

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

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PRC connector, black, 3-pos., 1.5 mm² ... 6 mm²/690 V/35 A, with screw connection for cables with an outside diameter of 12 mm ... 16 mm.

RoHS

Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 867702
GTIN	4046356867702

Technical data

General data

Number of positions	3
Protection class	II
Color	black
Locking type	Snap-in locking
Insertion/withdrawal cycles	100
Pull-out-force	150 N ± 50 N
Insertion force	30 N ± 10 N
Degree of protection (when plugged in)	IP66 / IP68 (2m / 24h) / IP69K

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
Stripping length	12 mm
Torque	1 Nm

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Technical data

Connection data

Type of contact	Socket
Stripping length of the sheath	50 mm

Material data

Contact material	Cu
Contact surface material	silver-plated
Contact carrier material	mPPE
Material of grip body	mPPE
Flammability rating according to UL 94	V0

Standards and Regulations

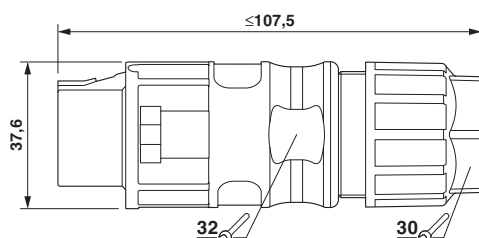
Flammability rating according to UL 94	V0
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Environmental Product Compliance

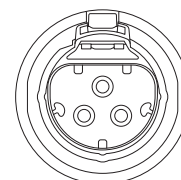
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Dimensional drawing

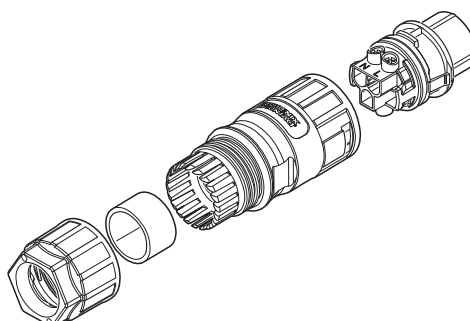


Schematic diagram



Connector pin assignment

Schematic diagram



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Approvals

Approvals

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EAC / UL Listed / cUL Listed / TÜV Rheinland / TÜV Rheinland / TÜV Rheinland / cULus Listed

Ex Approvals

Approval details

EAC		B.01742
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UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E221474-20150513
mm²/AWG/kcmil	14-10	
Nominal current I _N	35 A	
Nominal voltage U _N	600 V	

cUL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E221474-20150513
mm²/AWG/kcmil	14-10	
Nominal current I _N	35 A	
Nominal voltage U _N	600 V	

TÜV Rheinland	http://www.certipedia.com	R 60117908
mm²/AWG/kcmil	6	
Nominal current I _N	21.4 A	
Nominal voltage U _N	500 V	

TÜV Rheinland	http://www.certipedia.com	R 60117904-0002
mm²/AWG/kcmil	6	
Nominal current I _N	35 A	
Nominal voltage U _N	690 V	

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Approvals

TÜV Rheinland	http://www.certipedia.com	R 60117904-0001
mm²/AWG/kcmil	6	
Nominal current I _N	32 A	
Nominal voltage U _N	500 V	

cULus Listed



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PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>