Connector - PRC 5-FC-FS6 8-21 - 1410656

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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 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	5
Protection class	III
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

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Technical data

Connection data

Type of contact	Screw contacts

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 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

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Approvals

UL Listed

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

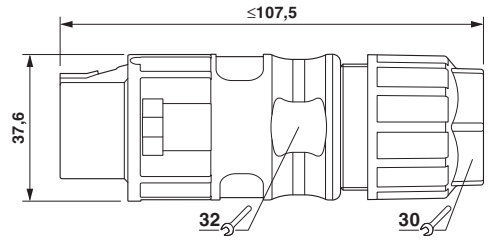
cUL Listed

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

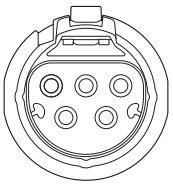
cULus Listed

Drawings

Dimensional drawing



Schematic diagram



Connector pin assignment

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