



#### Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

## **Product image**























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**

Version	PCB plug-in connector, female plug, 3.81 mm, Number of poles: 10, 180°, Clamping yoke con- nection, Clamping range, max. : 1.5 mm², Box
Order No.	<u>1793100000</u>
Туре	BCZ 3.81/10/180F SN GN BX
GTIN (EAN)	4032248227181
Qty.	50 items
Product data	IEC: 320 V / 17.5 A / 0.2 - 1.5 mm <sup>2</sup> UL: 300 V / 10 A / AWG 28 - AWG 16
Packaging	Вох



Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

# **Technical data**

## **Approvals**

Approvals



ROHS	Conform
UL File Number Search	<u>UL Website</u>
Certificate No. (cURus)	E60693

## **Dimensions and weights**

Depth	16.1 mm	Depth (inches)	0.6339 inch
Height	11.1 mm	Height (inches)	0.437 inch
Width	48.52 mm	Width (inches)	1.9102 inch
Net weight	9.04 g		

#### **Environmental Product Compliance**

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	ea9dd4b8-c51f-409c-885a-41700372be61

## **System Parameters**

· · · · · · · · · · · · · · · · · · ·				
Product family	OMNIMATE Signal - series BC/SC 3.87	1		
Type of connection	Field connection			
Wire connection method	Clamping yoke connection			
Pitch in mm (P)	3.81 mm			
Pitch in inches (P)	0.150 "			
Conductor outlet direction	180°			
Number of poles	10			
L1 in mm	34.29 mm			
L1 in inches	1.350 "			
Number of rows	1			
Pin series quantity	1			
Rated cross-section	1 mm²			
Touch-safe protection acc. to DIN VDE 57 106	Safe from finger touch			
Touch-safe protection acc. to DIN VDE 0470	IP20 plugged/ IP10 unplugged			
Protection degree	IP20			
Volume resistance	≤5 mΩ			
Can be coded	Yes			
Stripping length	7 mm			
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			
Tightening torque	Torque type	Wire connection		
	Usage information	Tightening torque	min.	0.2 Nm
			max.	0.25 Nm
	Torque type	Screw flange		
	Usage information	Tightening torque	min.	0.15 Nm

Creation date 12.11.2025 05:52:05 MEZ





#### Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

# **Technical data**

				max.	0.2 Nm
Material data					
Insulating material	PA 66 GF 30	Colour		green	
Colour chart (similar)		Insulating mate	erial group	II	
Comparative Tracking Index (CTI)		Moisture Level	<u> </u>		
JL 94 flammability rating		Contact materia	<u>'</u>	Cu-alloy	
Contact surface	tinned	Layer structure	of plug contact	0.51.5 μm ( Sn	Cu / 25 µr
Storage temperature, min.	-40 °C	Storage temper	rature, max.	70 °C	
Operating temperature, min.	-50 °C	Operating temp	perature, max.	120 °C	
Temperature range, installation, min.	-25 ℃	Temperature ra	nge, installation, max.	120 °C	
Conductors suitable for conn	ection				
Clamping range, min.	0.08 mm <sup>2</sup>				
Clamping range, max.	1.5 mm <sup>2</sup>				
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 <sup>2</sup>				
Solid, max. H05(07) V-U	1.5 mm²				
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. plastic collar ferrule, DIN 46228 pt min.	4, 0.2 mm <sup>2</sup>				
w. plastic collar ferrule, DIN 46228 pt max.	4, 1.5 mm²				
w. wire end ferrule, DIN 46228 pt 1, min.	0.2 mm <sup>2</sup>				
w. wire end ferrule, DIN 46228 pt 1, max.	1.5 mm <sup>2</sup>				
Plug gauge in accordance with EN 60999 a x b; ø	2.4 mm x 1.5 mm				
Clampable conductor	Cross-section for conductor c	onnection	Туре	fine-wired	
			nominal	0.5 mm <sup>2</sup>	
	wire end ferrule		Stripping length	nominal	6 mm
			Recommended wire end ferrule	- <u>H0,5/6</u>	
	Cross-section for conductor of	onnection	Туре	fine-wired	
			nominal	0.75 mm <sup>2</sup>	
	wire end ferrule		Stripping length	nominal	6 mm
			Recommended wire end ferrule		
	Cross-section for conductor of	onnection	Туре	fine-wired	
			nominal	1 mm <sup>2</sup>	
	wire end ferrule		Stripping length  Recommended wire end ferrule	nominal - <u>H1,0/6</u>	6 mm
	Cross-section for conductor c	onnection		fine-wired	
	Cross-section for conductor c	onnection	Type nominal	1.5 mm <sup>2</sup>	
	wire end ferrule		Stripping length	nominal	7 mm
	WITO CITA ICITALIC		Recommended wire end ferrule		7 111111
Reference text	The outside dismeter of the pl	actic collar cha	uld not be larger than the	nitch (P) Lenc	th of forrul

