

## Plug-in connector - CIOC 4-24-1,6-M - 1701032

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Plug component, Nominal current: 3 A, Rated voltage (III/2): 32 V, Number of positions: 4, Pitch: 2 mm, Connection method: Insulation displacement connection QUICKON, Color: Orange, Contact surface: Gold

### Product Features

- ✓ Additional CIOC 3-2...-FL versions available on request
- ✓ Conductor connection using standard pliers
- ✓ Connection of AWG conductors with 7-strand conductor structure and PVC insulation, other conductor types can be used on request
- ✓ Colored, transparent hoods for checking correct contacting of the displacement connection
- ✓ Quick and reliable connection thanks to displacement connection
- ✓ Gold-plated contact system
- ✓ Panel feed-through with CIOC ...-FL
- ✓ For sensor/actuator wiring



### Key commercial data

|                        |                                                                                                         |
|------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit           | 1 PCE                                                                                                   |
| Minimum order quantity | 50 PCE                                                                                                  |
| GTIN                   | <br>4 046356 030304 |
| Custom tariff number   | 85366990                                                                                                |
| Country of origin      | JAPAN                                                                                                   |

### Technical data

#### Dimensions / positions

|                     |      |
|---------------------|------|
| Pitch               | 2 mm |
| Dimension a         | 6 mm |
| Number of positions | 4    |

#### Technical data

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## Technical data

### Technical data

|                                         |                      |
|-----------------------------------------|----------------------|
| Range of articles                       | CIOC-M               |
| Rated voltage (III/2)                   | 32 V                 |
| Connection in acc. with standard        | EN-VDE               |
| Nominal current $I_N$                   | 3 A                  |
| Nominal cross section                   | 0.25 mm <sup>2</sup> |
| Maximum load current                    | 3 A                  |
| Insulating material                     | PBT/PC               |
| Inflammability class according to UL 94 | V0                   |

### Connection data

|                                        |                      |
|----------------------------------------|----------------------|
| Conductor cross section stranded min.  | 0.14 mm <sup>2</sup> |
| Conductor cross section stranded max.  | 0.25 mm <sup>2</sup> |
| Conductor cross section AWG/kcmil min. | 26                   |

## Classifications

### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002638 |
| ETIM 5.0 | EC002638 |

### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 11     | 39121409 |
| UNSPSC 12.01  | 39121409 |
| UNSPSC 13.2   | 39121409 |
| UNSPSC 6.01   | 30211810 |
| UNSPSC 7.0901 | 39121409 |

### 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 | 27260705 |
| eCl@ss 7.0 | 27440309 |

## Approvals

### Approvals

## Plug-in connector - CIOC 4-24-1,6-M - 1701032

### Approvals

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Approvals

UL Recognized / cUL Recognized / GOST / GOST / cULus Recognized

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Ex Approvals

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Approvals submitted

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### Approval details

|                                                                                                 |       |
|-------------------------------------------------------------------------------------------------|-------|
| UL Recognized  |       |
| mm²/AWG/kcmil                                                                                   | 26-20 |
| Nominal current I <sub>N</sub>                                                                  | 3 A   |
| Nominal voltage U <sub>N</sub>                                                                  | 32 V  |

|                                                                                                    |       |
|----------------------------------------------------------------------------------------------------|-------|
| cUL Recognized  |       |
| mm²/AWG/kcmil                                                                                      | 26-20 |
| Nominal current I <sub>N</sub>                                                                     | 3 A   |
| Nominal voltage U <sub>N</sub>                                                                     | 32 V  |

|                                                                                          |  |
|------------------------------------------------------------------------------------------|--|
| GOST  |  |
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| GOST  |  |
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## Plug-in connector - CIOC 4-24-1,6-M - 1701032

### Approvals

cULus Recognized  US

### Drawings

Dimensioned drawing

