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# Flush-type socket - SACC-DSI-FSX-8CON-M16-L180 SCO - 1424177

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CAT6<sub>A</sub> flush-type socket, Ethernet, one-piece, 8-pos., M12 SPEEDCON, rear/screw mounting with M16 fastening thread, with straight solder connection

M12 panel feed-through, rear mounting



## Key Commercial Data

|              |                 |
|--------------|-----------------|
| Packing unit | 20 STK          |
| GTIN         | 4 046356 692656 |

## Technical data

### Ambient conditions

|                      |                        |
|----------------------|------------------------|
| Degree of protection | IP67 (When plugged in) |
|----------------------|------------------------|

### General data

|                       |  |
|-----------------------|--|
| 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 | 0.5 A (Data)   |
| Rated voltage         | 50 V AC<br>60 V DC   |
| Number of positions   | 8  |
| Signal type/category  | Ethernet CAT6 <sub>A</sub>   |
| Overvoltage category  | III  |
| Degree of pollution   | 3  |

## Standards and Regulations

|  |    |
|--|----|
| Flammability rating according to UL 94 | V0 |
|--|----|

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## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27260701 |
| eCl@ss 5.0 | 27260701 |
| eCl@ss 5.1 | 27260701 |
| eCl@ss 6.0 | 27180802 |
| eCl@ss 7.0 | 27182702 |
| eCl@ss 8.0 | 27440103 |

### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC001031 |
| ETIM 4.0 | EC002062 |
| ETIM 5.0 | EC002061 |

### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 31261501 |
| UNSPSC 7.0901 | 31261501 |
| UNSPSC 11     | 31261501 |
| UNSPSC 12.01  | 31261501 |
| UNSPSC 13.2   | 31261501 |

## Approvals

### Approvals

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#### Approvals

EAC / UL Recognized / cUL Recognized / cULus Recognized

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#### Ex Approvals

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#### Approvals submitted

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#### Approval details

|     |
|-----|
| EAC |
|-----|

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## Approvals

|                                |       |
|--------------------------------|-------|
| UL Recognized                  |       |
| Nominal current I <sub>N</sub> | 0.5 A |
| Nominal voltage U <sub>N</sub> | 60 V  |

|                                |       |
|--------------------------------|-------|
| cUL Recognized                 |       |
| Nominal current I <sub>N</sub> | 0.5 A |
| Nominal voltage U <sub>N</sub> | 60 V  |

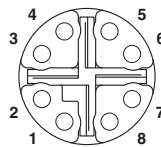
|                  |  |
|------------------|--|
| cULus Recognized |  |
|------------------|--|

## Drawings

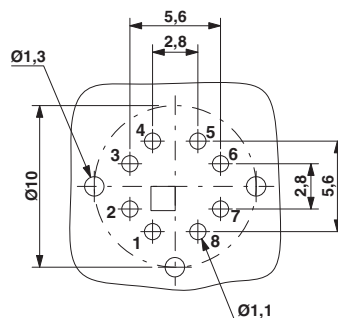
### Dimensional drawing

M12 flush-type connector  
M12 socket pin assignment, 8-pos, view of socket side

### Schematic diagram



### Drilling diagram



### Soldering pad geometry

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PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>



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