Creation date 12.11.2025 05:52:05 MEZ





#### Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

# **Technical data**

Rated data acc. to IEC			
tested acc. to standard	IEC 60664-1, IEC 61984	Rated current, min. number of poles (Tu=20°C)	17.5 A
Rated current, max. number of poles (Tu=20°C)	17.5 A	Rated current, min. number of poles (Tu=40°C)	17 A
Rated current, max. number 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)	CSA	Certificate No. (CSA)	200039-1121690
Rated voltage (Use group B / CSA)	300 V	Rated voltage (Use group C / CSA)	50 V
Rated current (Use group B / CSA)	8 A	Rated current (Use group C / CSA)	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)	CURUS	Certificate No. (cURus)	E60693
Rated voltage (Use group B / UL 1059)	300 V	Rated voltage (Use group D / UL 1059)	300 V
Rated current (Use group B / UL 1059)	10 A	Rated current (Use group D / UL 1059)	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.		

## **Packing**

Packaging	Вох	VPE length	119.00 mm
VPE width	102.00 mm	VPE height	65.00 mm

### Type tests

Test: Durability of markings	Standard	DIN EN 61984 section 7.3.2 / 09.02 taking pattern from DIN EN 60068-2-70 / 07.96
	Test	mark of origin, type identification, rated voltage, rated cross-section, pitch, type of material, approval marking UL, approval marking CSA
	Evaluation	available
	Test	durability
	Evaluation	passed
Test: Misengagement (Non-interchangeability)	Standard	DIN EN 61984 section 6.3 and 6.9.1 / 09.02, DIN EN 60512-13-5 / 11.06
	Test	180° turned without coding elements
	Evaluation	passed
	Test	visual examination
	Evaluation	passed
Test: Clampable cross section	Standard	DIN EN 60999-1 section 7 and 9.1 / 12.00, DIN EN 60947-1 section 8.2.4.5.1 / 12.02

