

CONTROL CONNECTOR FOR 3RF20/21/22/3RF23/24
SPRING-TYPE TERMINAL TWO CLAMPING POINTS
PER CONTACT COLOR BLACK

General technical data:		
product brand name		SIRIUS
Product designation		control plug
Product function		solid-state relay / solid-state contactor 3RF2
Ambient temperature		
• during storage	°C	-55 ... +80
Installation altitude at height above sea level maximum	m	1 000
Vibration resistance acc. to IEC 60068-2-6		2g
Shock resistance acc. to IEC 60068-2-27		15g / 11 ms
Equipment marking acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750		X
Equipment marking acc. to DIN EN 61346-2		X
Main circuit:		
Derating temperature	°C	40
Operating frequency rated value	Hz	50 ... 60
Auxiliary circuit:		
Number of CO contacts for auxiliary contacts		0
Installation/ mounting/ dimensions:		
Mounting type		clip-on
Mounting type Side-by-side mounting		Yes
Width	mm	10
Connections/Terminals:		
Type of electrical connection		spring-loaded terminals
• for auxiliary and control current circuit		
Type of connectable conductor cross-sections		
• for auxiliary and control contacts		
— solid		1x (0.5 ... 2.5 mm²), 2x (0.5 ... 1.0 mm²)
— finely stranded		
— with core end processing		1x (0.5 ... 2.5 mm²), 2x (0.5 ... 1.0 mm²)
— without core end processing		1x (0.5 ... 2.5 mm²), 2x (0.5 ... 1.0 mm²)
• at AWG conductors for auxiliary and control contacts		1x (AWG 20 ... 12)

Connectable conductor cross-section for auxiliary and control contacts	• solid	mm ²	0.5 ... 2.5
	• finely stranded		
	— with core end processing	mm ²	0.5 ... 2.5
	— without core end processing	mm ²	0.5 ... 2.5
AWG number as coded connectable conductor cross section for auxiliary and control contacts			12 ... 20
Wire stripping length of the cable for auxiliary and control contacts		mm	10

Certificates/approvals

General Product Approval	EMC	Declaration of Conformity	other
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[Umweltbestätigung](#)

[Bestätigungen](#)

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RF2900-2TB88>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RF2900-2TB88>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3RF2900-2TB88>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RF2900-2TB88&lang=en

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