


Connector - PRC 5-FC-MS6 8-21 - 1014530

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Circular connectors (cable-side), Connector, color: black, number of positions: 5, 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

Key Commercial Data

Packing unit	1 pc
GTIN	 4 0 5 5 6 2 6 4 9 4 5 2 4
GTIN	4055626494524

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 ² conductor cross section in accordance with IEC 61984)
	32 A (With 6 mm ² conductor cross section in accordance with IEC 61535)
	30 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)
	600 V AC (In accordance with UL 2238)
Rated voltage (III/2)	690 V
Conductor cross section flexible min.	4 mm ²
Conductor cross section flexible max.	6 mm ²

Connector - PRC 5-FC-MS6 8-21 - 1014530

Technical data

Connection data

Conductor cross section solid min.	1.5 mm ²
Conductor cross section solid max.	6 mm ²
Stripping length	12 mm
Torque	max. 1 Nm (Contact screw)
Type of contact	Pin
Stripping length of the sheath	50 mm
Value	1.5 mm ²
	6 mm ²
	1.5 mm ²
	6 mm ²

Material data

Flammability rating according to UL 94	V0
--	----

Standards and Regulations

Flammability rating according to UL 94	V0
--	----

Approvals


Approvals

Approvals

UL Listed / cUL Listed / cULus Listed


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	30 A	
mm ² /AWG/kcmil	10	

Connector - PRC 5-FC-MS6 8-21 - 1014530

Approvals

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

cULus Listed	
--------------	---

Phoenix Contact 2019 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>