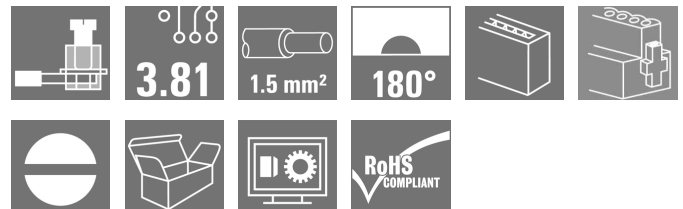


OMNIMATE Signal - series BC/SC 3.81 BCZ 3.81/07/180F SN BK BX

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Product image



Similar to illustration

Female socket connectors with clamping-yoke screw system for connecting wires.

Three wire-outlet directions are available and provide flexible connection-level design options:

- 180° wire parallel to plugging direction
- 90° wire perpendicular and above plugging direction
- 270° wire perpendicular and below plugging direction

There are three housing shapes, covering many different requirements, to choose from:

- Standard housing without flange
- Flange with screw (F)
- Flange featuring Weidmüller's patented release latch (LR) for lock-and-release latching with no strain and no tools needed.

Weidmüller's 3.81-mm-pitch (0.15 inch) plug-in connectors are compatible with the layouts of customary connectors and offer space for labelling and coding.

General ordering data

Type	BCZ 3.81/07/180F SN BK BX
Order No.	1837020000
Version	PCB plug-in connector, female plug, 3.81 mm, No. of poles: 7, 180°, Clamping yoke connection, Clamping range, max.: 1.5 mm², Box
GTIN (EAN)	4032248345380
Qty.	50 pc(s).
Product data	IEC: 320 V / 17.5 A / 0.2 - 1.5 mm² UL: 300 V / 10 A / AWG 28 - AWG 16
Packaging	Box

OMNIMATE Signal - series BC/SC 3.81 BCZ 3.81/07/180F SN BK BX

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Technical data

Dimensions and weights

Width	37.09 mm	Width (inches)	1.46 inch
Height	11.1 mm	Height (inches)	0.437 inch
Depth	16.1 mm	Depth (inches)	0.634 inch
Net weight	6.66 g		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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System parameters

Product family	OMNIMATE Signal - series BC/SC 3.81	Type of connection	Field connection
Wire connection method	Clamping yoke connection	Pitch in mm (P)	3.81 mm
Pitch in inches (P)	0.15 inch	Conductor outlet direction	180°
No. of poles	7	L1 in mm	22.86 mm
L1 in inches	0.9 inch	Number of rows	1
Pin series quantity	1	Rated cross-section	1 mm ²
Touch-safe protection acc. to DIN VDE 57 106	Safe from finger touch	Touch-safe protection acc. to DIN VDE 0470	IP 20
Volume resistance	6.00 mΩ	Can be coded	Yes
Stripping length	7 mm	Tightening torque for screw flange, min.	0.2 Nm
Tightening torque for screw flange, max.	0.3 Nm	Tightening torque, min.	0.2 Nm
Tightening torque, max.	0.25 Nm	Clamping screw	M 2
Screwdriver blade	0.4 x 2.5	Screwdriver blade standard	DIN 5264
Plugging cycles	25	Plugging force/pole, max.	7 N
Pulling force/pole, max.	5 N		

Material data

Insulating material	PA 66 GF 30	Colour	Black
Colour chart (similar)	RAL 9011	Insulating material group	II
CTI	≥ 550	Insulation resistance	≥ 10 ⁸ Ω
UL 94 flammability rating	V-0	Contact material	Copper alloy
Contact surface	tinned	Layer structure of plug contact	0.5-1.5 µm Cu / 2-5 µm Sn
Storage temperature, min.	-25 °C	Storage temperature, max.	55 °C
Max. relative humidity during storage	80 %	Operating temperature, min.	-50 °C
Operating temperature, max.	120 °C	Temperature range, installation, min.	-25 °C
Temperature range, installation, max.	120 °C		

