

# Flush-type connector - SACC-CI-M12FSS-4CON-L180 THR P - 1406409


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Flush-type connector, Universal, 4-position, SocketLink:straight, S power, PCB mounting, THR solder connection



## Key commercial data

Packing unit	20 pc
Minimum order quantity	20 pc
GTIN	 4 046356 804349
Weight per Piece (excluding packing)	4.47 g
Custom tariff number	85366990
Country of origin	Germany
Product key	ABQEAD

## Technical data

### Ambient conditions

Ambient temperature (operation)	-25 °C ... 105 °C
	-40 °C ... 105 °C (without mechanical actuation)
Degree of protection	IP67

### General

Note	The electrical and mechanical data specified assume that the connector pair is correctly locked and mounted. If the connector is unlocked and if there is a danger of contamination, the connector must be sealed using a protective cap > IP54. Influences arising from litz wires, cables or PCB assembly must also be taken into consideration.
Rated current at 40°C	12 A
Rated voltage	630 V
Number of positions	4
Contact resistance	≤ 3 mΩ
Insulation resistance	≥ 100 MΩ
Coding	S power
Standards/regulations	M12 connector

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## Technical data

### General

Signal type/category	Universal
Surge voltage category	III
Pollution degree	3
Connection method	THR solder connection
Insertion/withdrawal cycles	> 100
Mounting type	PCB mounting

### Material

Inflammability class according to UL 94	V0
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA4T

## Classifications

### eCl@ss

eCl@ss 4.0	27140815
eCl@ss 4.1	27140815
eCl@ss 5.0	27143423
eCl@ss 5.1	27143423
eCl@ss 6.0	27143423
eCl@ss 7.0	27449001
eCl@ss 8.0	27440103

### ETIM

ETIM 3.0	EC002061
ETIM 4.0	EC002062
ETIM 5.0	EC002061

### UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	31251501

## Approvals

### Approvals

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### Approvals

UL Recognized / cUL Recognized / cULus Recognized

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## Approvals

Ex Approvals

Approvals submitted

## Approval details

UL Recognized	
mm <sup>2</sup> /AWG/kcmil	26-20
Nominal current I <sub>N</sub>	4 A
Nominal voltage U <sub>N</sub>	250 V

cUL Recognized	
mm <sup>2</sup> /AWG/kcmil	26-20
Nominal current I <sub>N</sub>	4 A
Nominal voltage U <sub>N</sub>	250 V

cULus Recognized	
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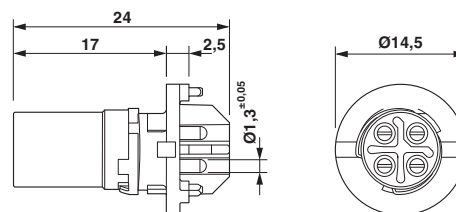
## Drawings

Schematic diagram



Connector pin assignment of M12 socket, 4-pos., S-coded, view of socket side

Dimensioned drawing



M12 flush-type connector