Creation date 12.11.2025 05:52:05 MEZ



## Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

# **Technical data**

	Conductor type	Type of conductor solid 0.08 mm <sup>2</sup> and conductor cross-section
		Type of conductor stranded 0.08 mm <sup>2</sup> and conductor cross-section
		Type of conductor solid 1.5 mm <sup>2</sup> and conductor cross-section
		Type of conductor stranded 1.5 mm <sup>2</sup> and conductor cross-section
		Type of conductor AWG 28/1 and conductor cross-section
		Type of conductor AWG 28/19 and conductor cross-section
		Type of conductor AWG 16/1 and conductor cross-section
		Type of conductor AWG 16/19 and conductor cross-section
	Evaluation	passed
st for damage to and accidental	Standard	DIN EN 60999-1 section 9.4 / 12.00
loosening of conductors	Requirement	0.2 kg
	Conductor type	Type of conductor stranded 0.25 mm <sup>2</sup> and conductor cross-section
		Type of conductor AWG 28/1 and conductor cross-section
		Type of conductor AWG 28/19 and conductor cross-section
	Evaluation	passed
	Requirement	0.3 kg
	Conductor type	Type of conductor solid 0.5 mm <sup>2</sup> and conductor cross-section
	Evaluation	passed
	Requirement	0.4 kg
	Conductor type	Type of conductor solid 1.5 mm <sup>2</sup> and conductor cross-section
		Type of conductor stranded 1.5 mm <sup>2</sup> and conductor cross-section
		Type of conductor AWG 16/1 and conductor cross-section
		Type of conductor AWG 16/19 and conductor cross-section
	Evaluation	passed
II-out test	Standard	DIN EN 60999-1 section 9.5 / 12.00
	Requirement	≥10 N
	Conductor type	Type of conductor stranded 0.25 mm <sup>2</sup> and conductor cross-section
		Type of conductor AWG 28/1 and conductor cross-section

Creation date 12.11.2025 05:52:05 MEZ





#### Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

## **Technical data**

	Type of conductor and conductor cross-section	AWG 28/19
Evaluation	passed	
Requirement	≥20 N	
Conductor type	Type of conductor and conductor cross-section	H05V-U0.5
Evaluation	passed	
Requirement	≥40 N	
Conductor type	Type of conductor and conductor cross-section	H07V-U1.5
	Type of conductor and conductor cross-section	H07V-K1.5
	Type of conductor and conductor cross-section	AWG 16/1
	Type of conductor and conductor cross-section	AWG 16/19
Evaluation	passed	

#### Important note

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.

Notes

- Additional variants 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.
- In accordance with IEC 61984, OMNIMATE-connectors are connectors without breaking capacity (COC). During designated use, connectors are not allowed to be engaged or disengaged when live or under load
- $\bullet$  Long term storage of the product with average temperature of 50 °C and maximum humidity 70%, 36 months

#### Classifications

ETIM 6.0	EC002638	ETIM 7.0	EC002638
ETIM 8.0	EC002638	ETIM 9.0	EC002638
ETIM 10.0	EC002638	ECLASS 9.0	27-44-03-09
ECLASS 9.1	27-44-03-09	ECLASS 10.0	27-44-03-09
ECLASS 11.0	27-46-02-02	ECLASS 12.0	27-46-02-02
ECLASS 13.0	27-46-02-02	ECLASS 14.0	27-46-02-02
ECLASS 15.0	27-46-02-02		



Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

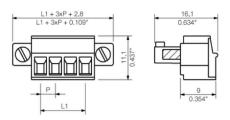
www.weidmueller.com

# **Drawings**

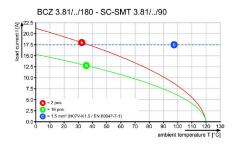
### **Product image**

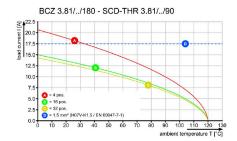




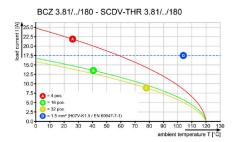


Graph Graph





## Graph





Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

## **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	BCZ 3.81 AH10 BK BX	Version
Туре	BCZ 3.81 AH 10 BK BA	Version
Order No.	1005350000	PCB plug-in connector, Accessories, Hood, black, Number of poles: 10
GTIN (EAN)	4032248752577	
Qty.	10 ST	

Creation date 12.11.2025 05:52:05 MEZ



#### Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

## Counterpart

#### 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

 Type
 SC 3.81/10/90G 3.2SN 0R...
 Version

 Order No.
 1942150000
 PCB plug-in connector, male header, closed side, THT solder

 GTIN (EAN)
 4032248655441
 connection, 3.81 mm, Number of poles: 10, 90°, Solder pin length (I):

