

Connector - PRC 3-FC-FS6 12-16 - 1409217

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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 12 mm ... 16 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 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 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27279220
eCl@ss 7.0	27440103
eCl@ss 8.0	27440102

ETIM

ETIM 4.0	EC002061
ETIM 5.0	EC002061

UNSPSC

UNSPSC 6.01	30211923
UNSPSC 7.0901	39121522
UNSPSC 11	39121522
UNSPSC 12.01	39121522
UNSPSC 13.2	39121522

Approvals

Approvals

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UL Listed / cUL Listed / cULus Listed

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Approvals

Ex Approvals

Approvals submitted

Approval details

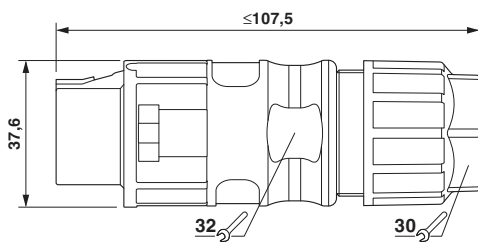
UL Listed	
mm ² /AWG/kcmil	14-10
Nominal current I _N	35 A
Nominal voltage U _N	600 V

cUL Listed	
mm ² /AWG/kcmil	14-10
Nominal current I _N	35 A
Nominal voltage U _N	600 V

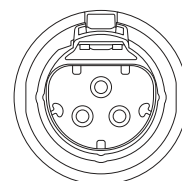
cULus Listed	
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Drawings

Dimensional drawing



Schematic diagram



Connector pin assignment

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Schematic diagram

