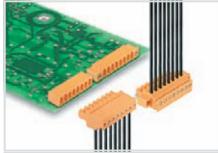
# SC 3.81/../90



Male header with plugging direction in parallel to the circuit board.

• Available in closed (G) version and with screw flange (F)

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.

## **Product data**

IEC: 320 V / 17.5 A UL: 300 V / 10 A

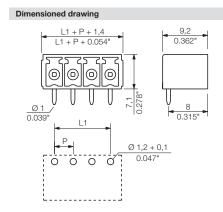
For additional articles and information, refer to catalog.weidmueller.com

#### Note:

- Additional colours on request
- Gold-plated contact surfaces on request
- Rated current related to rated cross-section and 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 drg. = pitch

## SC 3.81/../90G





#### **Technical data**

In compliance with IEC 60664	-1 / IEC (	31984		
Clamping range, max.	mm <sup>2</sup>			
Solid core H05(07) V-U	mm²			
Stranded H07 V-R				
Flexible H05(07) V-K	mm²			
Flexible with ferrule	mm²			
Ferrule with plastic collar	mm²			
Stripping length	mm			
Screwdriver blade	mm			
According to norm				
Tightening torque range	Nm			
Rated current, max.	Α	17.5		17.5
At ambient temperature		20°C		40°C
For conductor cross-section	mm <sup>2</sup>			
Overvoltage category		Ш	Ш	Ш
Pollution severity		3	2	2
Rated voltage	V	160	160	320
Rated impulse voltage	kV	2.5	2.5	2.5
UL / CUL (Use Group)		В	С	D
Rated voltage	V	300		300
Rated current	Α	10		10
				10
AWG conductor	AWG		-	10
AWG conductor CSA (Use Group)	AWG	В	- C	D
7117 th Contamotor	AWG V	<b>B</b> 300	- C	
CSA (Use Group)			- C	D
CSA (Use Group) Rated voltage	٧	300	- C	<b>D</b> 300
CSA (Use Group) Rated voltage Rated current	V	300	- C	<b>D</b> 300
CSA (Use Group) Rated voltage Rated current AWG conductor	V	300	- C	<b>D</b> 300
CSA (Use Group) Rated voltage Rated current AWG conductor General data	V	300	-	<b>D</b> 300
CSA (Use Group) Rated voltage Rated current AWG conductor General data Type of insulation material	V	300	- PA GF	<b>D</b> 300 10
CSA (Use Group) Rated voltage Rated current AWG conductor General data Type of insulation material Flammability class UL 94	V	300 10	- PA GF V-0	<b>D</b> 300 10
CSA (Use Group) Rated voltage Rated current AWG conductor General data Type of insulation material Flammability class UL 94 Contact base material	V	300 10	- PA GF V-0 pper a	<b>D</b> 300 10
CSA (Use Group) Rated voltage Rated current AWG conductor General data Type of insulation material Flammability class UL 94 Contact base material Material of contact surface	V A AWG	300 10	- PA GF V-0 pper a	<b>D</b> 300 10

## Accessories

Note: Refer to the Accessories chapter for additional accessories.					
Coding		Order No.			
	SC-SMT 3.81 KO GR	1968900000			
100					

# Ordering data

Solde	er pin len	gth		3.2 mm	3.2 mm
Colou	ır			orange	black
Pitc	h 3	.81 m			
Pol.	L1	(inch)	Qty.	Order No.	Order No.
2	3.81	0.150	50	1942020000	1793130000
3	7.62	0.300	50	1942040000	1793140000
4	11.43	0.450	50	1942070000	1793150000
5	15.24	0.600	50	1942090000	1793160000
6	19.05	0.750	50	1942100000	1793170000
7	22.86	0.900	50	1942120000	1942350000
8	26.67	1.050	50	1942130000	1793180000
9	30.48	1.200	50	1942140000	1942360000
10	34.29	1.350	50	1942150000	1793190000
11	38.10	1.500	50	1942160000	1942370000
12	41.91	1.650	50	1942170000	1793200000
13	45.72	1.800	50	1942180000	1942380000
14	49.53	1.950	50	1942190000	1942390000
15	53.34	2.100	50	1942200000	1942400000
16	57.15	2.250	50	1942210000	1793210000
17	60.96	2.400	50	1942220000	1942410000
18	64.77	2.550	50	1942230000	1942420000
19	68.58	2.700	50	1942240000	1942430000
20	72.39	2.850	50	1942250000	1942440000

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