-U	0,5 mm²
fine-stranded, max. H05(07) V-U	4 mm²
Solid, min. H05(07) V-U	0,5 mm²
Solid, max. H05(07) V-U	6 mm²
AWG, min.	26
AWG, max.	12
w. plastic collar ferrule, DIN 46228 pt 4, min.	0,5 mm²
w. plastic collar ferrule, DIN 46228 pt 4, max.	2,5 mm²
Wire end ferrule , DIN 46 228/1, min.	0,5 mm²
Wire end ferrule , DIN 46 228/1, max.	2,5 mm²
Gauge to EN 60999 a x b; ø	2.8 mm x 2.4 mm; 3.0 mm
Clamping range, min.	0,13 mm²

Approvals	
Approvals	

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

General ordering data	
Order No.	1640830000
Short text for material	LP1N5.08/2 3.2 OR
EAN	4008190449919

- 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
1640840000	LP1N5.08/3 3.2 OR	3