

**RC F P3 C SP****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

AC connector:

These circular connectors enable a quick connection with a high protection class. They are available both as plugs and sockets.

**General ordering data**

Order No.	<a href="#">2992970000</a>
Type	RC F P3 C SP
GTIN (EAN)	4099986872042

## RC F P3 C SP

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## Technical data

## Dimensions and weights

Net weight	0.02 g
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## Temperatures

Operating temperature	-40 °C...60 °C
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## Technical data customisable plug-in connectors

Cable diameter, max.	13 mm	Cable diameter, min.	7 mm
Coding	none	Conductor cross-section, max.	1.5 mm <sup>2</sup>
Conductor cross-section, min.	0.25 mm <sup>2</sup>	Connection cross-section, max.	4 mm <sup>2</sup>
Connection cross-section, min.	0.5 mm <sup>2</sup>	Contact material	Brass
Contact surface	Brass	Housing main material	PA 66
Number of poles	3	Protection degree	IP68
Rated current	17.5 A	Rated voltage	500 V
Shield connection	No	Type of connection	PUSH IN

## General data

Housing main material	PA 66	Number of poles	3
Type of connection	PUSH IN		

## Technical data

Cable diameter, max.	13 mm	Cable diameter, min.	7 mm
Coding	none	Conductor cross-section, max.	1.5 mm <sup>2</sup>
Conductor cross-section, min.	0.25 mm <sup>2</sup>	Contact material	Brass
Contact surface	Brass	Max. dismantling length	28 mm
Min. dismantling length	25 mm	Protection degree	IP68
Rated current	17.5 A	Rated impulse withstand voltage	2.5 kV
Rated voltage	500 V	Shield connection	No
Stripping length	6 mm	UL 94 flammability rating	V-0

## Classifications

ETIM 6.0	EC002635	ETIM 7.0	EC002635
ETIM 8.0	EC002635	ETIM 9.0	EC002635
ECLASS 9.0	27-44-01-02	ECLASS 9.1	27-44-01-03
ECLASS 10.0	27-44-01-02	ECLASS 11.0	27-44-01-02
ECLASS 12.0	27-44-01-16	ECLASS 13.0	27-44-01-02

## Approvals

ROHS	Conform
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## Downloads

Catalogues	<a href="#">Catalogues in PDF-format</a>
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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****AC connectors**

AC connector:

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**General ordering data**

Type	RC M P3 M20 C SP
Order No.	<a href="#">2992980000</a>
GTIN (EAN)	4099986872059
Qty.	

**AC connectors**

AC connector:

These circular connectors enable a quick connection with a high protection class. They are available both as plugs and sockets.

**General ordering data**

Type	RC M P3 C SP
Order No.	<a href="#">2992960000</a>
GTIN (EAN)	4099986872035
Qty.	