Conductors suitable for connection

Clamping range, min.	0.08 mm ²	Clamping range, max.	1.5 mm ²
Wire connection cross section AWG, min.	AWG 28	Wire connection cross section AWG, max.	AWG 16
Solid, min. H05(07) V-U	0.2 mm ²	Solid, max. H05(07) V-U	1.5 mm ²
Flexible, min. H05(07) V-K	0.2 mm ²	Flexible, max. H05(07) V-K	1.5 mm ²
w. plastic collar ferrule, DIN 46228 pt 4, min.	0.2 mm ²	w. plastic collar ferrule, DIN 46228 pt 4, max.	1.5 mm ²
w. wire end ferrule, DIN 46228 pt 1, min.	0.2 mm ²	w. wire end ferrule, DIN 46228 pt 1, max.	1.5 mm ²
Plug gauge in accordance with EN 60999 a x b; ø	2.4 mm x 1.5 mm ; 2.4 mm		

**OMNIMATE Signal - series BC/SC 3.81
BCZ 3.81/07/180F SN BK BX**

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Technical data
Rated data acc. to IEC

tested acc. to standard	IEC 60664-1, IEC 61984	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, min. no. of poles (Tu=40°C)	17 A
Rated current, max. no. of poles (Tu=40°C)	15.2 A	Rated voltage for surge voltage class / pollution degree II/2	320 V
Rated voltage for surge voltage class / pollution degree III/2	160 V	Rated voltage for surge voltage class / pollution degree III/3	160 V
Rated impulse voltage for surge voltage class/ pollution degree II/2	2.5 kV	Rated impulse voltage for surge voltage class/ pollution degree III/2	2.5 kV
Rated impulse voltage for surge voltage class/ contamination degree III/3	2.5 kV	Short-time withstand current resistance	3 x 1s with 76 A

Rated data acc. to CSA

Institute (CSA)		Certificate No. (CSA)	200039-1121690
Rated voltage (Use group B)	300 V	Rated voltage (Use group C)	50 V
Rated current (use group B)	8 A	Rated current (use group C)	8 A
Wire cross-section, AWG, min.	AWG 28	Wire cross-section, AWG, max.	AWG 16
Reference to approval values	Specifications are maximum values, details - see approval certificate.		

Rated data acc. to UL 1059

Institute (cURus)		Certificate No. (cURus)	E60693
Rated voltage (use group B)	300 V	Rated voltage (use group D)	300 V
Rated current (use group B)	10 A	Rated current (use group D)	10 A
Wire cross-section, AWG, min.	AWG 28	Wire cross-section, AWG, max.	AWG 16
Reference to approval values	Specifications are maximum values, details - see approval certificate.		

Packaging

Packaging	Box	VPE length	45 mm
VPE width	115 mm	VPE height	115 mm

Classifications

ETIM 3.0	EC001284	ETIM 4.0	EC002637
ETIM 5.0	EC002637	ETIM 6.0	EC002637
UNSPSC	30-21-18-10	eClass 5.1	27-26-07-04
eClass 6.2	27-26-07-04	eClass 7.1	27-44-04-02
eClass 8.1	27-44-04-02	eClass 9.0	27-44-04-02
eClass 9.1	27-44-04-02		

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Technical data

Notes

Notes

- Additional colours on request
- 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.

IPC conformity

Conformity: The products are developed, manufactured and delivered according international recognized standards and norms and comply with the assured properties in the data sheet resp. fulfill decorative properties in accordance with IPC-A-610 "Class 2". Further claims on the products can be evaluated on request.

Approvals

Approvals



ROHS

Conform

Downloads

Approval/Certificate/Document of Conformity

[CB Certificate](#)
[CB Testreport](#)
[Declaration of the Manufacturer](#)

Brochure/Catalogue

[FL DRIVES EN](#)
[MB DEVICE MANUF. EN](#)
[FL DRIVES DE](#)
[CAT 2 PORTFOLIOGUIDE EN](#)
[FL BUILDING SAFETY EN](#)
[FL APPL LED LIGHTING EN](#)
[FL INDUSTR.CONTROLS EN](#)
[FL MACHINE SAFETY EN](#)
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[FL APPL INVERTER EN](#)
[FL BASE STATION EN](#)
[FL ELEVATOR EN](#)
[FL POWER SUPPLY EN](#)
[FL 72H SAMPLE SER EN](#)
[PO OMNIMATE EN](#)

