

RC F P3 C SP

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

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.	2992970000
Type	RC F P3 C SP
GTIN (EAN)	4099986872042

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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 ²
Conductor cross-section, min.	0.25 mm ²	Connection cross-section, max.	4 mm ²
Connection cross-section, min.	0.5 mm ²	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 ²
Conductor cross-section, min.	0.25 mm ²	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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	b64e9137-212c-40f4-8b4a-2cb7feb25f72
RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c

Approvals

ROHS	Conform
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Technical data

Downloads

Catalogues

[Catalogues in PDF-format](#)

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Accessories

Round connector M20 mounting tool



Tool:

This tool is ideal for installing the M20 built-in connectors.

General ordering data

Type	MTA RC
Order No.	2884950000
GTIN (EAN)	4064675852070
Qty.	

AC connectors



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General ordering data

Type	RC M P3 C SP
Order No.	2992960000
GTIN (EAN)	4099986872035
Qty.	

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Accessories

AC connectors



AC connector:

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General ordering data

Type	RC M P3 M20 C SP
Order No.	2992980000
GTIN (EAN)	4099986872059
Qty.	