 Oty.
 42 ST
 3.2 mm, tinned, orange, Box

#### **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-onreel, 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
 SC-SMT 3.81/10/180G 3.2...
 Version

 Order No.
 1863290000
 PCB plug-in connector, male header, closed side, THT/THR solder

 GTIN (EAN)
 4032248427482
 connection, 3.81 mm, Number of poles: 10, 180°, Solder pin length

 Qty.
 50 ST
 (I): 3.2 mm, tinned, black, 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-onreel, 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

Туре	SC-SMT 3.81/10/180G 1.5	Version
Order No.	1864350000	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248429677	connection, 3.81 mm, Number of poles: 10, 180°, Solder pin length
Qty.	300 ST	(I): 1.5 mm, tinned, black, Tape

Creation date 12.11.2025 05:52:05 MEZ



Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

## Counterpart

#### **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-onreel, 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**

Туре	SC-SMT 3.81/10/90G 1.5S	Version
Order No.	<u>1863070000</u>	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248428267	connection, 3.81 mm, Number of poles: 10, 90°, Solder pin length (I):
Qty.	50 ST	1.5 mm, tinned, black, Box
Туре	SC-SMT 3.81/10/90G 3.2S	Version
· · ·	00 0111 0.01/ 10/000 0.20	version
Order No.	<u>1862550000</u>	PCB plug-in connector, male header, closed side, THT/THR solder
	, ,	

### **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-onreel, 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**

Туре	SC-SMT 3.81/10/90G 3.2S	Version
Order No.	<u>1862930000</u>	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248428052	connection, 3.81 mm, Number of poles: 10, 90°, Solder pin length (I):
Qty.	400 ST	3.2 mm, tinned, black, Tape
Туре	SC-SMT 3.81/10/90G 1.5S	Version
Order No.	1863220000	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248428410	connection, 3.81 mm, Number of poles: 10, 90°, Solder pin length (I):

Creation date 12.11.2025 05:52:05 MEZ



#### Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

## Counterpart

#### 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-onreel, 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**

Туре	SC-SMT 3.81/10/180G 1.5	Version	
Order No.	<u>1863920000</u>	PCB plug-in connector, male header, closed side, THT/THR solder	
GTIN (EAN)	4032248428991	connection, 3.81 mm, Number of poles: 10, 180°, Solder pin length	
Qty.	50 ST	(I): 1.5 mm, tinned, black, Box	
- '	-		

#### 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**

Туре	SC 3.81/10/90G 3.2SN BK	Version
Order No.	<u>1793190000</u>	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4032248227686	connection, 3.81 mm, Number of poles: 10, 90°, Solder pin length (I):
Qty.	42 ST	3.2 mm, tinned, black, Box

#### 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**

Creation date 12.11.2025 05:52:05 MEZ

Туре	SC 3.81/10/180G 3.2SN G	Version
Order No.	<u>1793670000</u>	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4032248230792	connection, 3.81 mm, Number of poles: 10, 180°, Solder pin length
Qty.	42 ST	(I): 3.2 mm, tinned, Pale green, Box



#### Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

## Counterpart

#### 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**

Туре	SC 3.81/10/90G 3.2SN GN	Version
Order No.	<u>1793300000</u>	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4032248227778	connection, 3.81 mm, Number of poles: 10, 90°, Solder pin length (I):
Qty.	42 ST	3.2 mm, tinned, Pale green, Box

#### 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**

Туре	SC 3.81/10/180G 3.2SN B	Version
Order No.	<u>1793580000</u>	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4032248230501	connection, 3.81 mm, Number of poles: 10, 180°, Solder pin length
Qty.	42 ST	(I): 3.2 mm, tinned, black, Box
Туре	SC 3.81/10/180G 3.2SN O	Version
Type Order No.	SC 3.81/10/180G 3.2SN O 1942920000	Version PCB plug-in connector, male header, closed side, THT solder
	, ,	

