

## Connector - CIOC 3-20-1,6-FL - 1701404

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


The illustration shows the 4-pos. version

### Why buy this product

- 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
- Additional CIOC 3-2...-FL versions available 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	50 pc
Minimum order quantity	50 pc
GTIN	 4 046356 530477
Weight per Piece (excluding packing)	2.2 g
Custom tariff number	85366990
Country of origin	Japan
Note	Made to Order (non-returnable)

### Technical data

#### Dimensions

Pitch	2 mm
Dimension a	4 mm

#### General

Range of articles	CIOC-FL
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## Technical data

### General

Rated voltage (III/2)	32 V
Connection in acc. with standard	EN-VDE
Nominal current I <sub>N</sub>	3 A
Nominal cross section	0.5 mm <sup>2</sup>
Maximum load current	3 A
Insulating material	PBT/PC
Inflammability class according to UL 94	V0
Number of positions	3

### Connection data

Conductor cross section stranded min.	0.25 mm <sup>2</sup>
Conductor cross section stranded max.	0.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	22
Conductor cross section AWG/kcmil max	20
Wire diameter incl. insulation	1.6 mm (Terminal block is tested with PVC insulation - other insulation materials available on request)

## 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	27260705
eCl@ss 7.0	27440309
eCl@ss 8.0	27440309

### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002638
ETIM 5.0	EC002638

### UNSPSC

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

## Approvals

### Approvals

# Connector - CIOC 3-20-1,6-FL - 1701404

## Approvals

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approvals submitted

## Approval details

UL Recognized	
mm <sup>2</sup> /AWG/kcmil	26-20
Nominal current I <sub>N</sub>	3 A
Nominal voltage U <sub>N</sub>	32 V

cUL Recognized	
mm <sup>2</sup> /AWG/kcmil	26-20
Nominal current I <sub>N</sub>	3 A
Nominal voltage U <sub>N</sub>	32 V

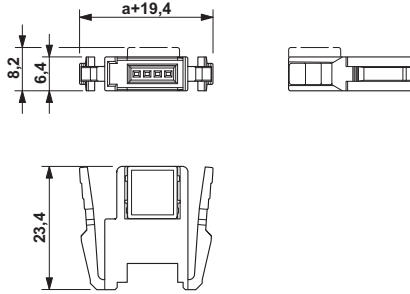
EAC

cULus Recognized	
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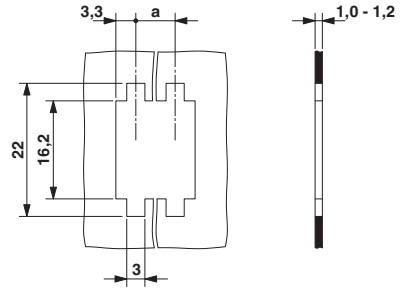
## Drawings

# Connector - CIOC 3-20-1,6-FL - 1701404

Dimensioned drawing

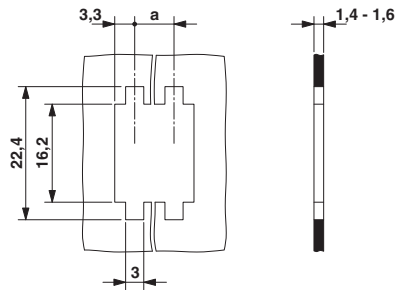


Dimensioned drawing



$a=6.5$

Dimensioned drawing



$a=6.5$