

## Connector - PRC 5-FC-MS6 8-12 - 1014522


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Circular connectors (cable-side), Connector, color: black, number of positions: 5, Min. wire cross section: 1.5 mm<sup>2</sup>, Max. conductor cross section: 6 mm<sup>2</sup>, nom. voltage: 690 V AC, Rated current: 35 A, Connection method: Screw connection, Type of contact: Pin, Min. cable diameter: 8 mm, Max. cable diameter: 12 mm

RoHS

### Key Commercial Data

Packing unit	1 pc
GTIN	 4 055626 494647
GTIN	4055626494647
Weight per Piece (excluding packing)	22.220 g
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### General data

Number of positions	5
Protection class	II
Color	black
Locking type	Snap-in locking
Insertion/withdrawal cycles	100
Degree of protection (when plugged in)	IP66 / IP68 (2m / 24h) / IP69K

#### Connection data

Rated current	35 A (With 6 mm <sup>2</sup> conductor cross section in accordance with IEC 61984)
	32 A (With 6 mm <sup>2</sup> conductor cross section in accordance with IEC 61535)
	30 A (With 6 mm <sup>2</sup> /AWG 10, in accordance with UL 2238)
	35 A (With 6 mm <sup>2</sup> /AWG 10, in accordance with UL 2238)
Nominal voltage ATD	690 V AC (in accordance with IEC 61984)
	500 V AC (in accordance with IEC 61535 / 2 PFG 1915)

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## Technical data

### Connection data

	600 V AC (In accordance with UL 2238)
Rated voltage (III/2)	690 V
Conductor cross section flexible min.	1.5 mm <sup>2</sup>
Conductor cross section flexible max.	6 mm <sup>2</sup>
Conductor cross section solid min.	1.5 mm <sup>2</sup>
Conductor cross section solid max.	6 mm <sup>2</sup>
Stripping length	12 mm
Torque	max. 1 Nm (Contact screw)
Type of contact	Pin
Stripping length of the sheath	50 mm

### Material data

Flammability rating according to UL 94	V0
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### Standards and Regulations

Flammability rating according to UL 94	V0
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## Classifications

### eCl@ss

eCl@ss 8.0	27440102
eCl@ss 9.0	27440103

### ETIM

ETIM 5.0	EC002061
ETIM 6.0	EC002061

## Approvals

### Approvals

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Approvals

UL Listed / cUL Listed / cULus Listed

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Ex Approvals

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### Approval details

# Connector - PRC 5-FC-MS6 8-12 - 1014522

## Approvals

UL Listed		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> E221474-20150513
Nominal voltage UN		600 V
Nominal current IN		30 A
mm <sup>2</sup> /AWG/kcmil		10

cUL Listed		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> E221474-20150513
Nominal voltage UN		600 V
Nominal current IN		22 A
mm <sup>2</sup> /AWG/kcmil		10

cULus Listed	
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## Accessories

### Accessories

Circular connector (cable-side)

Protective cap - PRC COVER F - 1409236



Protective cap for 3 and 5-pos. PRC field plugs

### Screwdriver tools

Screwdriver - SZF 1-0,6X3,5 - 1204517



Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

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### Accessories

Screwdriver - SZF 0-0,4X2,5 - 1204504



Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.4 x 2.5 x 75 mm, 2-component grip, with non-slip grip

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Philips screwdriver - SF-PH 1-80 S-VDE - 1212693



Screwdriver, crosshead PH (lasered), insulated, size: PH 1 x 80, 2-component handle, with non-slip grip

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