Engineering Data

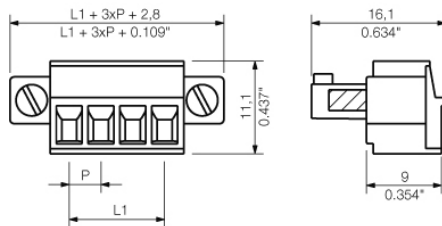
[EPLAN_WSCAD](#)

OMNIMATE Signal - series BC/SC 3.81 BCZ 3.81/07/180F SN BK BX

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Drawings

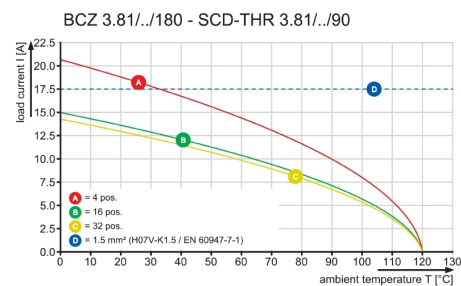
Dimensional drawing



Graph



Graph



Graph



OMNIMATE Signal - series BC/SC 3.81 BCZ 3.81/07/180F SN BK BX

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Mating connector (fully pluggable)

SC-SMT 3.81/180LF Box



High-temperature-resistant pin header (SC-SMT 180LF) in 3.81-mm pitch (0.15 inch)

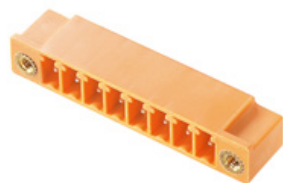
- Plugging direction is perpendicular to PCB (standing)
- With solder flange (LF).
- Packed either in box (BX) or on anti-static roll (tape-on-reel, RL)
- Pin length of either 1.5 mm or 3.2 mm

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.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SC-SMT	1863310000	PCB plug-in connector, male	4032248428489	50 pc(s).	IEC: 320 V / 17.5 A	Box
3.81/07/180LF		header, Solder flange, THT/			UL: 300 V / 10 A	
3.2SN BK BX		THR solder connection,				
		3.81 mm, No. of poles: 7,				
		180°, Solder pin length (l):				
		3.2 mm, tinned, Black, Box				
Discontinued	2014-05-20T00:00:00+02:00	SC-SMT 3.81/07/180LF	1864120000	PCB plug-in	4032248429424	50
		1.5SN BK BX		connector, male		pc(s).
				header, Solder		
				flange, THT/THR		
				solder connection,		
				3.81 mm, No. of		
				poles: 7, 180°,		
				Solder pin length		
				(l): 1.5 mm,		
				tinned, Black, Box		

SC 3.81/90F



The SC pin header has a parallel (recumbent) plugging direction in relation to the PCB. It is available in closed (G) and screw flange (F) versions.

Weidmüller's 3.81-mm-pitch (0.15 inch) plug-in connectors are compatible with the layouts of standard connectors. They support a flood-light display and offer space for labelling and coding.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SC	1942740000	PCB plug-in connector, male	4032248654857	50 pc(s).	IEC: 320 V / 17.5 A	Box
3.81/07/90F		header, Flange, THT solder			UL: 300 V / 10 A	
3.2SN BK BX		connection, 3.81 mm, No.				
		of poles: 7, 90°, Solder pin				
		length (l): 3.2 mm, tinned,				
		Black, Box				

OMNIMATE Signal - series BC/SC 3.81

BCZ 3.81/07/180F SN BK BX

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Mating connector (fully pluggable)

Discontinued	2016-07-08T00:00:00+02:00	SC 3.81/07/90F 3.2SN GN 1942640000 BX	PCB plug-in connector, male header, Flange, THT solder connection, 3.81 mm, No. of poles: 7, 90°, Solder pin length (l): 3.2 mm, tinned, Pale green, Box	4032248654956	50 pc(s).
SC	1942500000	PCB plug-in connector, male header, Flange, THT solder connection, 3.81 mm, No. of poles: 7, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4032248655090	50 pc(s).	IEC: 320 V / 17.5 A UL: 300 V / 10 A

SC-SMT 3.81/90LF Tape



High-temperature-resistant pin header (SC-SMT 90LF) in 3.81-mm pitch (0.15 inch)

