

REPLACEMENT CONTROL CONNECTOR FOR
3RF20/21/22/3RF23/24 SPRING-TYPE TERMINAL COLOR
GRAY MARKING A1 A2

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 a height over sea level / maximum	m	1,000
Resistance against vibration / according to IEC 60068-2-6		2g
Shock resistance / according to IEC 60068-2-27		15g / 11 ms
Reference code - according to DIN 40719 extended according to IEC 204-2 / according to IEC 750 - according to DIN EN 61346-2		X X

Main circuit:

Derating temperature	°C	40
Operating frequency rated value	Hz	50 ... 60
Relative symmetrical tolerance / of the operation frequency	%	10

Control circuit:

Relative symmetrical tolerance / of the supply voltage frequency	%	10
--	---	----

Auxiliary circuit:

Number of changeover contacts / for auxiliary contacts		0
--	--	---

Installation/mounting/dimensions:

Mounting type		clip-on
Mounting type / series installation		Yes
Width	mm	10

Connections:

Design of the thread / of the connection screw / of the auxiliary and control pins		M3
--	--	----

Type of the connectable conductor cross-section • for auxiliary and control contacts • solid • finely stranded • with conductor end processing • without conductor final cutting • for AWG conductors / for auxiliary and control contacts		1x (0.5 ... 2.5 mm²), 2x (0.5 ... 1.0 mm²) 1x (0.5 ... 2.5 mm²), 2x (0.5 ... 1.0 mm²) 1x (0.5 ... 2.5 mm²), 2x (0.5 ... 1.0 mm²) 1x (AWG 20 ... 12)
Conductor cross section that can be connected / for auxiliary and control contacts • solid • stranded wire • with conductor end processing / • without conductor final cutting	mm² mm² mm²	0.5 ... 2.5 0.5 ... 2.5 0.5 ... 2.5
AWG number / as coded connectable conductor cross-section • for auxiliary and control contacts		12 ... 20
Skinning length / of the cable / for auxiliary and control contacts	mm	10

Certificates/approvals:

General Product Approval



EMC

other

[Environmental Confirmations](#)

Further information:

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

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

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/>

CAX-Online-Generator

<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3RF2900-2TA88/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RF2900-2TA88

last change:

Aug 4, 2014