

Connector - PRC 5-FC-FS6 16-21 - 1410655

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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 16 mm ... 21 mm.



Key Commercial Data

| | |
|--------------------------------------|----------|
| Packing unit | 1 pc |
| Minimum order quantity | 25 pc |
| Weight per Piece (excluding packing) | 80.0 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 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 |

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Technical data

Connection data

| | |
|-----------------|----------------|
| Torque | 1 Nm |
| 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

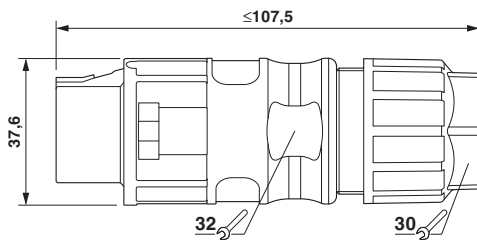
| | |
|--------------------------------|-------|
| UL Listed | |
| mm ² /AWG/kcmil | 14-10 |
| Nominal current I _N | 30 A |
| Nominal voltage U _N | 600 V |

| | |
|--------------------------------|-------|
| cUL Listed | |
| mm ² /AWG/kcmil | 14-10 |
| Nominal current I _N | 30 A |
| Nominal voltage U _N | 600 V |

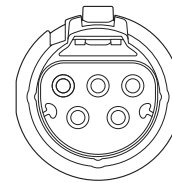
| | |
|--------------|--|
| cULus Listed | |
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Drawings

Dimensional drawing



Schematic diagram



Connector pin assignment