

## Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Weidmüller](#)  
[1884380000](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

**Datasheet**

**System LSF**  
**LSF-SMT 5.00/04/135 3.5SN BK TU**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-2083  
 www.weidmueller.com



PCB terminal for fully automatic assembly in reflow soldering (SMT), with Push In conductor connection system. Conductor inserted and slider operated in same direction (TOP). Packed in box or as tape on reel. Pin lengths optimised at 1.5 mm or 3.5 mm.

- 0.20 - 1.5 mm<sup>2</sup> (IEC) / 24 - 16 AWG (UL)
- 500 V (IEC) / 300 V (UL)
- 17.5 A (IEC) / 10 A (UL)

**General ordering data**

Order No.	<a href="#">1884380000</a>
Part designation	LSF-SMT 5.00/04/135 3.5SN BK TU
Version	PCB terminal, 5.00 mm, No. of poles: 4, 135°, Solder pin length: 3.5 mm, tinned, black, PUSH IN, Clamping range, max.: 1.5 mm <sup>2</sup> , Tube
GTIN (EAN)	4032248488858
Qty.	28 pc(s).
Packaging	Tube

## Datasheet

### System LSF LSF-SMT 5.00/04/135 3.5SN BK TU

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-2083  
 www.weidmueller.com

## Technical data

### System parameters

Product family	System LSF	Conductor connection system	PUSH IN
Fitted to PCB	Reflow solder connection	Outgoing direction of conductor	135°
Pitch in mm	5 mm	Pitch in inch	0.197 inch
No. of poles	4	Fitted by customer	Yes
No. of rows	1	Solder pin length	3.5 mm
Diameter of solder eyelet	1.1 mm	Tolerance of the diameter of the solder eyelet	+ 0,1 mm
Number of solder pins per pole	2	Stripping length	8 mm
L1 in mm	15 mm	L1 in inch	0.591 inch
Electric shock protection to DIN VDE 0470	IP 20	Electric shock protection to DIN VDE 57 106	Safe from finger touch

### Material data

Insulating material	LCP GF	Colour	black
Flammability class UL 94	V-0	CTI	≥ 175
Contact material	Copper alloy	Contact surface	tinned
Contact base material	Copper alloy		

### Connectable conductors

Clamping range, min.	0.13 mm <sup>2</sup>	Clamping range, max.	1.5 mm <sup>2</sup>
Conductor connection cross-section AWG, min.	AWG 24	Conductor connection cross-section AWG, max.	AWG 16
Solid, min. H05(07) V-U	0.2 mm <sup>2</sup>	Solid, max. H05(07) V-U	1.5 mm <sup>2</sup>
Flexible, min. H05(07) V-K	0.2 mm <sup>2</sup>	Flexible, max. H05(07) V-K	1.5 mm <sup>2</sup>
w. wire end ferrule, DIN 46228 pt 1, min.	0.25 mm <sup>2</sup>	with wire end ferrule, DIN 46228 pt 1, max.	1.5 mm <sup>2</sup>
w. plastic collar ferrule, DIN 46228 pt 4, min.	0.25 mm <sup>2</sup>	with plastic collar ferrule, DIN 46228 pt 4, max.	0.75 mm <sup>2</sup>

### DIN IEC rating data

Rated current, min. No. of poles (Tu=20°C)	17.5 A	Rated current, max. No. of poles (Tu=20°C)	17.5 A
Rated current, no. of poles (Tu=40°C), min.	17.5 A	Rated current, no. of poles (Tu=40°C), max.	15 A
Rated voltage for overvoltage class/pollution severity II/2	500 V	Rated voltage for overvoltage class/pollution severity III/2	320 V
Rated voltage at overvoltage category/pollution degree III/3	250 V	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	Rated impulse withstand voltage for overvoltage class/pollution severity III/3	4 kV
Short-time withstand current resistance	3 x 1s with 80 A		

### CSA rating data

Rated voltage (Use group B)	300 V	Rated current (use group B)	10 A
Rated voltage (use group D)	300 V	Rated current (use group D)	10 A
Wire cross-section, AWG, min.	AWG 24	Wire cross-section, AWG, max.	AWG 16

### UL 1059 rating data

Rated voltage (use group B)	300 V	Rated current (use group B)	12 A
Rated voltage (use group D)	300 V	Rated current (use group D)	10 A
Wire cross-section, AWG, min.	AWG 24	Wire cross-section, AWG, max.	AWG 16

## Datasheet

### System LSF LSF-SMT 5.00/04/135 3.5SN BK TU

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-2083  
 www.weidmueller.com

## Technical data

### Approvals

Approvals institutes	CSA; CURUS; GOSTME25; ROHS
----------------------	-------------------------------

### Classifications

ETIM 3.0	EC001284	eClass 5.1	27-26-11-01
eClass 6.0	27-26-11-01		

### Notes

Notes	<ul style="list-style-type: none"> <li>• Additional colours on request</li> <li>• Rated current related to rated cross-section and min. No. of poles.</li> <li>• Wire end ferrule without plastic collar to DIN 46228 pt 1</li> <li>• The data given under CSA relates to a cUL approval - E60693</li> <li>• P on drg. = pitch</li> <li>• Diameter of solder eyelet D = 1.1+0.1 mm</li> <li>• Operating force of slider max. 40 N</li> <li>• 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.</li> <li>• Crimping shape "A" for wire end ferrules with PZ 6/5 crimping tool are recommended for the largest cable sizes.</li> </ul>
-------	--

**Datasheet**

**System LSF**  
**LSF-SMT 5.00/04/135 3.5SN BK TU**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-2083  
[www.weidmueller.com](http://www.weidmueller.com)

**Drawings**