- Plugging direction parallel to PCB (recumbent)
- With solder flange (LF).
- Packed either in box (BX) or on anti-static roll (tape-on-reel, RL)
- Pin length of either 1.5 mm or 3.2 mm

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.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SC-SMT	1862830000	PCB plug-in connector, male header, Solder flange, THT/THR solder connection, 3.81 mm, No. of poles: 7, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Tape	4032248427994	400 pc(s).	IEC: 320 V / 17.5 A UL: 300 V / 10 A	Tape
3.81/07/90LF						
1.5SN BK RL						
Discontinued	2014-05-20T00:00:00+02:00	SC-SMT 3.81/07/90LF 3.2SN BK RL	1864010000	PCB plug-in connector, male header, Solder flange, THT/THR solder connection, 3.81 mm, No. of poles: 7, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Tape	4032248429257	400 pc(s).

OMNIMATE Signal - series BC/SC 3.81 BCZ 3.81/07/180F SN BK BX

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Mating connector (fully pluggable)

SC-SMT 3.81/180LF Tape



High-temperature-resistant pin header (SC-SMT 180LF) in 3.81-mm pitch (0.15 inch)

- Plugging direction is perpendicular to PCB (standing)
- With solder flange (LF).
- Packed either in box (BX) or on anti-static roll (tape-on-reel, RL)
- Pin length of either 1.5 mm or 3.2 mm

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.

General ordering data

Delivery status Available until	Type	Order No.	Version	GTIN (EAN)	Qty.
Discontinued 2014-05-20T00:00:00+02:00	SC-SMT 3.81/07/180LF 3.2SN BK RL	1863620000	PCB plug-in connector, male header, Solder flange, THT/THR solder connection, 3.81 mm, No. of poles: 7, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Tape	4032248428830	300 pc(s).
SC-SMT 3.81/07/180LF 1.5SN BK RL	PCB plug-in connector, male header, Solder flange, THT/ THR solder connection, 3.81 mm, No. of poles: 7, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Tape	1864270000	4032248429578	IEC: 320 V / 17.5 A UL: 300 V / 10 A	300 pc(s). Tape

SC-SMT 3.81/90LF Box



High-temperature-resistant pin header (SC-SMT 90LF) in 3.81-mm pitch (0.15 inch)

- Plugging direction parallel to PCB (recumbent)
- With solder flange (LF).
- Packed either in box (BX) or on anti-static roll (tape-on-reel, RL)
- Pin length of either 1.5 mm or 3.2 mm

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.

General ordering data

Delivery status Available until	Type	Order No.	Version	GTIN (EAN)	Qty.
Discontinued 2014-05-20T00:00:00+02:00	SC-SMT 3.81/07/90LF 1.5SN BK BX	1862620000	PCB plug-in connector, male header, Solder flange, THT/THR	4032248427819	50 pc(s).

OMNIMATE Signal - series BC/SC 3.81

BCZ 3.81/07/180F SN BK BX

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Mating connector (fully pluggable)

solder connection,
 3.81 mm, No.
 of poles: 7, 90°,
 Solder pin length
 (l): 1.5 mm,
 tinned, Black, Box

SC-SMT	1863740000	PCB plug-in connector, male	4032248428908 50 pc(s).	IEC: 320 V / 17.5 A	Box
3.81/07/90LF		header, Solder flange, THT/		UL: 300 V / 10 A	
3.2SN BK BX		THR solder connection, 3.81 mm, No. of poles: 7, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box			

SC 3.81/180F



The SC pin header has a perpendicular (standing) plugging direction in relation to the PCB. It is available in closed (G) and screw flange (F) versions. 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.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SC	1837010000	PCB plug-in connector, male	4032248345373 50 pc(s).		IEC: 320 V / 17.5 A	Box
3.81/07/180F		header, Flange, THT solder			UL: 300 V / 10 A	
3.2SN BK BX		connection, 3.81 mm, No. of poles: 7, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box				
SC	1943230000	PCB plug-in connector, male	4032248654369 50 pc(s).		IEC: 320 V / 17.5 A	Box
3.81/07/180F		header, Flange, THT solder			UL: 300 V / 10 A	
3.2SN OR BX		connection, 3.81 mm, No. of poles: 7, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box				
Discontinued	2016-07-08T00:00:00+02:00	SC 3.81/07/180F 3.2SN GN BX	1943370000	PCB plug-in connector, male header, Flange, THT solder connection, 3.81 mm, No. of poles: 7, 180°, Solder pin length (l): 3.2 mm, tinned, Pale green, Box	4032248654222	50 pc(s).

