

Connector - PRC 3-FC-MS6 8-21 - 1014498

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Circular connectors (cable-side), Range of articles: PRC, Connector, housing material: PPE, color: black, number of positions: 3, min. conductor cross section: 1.5 mm², max. conductor cross section: 6 mm², 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: 21 mm

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4055626494807
Weight per Piece (excluding packing)	92.100 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

General data

Number of positions	3
Protection class	II
Color	black
Locking type	Snap-in locking
Insertion/withdrawal cycles	100
Insertion force	50 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 in accordance with IEC 61984)
	32 A (With 6 mm ² conductor cross section in accordance with IEC 61535)
	35 A (With 6 mm ² /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
Stripping length	12 mm
Torque	max. 1 Nm (Contact screw)
Type of contact	Pin
Stripping length of the sheath	50 mm
Conductor cross section flexible, with ferrule without plastic sleeve min.	1.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	6 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	1.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	6 mm ²
Conductor cross section solid min.	1.5 mm ²
Conductor cross section solid max.	6 mm ²
Conductor cross section flexible min.	4 mm ²
Conductor cross section flexible max.	6 mm ²

Material data

Contact material	Cu alloy
Contact surface material	silver-plated
Contact carrier material	PPE
Flammability rating according to UL 94	V0

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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UL Listed / cUL Listed / cULus Listed

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Approvals

Ex Approvals

Approval details

UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E221474-20150513
Nominal voltage UN		600 V
Nominal current IN		35 A
mm ² /AWG/kcmil		10

cUL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E221474-20150513
Nominal voltage UN		600 V
Nominal current IN		25 A
mm ² /AWG/kcmil		12-10

cULus Listed	
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Accessories

Accessories

Protective cover

Protective cap - PRC COVER M - 1409237



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

Screwdriver tools

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Accessories

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

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

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

Universal tools

Tool - UNIFOX-WRENCH - 1212835



Screw pliers, with fast adjustment, for wrench size 10 mm ... 36 mm, size: 260 mm

Additional products

Coding element - PRC FC-M CODE-BU - 1014455



Circular connectors (cable-side), Range of articles: PRC, Coding element, color: blue

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Accessories

Coding element - PRC FC-M CODE-GY - 1014457



Circular connectors (cable-side), Range of articles: PRC, Coding element, color: gray

Coding element - PRC FC-M CODE-GN - 1014456



Circular connectors (cable-side), Range of articles: PRC, Coding element, color: green

Coding element - PRC FC-M CODE-BK - 1014496



Circular connectors (cable-side), Range of articles: PRC, Coding element, color: black