#### 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.

Creation date 12.11.2025 05:52:05 MEZ



Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

## Counterpart

#### **General ordering data**

Туре	SC 3.81/10/90F 3.2SN OR	Version
Order No.	<u>1942530000</u>	PCB plug-in connector, male header, Flange, THT solder connection,
GTIN (EAN)	4032248655069	3.81 mm, Number of poles: 10, 90°, Solder pin length (I): 3.2 mm,
Qty.	36 ST	tinned, orange, Box

### **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-onreel, 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**

Туре	SC-SMT 3.81/10/180LF 1	Version
Order No.	<u>1864150000</u>	PCB plug-in connector, male header, Solder flange, THT/THR solder
GTIN (EAN)	4032248429455	connection, 3.81 mm, Number of poles: 10, 180°, Solder pin length
Qty.	50 ST	(I): 1.5 mm, tinned, black, Box
Туре	SC-SMT 3.81/10/180LF 3	Version
Order No.	<u>1863380000</u>	PCB plug-in connector, male header, Solder flange, THT/THR solder
GTIN (EAN)	4032248428618	connection, 3.81 mm, Number of poles: 10, 180°, Solder pin length
Qty.	50 ST	(I): 3.2 mm, tinned, black, Box

#### **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-onreel, 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**

Туре	SC-SMT 3.81/10/90LF 3.2	Version
Order No.	1863790000	PCB plug-in connector, male header, Solder flange, THT/THR solder
GTIN (EAN)	4032248429035	connection, 3.81 mm, Number of poles: 10, 90°, Solder pin length (I):
Qty.	50 ST	3.2 mm, tinned, black, Box
Туре	SC-SMT 3.81/10/90LF 1.5	Version
Type Order No.	SC-SMT 3.81/10/90LF 1.5 1862650000	Version PCB plug-in connector, male header, Solder flange, THT/THR solder

Creation date 12.11.2025 05:52:05 MEZ



#### Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

## Counterpart

#### 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
 SC 3.81/10/180F 3.2SN B...
 Version

 Order No.
 1793760000
 PCB plug-in connector, male header, Flange, THT solder connection,

 GTIN (EAN)
 4032248230884
 3.81 mm, Number of poles: 10, 180°, Solder pin length (I): 3.2 mm,

 Oty.
 36 ST
 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**

Туре	SC 3.81/10/90F 3.2SN GN	Version
Order No.	<u>1793480000</u>	PCB plug-in connector, male header, Flange, THT solder connection,
GTIN (EAN)	4032248228751	3.81 mm, Number of poles: 10, 90°, Solder pin length (I): 3.2 mm,
Qty.	36 ST	tinned, Pale green, 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**

Creation date 12.11.2025 05:52:05 MEZ

Туре	SC 3.81/10/180F 3.2SN G	Version
Order No.	<u>1793850000</u>	PCB plug-in connector, male header, Flange, THT solder connection,
GTIN (EAN)	4032248230976	3.81 mm, Number of poles: 10, 180°, Solder pin length (I): 3.2 mm,
Qty.	36 ST	tinned, Pale green, Box



#### Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

## Counterpart

#### 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
 SC 3.81/10/90F 3.2SN BK...
 Version

 Order No.
 1793390000
 PCB plug-in connector, male header, Flange, THT solder connection,

 GTIN (EAN)
 4032248228461
 3.81 mm, Number of poles: 10, 90°, Solder pin length (I): 3.2 mm,

 Qty.
 36 ST
 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**

Туре	SC 3.81/10/180F 3.2SN O	Version
Order	No. <u>1943260000</u>	PCB plug-in connector, male header, Flange, THT solder connection,
GTIN (	(EAN) 4032248654338	3.81 mm, Number of poles: 10, 180°, Solder pin length (I): 3.2 mm,
Qty.	36 ST	tinned, orange, Box