OMNIMATE Signal - series BC/SC 3.81

BCZ 3.81/07/180F SN BK BX

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Mating connector (conditionally pluggable)

SC 3.81/180G



The SC pin header has a perpendicular (standing) plugging direction in relation to the PCB. It is available in closed (G) and screw flange (F) versions. 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.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SC	1942890000	PCB plug-in connector, male	4032248654703	50 pc(s).	IEC: 320 V / 17.5 A	Box
3.81/07/180G		header, closed side, THT			UL: 300 V / 10 A	
3.2SN OR BX		solder connection, 3.81 mm, No. of poles: 7, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box				

SC-SMT 3.81/180G Tape



High-temperature-resistant pin header (SC-SMT 180G) in 3.81-mm pitch (0.15 inch)

- Plugging direction is perpendicular to PCB (standing)
- Closed (G) .
- Packed either in box (BX) or on anti-static roll (tape-on-reel, RL)
- Pin length of either 1.5 mm or 3.2 mm

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.

General ordering data

Delivery status	Available until	Type	Order No.	Version	GTIN (EAN)	Qty.
Discontinued	2014-05-20T00:00:00+02:00	SC-SMT 3.81/07/180G	1863570000	PCB plug-in	4032248428717	300
		3.2SN BK RL		connector, male		pc(s).
				header, closed side, THT/THR		
				solder connection, 3.81 mm, No. of poles: 7, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Tape		
SC-SMT	1864320000	PCB plug-in connector, male	4032248429615	300 pc(s).	IEC: 320 V / 17.5 A	Tape
3.81/07/180G		header, closed side, THT/			UL: 300 V / 10 A	
1.5SN BK RL		THR solder connection, 3.81 mm, No. of poles: 7,				

OMNIMATE Signal - series BC/SC 3.81

BCZ 3.81/07/180F SN BK BX

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Mating connector (conditionally pluggable)

180°, Solder pin length (l):
 1.5 mm, tinned, Black, Tape

SC-SMT 3.81/180G Box



High-temperature-resistant pin header (SC-SMT 180G) in 3.81-mm pitch (0.15 inch)

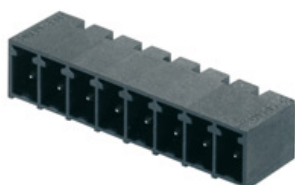
- Plugging direction is perpendicular to PCB (standing)
- Closed (G)
- Packed either in box (BX) or on anti-static roll (tape-on-reel, RL)
- Pin length of either 1.5 mm or 3.2 mm

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.

General ordering data

Delivery status Available until	Type	Order No.	Version	GTIN (EAN)	Qty.
Discontinued 2014-05-20T00:00:00+02:00	SC-SMT 3.81/07/180G 1.5SN BK BX	1863880000	PCB plug-in connector, male header, closed side, THT/THR solder connection, 3.81 mm, No. of poles: 7, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248428953	50 pc(s).
SC-SMT 3.81/07/180G 3.2SN BK BX	PCB plug-in connector, male header, closed side, THT/ THR solder connection, 3.81 mm, No. of poles: 7, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248428168	50 pc(s).	IEC: 320 V / 17.5 A UL: 300 V / 10 A	Box

SC-SMT 3.81/90G Tape



High-temperature-resistant pin header (SC-SMT 90G) in 3.81-mm pitch (0.15 inch)

- Plugging direction parallel to PCB (recumbent)
- Closed (G)
- Packed either in box (BX) or on anti-static roll (tape-on-reel, RL)
- Pin length of either 1.5 mm or 3.2 mm

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.

General ordering data

Delivery status Available until	Type	Order No.	Version	GTIN (EAN)	Qty.
Discontinued 2014-05-20T00:00:00+02:00	SC-SMT 3.81/07/90G 3.2SN BK RL	1862890000	PCB plug-in connector, male	4032248428021	400 pc(s).

