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Connector - PRC 5-FC-FS6 12-16 - 1409205

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PRC connector, black, 5-pos., 1.5 mm² ... 6 mm²/630 V/30 A, with screw connection, for cables with a diameter of 12 mm ... 16 mm.

Key Commercial Data

Packing unit	1 STK
GTIN	4 046356 864497

Technical data

General data

Number of positions	5
Protection class	II
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 mm² conductor cross section)
Rated voltage (III/2)	690 V
Conductor cross section flexible min.	1.5 mm²
Conductor cross section flexible max.	6 mm²
Conductor cross section solid min.	1.5 mm²
Conductor cross section solid max.	6 mm²
Torque	1 Nm
Type of contact	Screw contacts

Material data

Contact material	Cu
Contact surface material	silver-plated
Contact carrier material	mPPE
Material of grip body	mPPE

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Technical data

Material data

Flammability rating according to UL 94	V0

Standards and Regulations

Flammability rating 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

UL Listed

mm²/AWG/kcmil	14-10
Nominal current IN	30 A
Nominal voltage UN	600 V

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Approvals

cUL Listed

mm²/AWG/kcmil	14-10
Nominal current IN	30 A
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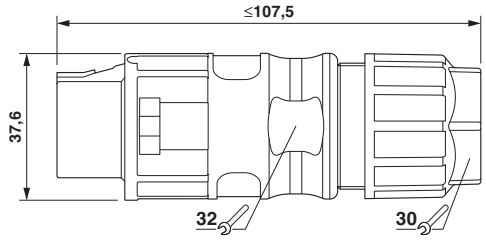
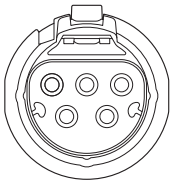
cULus Listed

Drawings

Dimensional drawing



Schematic diagram



Connector pin assignment

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Product	Code	Reference	Product link
PRC connector, black, 5-pos., 1.5 mm² ... 6 mm²/630 V/30 A, with screw connection, for cables with a diameter of 12 mm ... 16 mm.	1409205	PRC 5-FC-FS6 12-16	Buy on EAN