

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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The illustration shows the 4-pos. version

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

#### **Product Features**

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

V



#### Key commercial data

Packing unit	1 pc
Minimum order quantity	2000 pc
Custom tariff number	85366990
Country of origin	Japan

#### Technical data

#### **Dimensions**

Pitch	2 mm
Dimension a	4 mm

#### General

Range of articles	CIOC-M



### 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 mm²
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 flexible min.	0.25 mm <sup>2</sup>
Conductor cross section flexible max.	0.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	20
Wire diameter incl. insulation	1.2 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



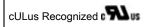
## Classifications

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UNSPSC		
UNSPSC 13.2	39121409	
Approvals		
Approvals		
Approvals		
UL Recognized / cUL Recognized / EAC / cULu	s Recognized	
Ex Approvals		
Approvals submitted		
Approval details		
UL Recognized <b>\$\)</b>		
mm²/AWG/kcmil	26-20	
Nominal current IN	3 A	

cUL Recognized	
mm²/AWG/kcmil	26-20
Nominal current IN	3 A
Nominal voltage UN	32 V

32 V

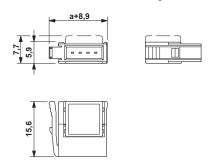


Nominal voltage UN



## Drawings

#### Dimensional drawing



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