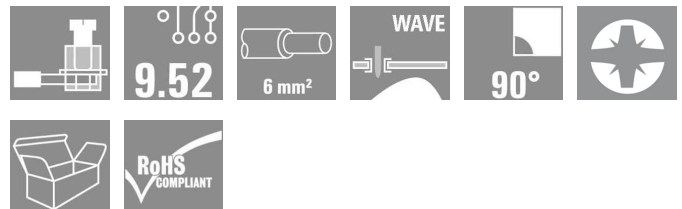


OMNIMATE Signal - series LL LL 9.52/02/90 5.0SN OR BX

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



This PCB terminal provides connections for 1000 V, 6 mm² conductor cross-section and 32 A with proven clamping yoke connection at 9.52 mm pitch, conductor outlet direction in 90° design.

- 0.18 - 6.0mm² (IEC) / 26 - 10 AWG (UL)
- 1000 V (IEC) / 300 V (UL)
- 32 A (IEC) / 30 A (UL)

General ordering data

Type	LL 9.52/02/90 5.0SN OR BX
Order No.	1724680000
Version	PCB terminal, 9.52 mm, No. of poles: 2, 90°, Solder pin length (l): 5 mm, tinned, Orange, Clamping yoke connection, Clamping range, rated connection, max.: 6 mm ² , Box
GTIN (EAN)	4008190959777
Qty.	100 pc(s).
Product data	IEC: 1000 V / 32 A / 0.18 - 6 mm ² UL: 300 V / 30 A / AWG 26 - AWG 10
Packaging	Box

Erstellungs-Datum January 14, 2014 2:26:58 PM CET

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Technische Daten

Dimensions and weights

Net weight 6.46 g

System characteristics

Product family	OMNIMATE Signal - series LL	Wire connection method	Clamping yoke connection
Mounting onto the PCB	Solder connection	Conductor outlet direction	90°
Pitch in mm (P)	9.52 mm	Pitch in inches (P)	0.375 inch
No. of poles	2	Fitted by customer	Yes
Max. adjacent poles per row	12	Solder pin length (l)	5 mm
Solder eyelet hole diameter (D)	1.3 mm	Solder eyelet hole diameter tolerance (D)+	0.1 mm
Number of solder pins per pole	1	Screwdriver blade	0.8 x 4.0
Screwdriver blade standard	DIN 5264	Tightening torque, min.	0.5 Nm
Tightening torque, max.	0.6 Nm	Clamping screw	M 3
Stripping length	7 mm	L1 in mm	9.52 mm
L1 in inches	0.375 inch	Touch-safe protection acc. to DIN VDE 0470	IP 20
Touch-safe protection acc. to DIN VDE 57 106	Safe from finger touch		

Material data

Insulating material	Wemid (PA)	Colour	Orange
UL 94 flammability rating	V-0	CTI	≥ 600
Contact material	Cu-Leg	Contact surface	tinned
Contact base material	Cu-Leg		

Connectable conductors

Clamping range, rated connection, min.	0.18 mm ²	Clamping range, rated connection, max.	6 mm ²
Wire connection cross section AWG, min.	AWG 26	Wire connection cross section AWG, max.	AWG 10
Solid, min. H05(07) V-U	0.18 mm ²	Solid, max. H05(07) V-U	6 mm ²
Flexible, min. H05(07) V-K	0.22 mm ²	Flexible, max. H05(07) V-K	4 mm ²
w. wire end ferrule, DIN 46228 pt 1, min.	0.5 mm ²	w. wire end ferrule, DIN 46228 pt 1, max.	4 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
Plug gauge acc. to EN 60999 a x b; Ø	3.6 mm x 3.1 mm; 2.7 mm		

DIN IEC rating data

Rated current, min. no. of poles (Tu=20°C)	32 A	Rated current, max. no. of poles (Tu=20°C)	32 A
Rated current, number of poles (Tu=40°C), min	32 A	Rated current, number of poles (Tu=40°C), max.	32 A
Rated voltage for surge voltage class pollution degree II/2	1,000 V	Rated voltage for surge voltage class pollution degree III/2	1,000 V
Rated voltage for surge voltage class pollution degree III/3	690 V	Rated impulse voltage for surge voltage class pollution degree II/2	6 kV
Rated impulse voltage for surge voltage class pollution degree III/2	8 kV	Rated impulse voltage for surge voltage class contamination degree III/3	8 kV
Short-time withstand current resistance	3 x 1s with 120 A		

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Technische Daten

CSA rating data

Institute (CSA)				Rated voltage (Use group B)	
				300 V	
Rated current (use group B)	30 A			Rated voltage (Use group C)	300 V
Rated current (use group C)	35 A			Wire cross-section, AWG, min.	AWG 26
Wire cross-section, AWG, max.	AWG 10				

UL 1059 rating data

Rated voltage (use group B)	300 V	Rated current (use group B)	30 A
Rated voltage (use group C)	300 V	Rated current (use group C)	30 A
Wire cross-section, AWG, min.	AWG 26	Wire cross-section, AWG, max.	AWG 10

Classifications

ETIM 3.0	EC001284	UNSPSC	30-21-18-01
eClass 6.2	27-26-11-01	eClass 7.1	27-44-04-01

Notes

Notes	- Rated current related to rated cross-section & min. No. of poles. - Wire end ferrule without plastic collar to DIN 46228/1 - Wire end ferrule with plastic collar to DIN 46228/4 - P on drawing = 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.
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Approvals

Approvals	
ROHS	Conform

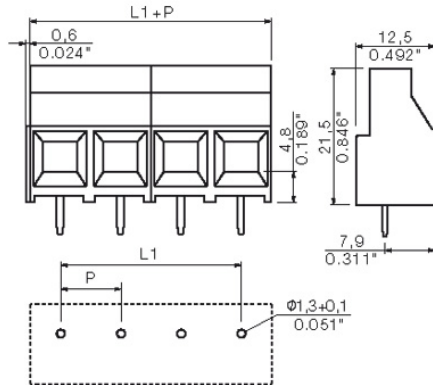
Downloads

CAD Library (P-CAD Format - ASCII)	LL.zip
CAD Library (P-CAD Format - Standard)	LL.zip
3D Modell	

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Zeichnungen



LL 9.52/./90

