

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


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Circular connectors (cable-side), 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



Key Commercial Data

Packing unit	1 pc
GTIN	 4 0 5 5 6 2 6 4 9 4 8 0 7
GTIN	4055626494807

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)
	600 V AC (In accordance with UL 2238)
Rated voltage (III/2)	690 V
Conductor cross section flexible min.	4 mm ²

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Technical data

Connection data

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
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

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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Approvals


Approvals

Approvals

UL Listed / cUL Listed / cULus Listed


Ex Approvals

Approval details

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

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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		25 A
mm ² /AWG/kcmil		12-10

cULus Listed	
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