



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 3-FC-FS6 8-21 - 1410661

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PRC connector, black, 3-pos., 1.5 mm² ... 6 mm²/630 V/35 A, with screw connection, for cables with a diameter of 8 mm ... 21 mm.



Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	100.0 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

General data

Number of positions	3
Protection class	III
Color	black
Locking type	Snap-in locking
Insertion/withdrawal cycles	50
Pull-out-force	175 N ± 25 N
Insertion force	30 N ± 10 N

Connection data

Rated current	35 A (with 6 mm ² conductor cross section)
Rated voltage (III/2)	690 V
Conductor cross section flexible min.	1.5 mm ²
Conductor cross section flexible max.	6 mm ²
Conductor cross section solid min.	1.5 mm ²
Conductor cross section solid max.	6 mm ²
Torque	1 Nm

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Technical data

Connection data

Type of contact	Screw contacts
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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 4.1	27140816
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

EAC / UL Listed / cUL Listed / cULus Listed

Ex Approvals


Approvals submitted


Approval details

EAC

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Approvals

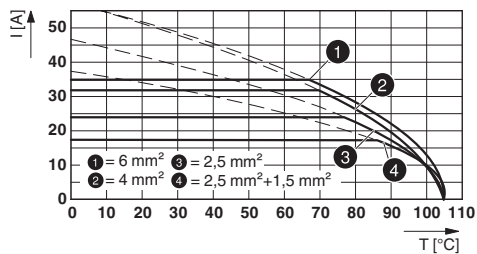
UL Listed 	
mm²/AWG/kcmil	14-10
Nominal current I _N	35 A
Nominal voltage U _N	600 V

cUL Listed 	
mm²/AWG/kcmil	14-10
Nominal current I _N	35 A
Nominal voltage U _N	600 V

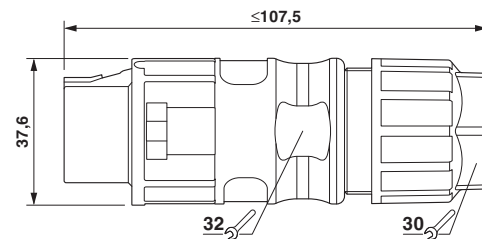
cULus Listed 	
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Drawings

Diagram

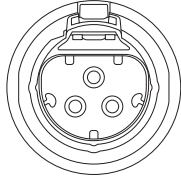


Dimensional drawing



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Schematic diagram



Connector pin assignment

Schematic diagram

