

## Cable connector - CA-16P1N8AT007S - 1619379

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Cable connector, angled, shielded: yes, SPEEDCON locking, M23, No. of pos.: 16, type of contact: Pin, Crimp connection, cable diameter range: 6 mm ... 10 mm



The figure shows the 12-pos. product version with solder contacts

### Your advantages

- Angled cable outlet for confined spaces
- Can be adapted to various applications, thanks to adjustable cable outlet direction
- Safe use in the field, thanks to high degree of protection
- Connector for flexible on-site assembly
- Consistent EMC protection for reliable transmission of signals
- Reduced connection time with SPEEDCON fast locking system
- Crimping connection: vibration- and temperature-resistant assembly



### Key Commercial Data

|              |               |
|--------------|---------------|
| Packing unit | 1 pc          |
| GTIN         |               |
| GTIN         | 4046356824682 |

### Technical data

#### Temperature range

|                                 |                   |
|---------------------------------|-------------------|
| Ambient temperature (operation) | -40 °C ... 125 °C |
|---------------------------------|-------------------|

#### Data of the insulating body

|                           |   |
|---------------------------|---|
| Note                      | Order information: Order crimp contacts Ø 1 mm separately |
| Coding                    | N   |
| Insulator material        | PA 6.6  |
| Contact connection method | Crimp connection  |
| Type of contacts          | Pin   |
| Application               | Signal  |

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## Technical data

### Data of the insulating body

|   |                      |
|---|----------------------|
| Number of positions                             | 16                   |
| Contact diameter of signal contacts             | 1 mm                 |
| Litz wire cross section of signal contacts min. | 0.08 mm <sup>2</sup> |
| Litz wire cross section of signal contacts max. | 1 mm <sup>2</sup>    |
| Nominal current per signal contact at 25°C      | 8 A                  |
| Nominal voltage, signal contact                 | 150 V                |
| Rated surge voltage                             | 1.5 kV               |
| Overvoltage category                            | II                   |
| Degree of pollution                             | 3                    |

### Housing data

|  |                  |
|--|------------------|
| Housing material                       | Metal            |
| Type of locking                        | SPEEDCON locking |
| Degree of protection (when plugged in) | IP67             |
| Thread type                            | M23              |

### Cable seal data

|                  |                |
|------------------|----------------|
| Cable diameter   | 6 mm ... 10 mm |
| Sealing material | NBR            |

### Environmental Product Compliance

|            |   |
|------------|---|
|            | Lead 7439-92-1  |
| China RoHS | Environmentally Friendly Use Period = 50  |
|            | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

## Approvals

### Approvals

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#### Approvals

UL Recognized / cUL Recognized / cULus Recognized

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#### Ex Approvals

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### Approval details

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## Approvals

|                            |  |  |
|----------------------------|--|--|
| UL Recognized              |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> E335019-20141210 |
| Nominal voltage UN         |  | 150 V  |
| Nominal current IN         |  | 5 A  |
| mm <sup>2</sup> /AWG/kcmil |  | 20   |

|                            |  |  |
|----------------------------|--|--|
| cUL Recognized             |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> E335019-20141210 |
| Nominal voltage UN         |  | 150 V  |
| Nominal current IN         |  | 3 A  |
| mm <sup>2</sup> /AWG/kcmil |  | 20   |

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

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