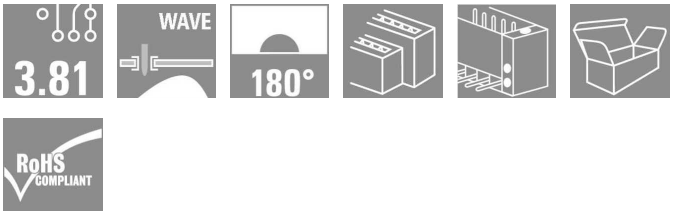
OMNIMATE Signal - series BC/SC 3.81
SCDV 3.81/10/180F 3.2SN OR BX

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
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Two-tier SCDV pin header for wave soldering.
- It allows you to use two interfaces on only one surface and with only one step in the work flow.
- Outlet direction: 180° (standing).
- Connections at two offset levels and open access to each row.
- Space for labelling and coding
- Packed in cardboard box.

Weidmüller's 3.81-mm-pitch (0.15 inch) plug-in connectors are compatible with the layouts of standard connectors and offer space for labelling and coding.
- 320 V (IEC) / 300 V (UL)
- 17.5 A (IEC) / 10 A (UL)

General ordering data

Type	SCDV 3.81/10/180F 3.2SN OR BX
Order No.	1035020000
Version	PCB plug-in connector, male header, Flange, Solder connection, 3.81 mm, No. of poles: 10, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box
GTIN (EAN)	4032248763795
Qty.	50 pc(s).
Product data	IEC: 320 V / 17.5 A UL: 300 V / 10 A
Packaging	Box

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Technische Daten

Dimensions and weights

Net weight	7.441 g

System parameters

Product family	OMNIMATE Signal - series BC/SC 3.81	Mounting onto the PCB	Solder connection
Outgoing elbow	180°	Pitch in mm (P)	3.81 mm
Pitch in inches (P)	0.15 inch	No. of poles	10
Solder pin length (l)	3.2 mm	Pin dimensions	d = 1.0 mm, Octagonal
Can be coded	Yes	Number of solder pins per pole	1
Solder eyelet hole diameter (D)	1.2 mm	Solder eyelet hole diameter tolerance (D)	+ 0,1 mm
L1 in mm	15.24 mm	L1 in inches	0.6 inch
Insulation resistance	10^6 Ω	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	PA GF	Colour	Orange
Insulating material group	II	UL 94 flammability rating	V-0
CTI	≥ 550	Contact material	Cu-Leg
Contact surface	tinned	Max. relative humidity during storage	93 %

DIN IEC rating data

Rated current, min. no. of poles (TU=20°C)	17.5 A	Rated current, number of poles (Tu=40°C), min	17 A
Rated voltage for surge voltage class pollution degree III/3	160 V	Rated impulse voltage for surge voltage classcontamination degree III/3	2.5 kV
Rated voltage for surge voltage class pollution degree III/2	160 V	Rated impulse voltage for surge voltage classpollution degree III/2	2.5 kV
Rated voltage for surge voltage class pollution degree II/2	320 V	Rated impulse voltage for surge voltage classpollution degree II/2	2.5 kV
Short-time withstand current resistance	3 x 1s with 76 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

UL 1059 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

Classifications

eClass 6.2	27-26-07-04	eClass 7.1	27-44-04-02

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Notes

Notes	• Additional colours on request • Rated current related to rated cross-section & min. No. of poles. • 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. • P on drawing = pitch

Approvals

Approvals	
ROHS	Conform

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Zeichnungen

