



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!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



## Connector - PRC 5-FC-FS6 16-21 - 1410655

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



PRC connector, black, 5-pos., 1.5 mm<sup>2</sup> ... 6 mm<sup>2</sup>/630 V/30 A, with screw connection, for cables with a diameter of 16 mm ... 21 mm.



### Key Commercial Data

Packing unit	1 pc
Minimum order quantity	25 pc
Weight per Piece (excluding packing)	80.0 g
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### General data

Number of positions	5
Protection class	III
Color	black
Locking type	Snap-in locking
Insertion/withdrawal cycles	50
Pull-out-force	150 N ± 50 N
Insertion force	40 N ± 10 N

#### Connection data

Rated current	30 A (with 6 mm <sup>2</sup> conductor cross section)
Rated voltage (III/2)	690 V
Conductor cross section flexible min.	1.5 mm <sup>2</sup>
Conductor cross section flexible max.	6 mm <sup>2</sup>
Conductor cross section solid min.	1.5 mm <sup>2</sup>
Conductor cross section solid max.	6 mm <sup>2</sup>

# Connector - PRC 5-FC-FS6 16-21 - 1410655

## Technical data

### Connection data

Torque	1 Nm
Type of contact	Screw contacts

### Material data

Contact material	Cu
Contact surface material	silver-plated
Contact carrier material	PPE
Material of grip body	PPE
Inflammability class according to UL 94	V0

## Classifications

### eCl@ss

eCl@ss 5.1	27260701
eCl@ss 6.0	27279220
eCl@ss 8.0	27440102

### ETIM

ETIM 4.0	EC002641
ETIM 5.0	EC002635

## Approvals

### Approvals

---

#### Approvals

UL Listed / cUL Listed / cULus Listed

---

#### Ex Approvals

---

#### Approvals submitted

---

### Approval details

# Connector - PRC 5-FC-FS6 16-21 - 1410655

## Approvals

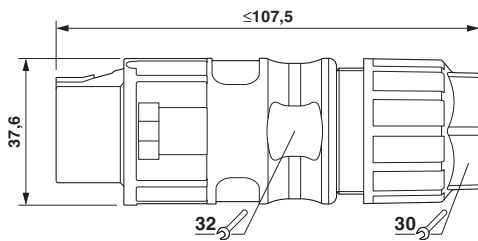
UL Listed	
mm <sup>2</sup> /AWG/kcmil	14-10
Nominal current I <sub>N</sub>	30 A
Nominal voltage U <sub>N</sub>	600 V

cUL Listed	
mm <sup>2</sup> /AWG/kcmil	14-10
Nominal current I <sub>N</sub>	30 A
Nominal voltage U <sub>N</sub>	600 V

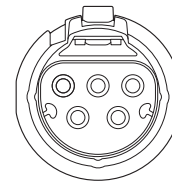
cULus Listed	
--------------	--

## Drawings

Dimensional drawing



Schematic diagram



Connector pin assignment