OMNIMATE Signal - series BC/SC 3.81

BCZ 3.81/07/180F SN BK BX

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Mating connector (conditionally pluggable)

header, closed
 side, THT/THR
 solder connection,
 3.81 mm, No.
 of poles: 7, 90°,
 Solder pin length
 (l): 3.2 mm,
 tinned, Black,
 Tape

SC 3.81/90G



The SC pin header has a parallel (recumbent) plugging direction in relation to the PCB. It is available in closed (G) and screw flange (F) versions. Weidmüller's 3.81-mm-pitch (0.15 inch) plug-in connectors are compatible with the layouts of standard connectors. They support a flood-light display and offer space for labelling and coding.

General ordering data

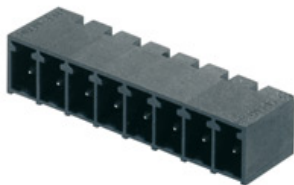
Delivery status	Available until	Type	Order No.	Version	GTIN (EAN)	Qty.
Discontinued	2016-09-01T00:00:00+02:00	SC 3.81/07/90G 3.2SN GN BX	1942260000	PCB plug-in connector, male header, closed side, THT solder connection, 3.81 mm, No. of poles: 7, 90°, Solder pin length (l): 3.2 mm, tinned, Pale green, Box	4032248655335	50 pc(s).
SC	1942120000	PCB plug-in connector, male header, closed side, THT solder connection, 3.81 mm, No. of poles: 7, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4032248655472	50 pc(s).	IEC: 320 V / 17.5 A UL: 300 V / 10 A	Box
3.81/07/90G						
3.2SN OR BX						
SC	1942350000	PCB plug-in connector, male header, closed side, THT solder connection, 3.81 mm, No. of poles: 7, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248655243	50 pc(s).	IEC: 320 V / 17.5 A UL: 300 V / 10 A	Box
3.81/07/90G						
3.2SN BK BX						

OMNIMATE Signal - series BC/SC 3.81 BCZ 3.81/07/180F SN BK BX

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Mating connector (conditionally pluggable)

SC-SMT 3.81/90G Box



High-temperature-resistant pin header (SC-SMT 90G) in 3.81-mm pitch (0.15 inch)

- Plugging direction parallel to PCB (recumbent)
- Closed (G)
- Packed either in box (BX) or on anti-static roll (tape-on-reel, RL)
- Pin length of either 1.5 mm or 3.2 mm

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.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SC-SMT	1862520000	PCB plug-in connector, male	4032248427666	50 pc(s).	IEC: 320 V / 17.5 A	Box
3.81/07/90G		header, closed side, THT/			UL: 300 V / 10 A	
3.2SN BK BX		THR solder connection,				
		3.81 mm, No. of poles: 7,				
		90°, Solder pin length (l):				
		3.2 mm, tinned, Black, Box				
SC-SMT	1863040000	PCB plug-in connector, male	4032248428236	50 pc(s).	IEC: 320 V / 17.5 A	Box
3.81/07/90G		header, closed side, THT/			UL: 300 V / 10 A	
1.5SN BK BX		THR solder connection,				
		3.81 mm, No. of poles: 7,				
		90°, Solder pin length (l):				
		1.5 mm, tinned, Black, Box				

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Accessories

Cover hoods



Effective protection, optimised ergonomics and closed design:

From the strain relief on the connected conductors and the visual/contact protection and the disconnection aid: the optional retrofit hoods perform mechanical, visual and haptic functions.

The two half shells clip together securely, enclose the plug completely and offer the following functions:

- Cable ties or integrated cable clips provide strain relief.
- Marked with dekafix labels or adhesive strips
- Mounting side by side without losing poles or displacing the pitch
- Compatible: suitable for plugs with or without a flange or mounting bracket
- Flexible: 1-3 cable outlets leading in different directions available depending on the size

Weidmüller hoods offer added stability, better identification, complete compatibility and versatility. The result: maximum reliability and user-friendliness in any application.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
BCZ 3.81	1005320000	PCB plug-in connector,	4032248752546	10 pc(s).	UL:	Box
AH07 BK BX		Accessories, Cover hood, Black, No. of poles: 7				