

## Connector - PRC 3-FC-FS6 16-21 - 1410659

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PRC connector, black, 3-pos., 1.5 mm<sup>2</sup> ... 6 mm<sup>2</sup>/630 V/35 A, with screw connection, for cables with a diameter of 16 mm ... 21 mm.



### Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	80.0 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 <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>
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	27260701
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

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#### Approvals

UL Listed / cUL Listed / cULus Listed

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#### Ex Approvals

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#### Approvals submitted

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### Approval details

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## Approvals

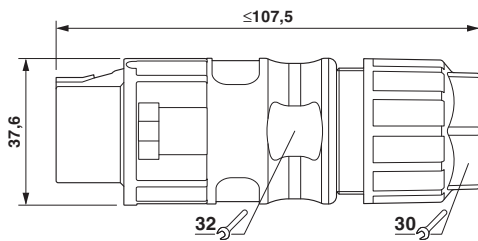
UL Listed	
mm <sup>2</sup> /AWG/kcmil	14-10
Nominal current I <sub>N</sub>	35 A
Nominal voltage U <sub>N</sub>	600 V

cUL Listed	
mm <sup>2</sup> /AWG/kcmil	14-10
Nominal current I <sub>N</sub>	35 A
Nominal voltage U <sub>N</sub>	600 V

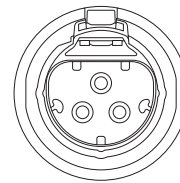
cULus Listed	
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## Drawings

Dimensional drawing



Schematic diagram



Connector pin assignment

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Schematic diagram

