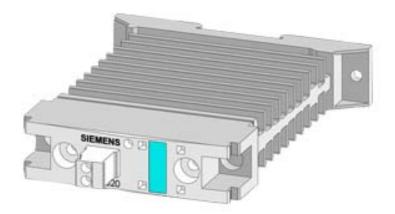
SIEMENS

Data sheet

3RF23 20-3AA02

SEMI-COND. CONTACTOR 3RF2,1-PH. AC 51 20 A 40 DEGREES C 24-230 V / 24 V DC RING TERMINAL



General technical data:		
product brand name		SIRIUS
Product designation		solid-state contactor
Product function		zero-point switching
Number of poles for main current circuit		1
Protection class IP		IP00
Product designation _1 of the accessories that can be ordered		terminal cover
Manufacturer article number _1 of the accessories that can be ordered		<u>3RF2900-3PA88</u>
Product designation _3 of the accessories that can be ordered		converter
Manufacturer article number _3 of the accessories that can be ordered		<u>3RF2900-0EA18</u>
Product designation _4 of the accessories that can be ordered		load monitoring
Manufacturer article number _4 of the accessories that can be ordered		<u>3RF2920-0GA13</u>
Ambient temperature		
 during operation 	°C	-25 +60

• during storage	°C	-55 +80
during storage	-	1 000
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		-9 15g / 11 ms
Equipment marking acc. to DIN 40719 extended	-	K
according to IEC 204-2 acc. to IEC 750		
Equipment marking acc. to DIN EN 61346-2	-	Q
Number of NC contacts for auxiliary contacts	_	0
Number of NO contacts for auxiliary contacts	-	0
Number of CO contacts for auxiliary contacts	-	0
Main circuit:		
Number of NO contacts for main contacts	_	1
Number of NC contacts for main contacts		0
Operating current		
at AC-51 Rated value	А	20
Operating current minimum	mA	500
Operating voltage at AC		
at 50 Hz Rated value	V	24 230
• at 60 Hz Rated value	V	24 230
Operating range relative to the operating voltage at	-	
AC		
● at 50 Hz	V	20 253
• at 60 Hz	V	20 253
Operating frequency Rated value	Hz	50 60
Insulation voltage Rated value	V	600
Rate of voltage rise at the thyristor for main contacts	V/µs	1 000
maximum permissible		
Blocking voltage at the thyristor for main contacts maximum permissible	V	800
Reverse current of the thyristor	mA	10
Derating temperature	°C	40
Active power loss total typical	W	20
Surge current resistance Rated value	A	600
I2t value maximum	A²∙s	1 800
Control circuit/ Control:		
Type of voltage of the control supply voltage		DC
Control supply voltage 1		
● at DC		
— Initial rated value	V	15
— Final rated value	V	24
Control supply voltage		
• at DC Full-scale value for signal<0> recognition	V	5

Control current		
 at minimum control supply voltage 		
— at DC	mA	2
• at DC Rated value	mA	15

Mounting type screw and snap-on mounting onto 35 mm standard mounting rail Mounting type Side-by-side mounting Yes Design of the thread of the screw for securing the equipment M4 Tightening torque of the screw for securing the equipment M4 Width mm 22.5 Height mm 100 Depth mm 140.5 Connections/ Terminals: mm 140.5 Type of electrical connection for main current circuit fightening torque for the thread of the connection screw for main contacts M5 Tightening torque for main contacts with screw-type terminals N:m 22.5 Type of connectable conductor cross-section for main contacts M1 46234 -5-2,5,5-5,8-5,14-5 Type of connectable conductor cross-section for main contacts DIN 46234 -5-2,5,-5-6, -5-10, -5-16, -5-25 • for JIN cable lug for main contacts DIN 46234 -5-2,5, -5-6, -5-10, -5-16, -5-25 • for AWG conductors 1x (0.5 2.5 mm ³), 2x (0.5 1.0 mm ³) • for auxilary and control contacts 1x (0.5 2.5 mm ³), 2x (0.5 1.0 mm ³) • for auxilary and control contacts mm ² • solid 1x (0.5 2.5 mm ³), 2x (0.5 1.0 mm ³) • for auxiliary and control contacts mm ² • auxiliary and control contacts - • for auxiliary and control contacts	Installation/ mounting/ dimensions:		
Design of the thread of the screw for securing the equipment M4 Tightening torque of the screw for securing the equipment N:m 1.5 Width mm 22.5 Height mm 100 Despth mm 100 Despth mm 100 Design of the thread of the connection for main current circuit ring cable connection Operations mm 100 Design of the thread of the connection screw for main contacts with screw-type terminals M5 Type of connectable conductor cross-section for main contacts M5 Type of connectable conductor cross-section for main contacts JIS C 2805 R 2-5, 5-5, 8-5, 14-5 Type of connectable conductor cross-section for auxiliary and control contacts DIN 46234 -5-2,5, -5-6, -5-10, -5-16, -5-25 • for JIX cable lug for main contacts IX (AWG 20 12) Type of connectable conductor cross-section for auxiliary and control contacts 1x (0.5 2.5 mm ³), 2x (0.5 1.0 mm ³) • solid 1x (0.5 2.5 mm ³), 2x (0.5 1.0 mm ³) 1x (0.5 2.5 mm ³), 2x (0.5 1.0 mm ³) • with core end processing mm ² 0.5 2.5 mm ² • finely stranded mm ² 0.5 2.5 mm ²	Mounting type		
equipmentImage: second sec	Mounting type Side-by-side mounting	_	Yes
equipment mm 22.5 Height mm 100 Depth mm 140.5 Connections/ Terminals: Type of electrical connection for main current circuit ring cable connection Design of the thread of the connection screw for main contacts with screw-type terminals M5 Type of connectable conductor cross-section for main contacts N·m 2 2.5 Type of connectable conductor cross-section for main contacts JIS C 2805 R 2-5, 5, 5-5, 8-5, 14-5 JIS C 2805 R 2-5, 5, 5-5, 8-5, 14-5 Type of connectable conductor cross-section for auxiliary and control contacts JIN 46234 -5-2, 5, -5-6, -5-10, -5-16, -5-25 • for AWG conductors - for auxiliary and control contacts 1x (AWG 20 12) Type of connectable conductor cross-section for auxiliary and control contacts 1x (0.5 2.5 mm³), 2x (0.5 1.0 mm³) • finely stranded - with core end processing 1x (0.5 2.5 mm²), 2x (0.5 1.0 mm²) • for auxiliary and control contacts - solid - solid • solid mm² 0.5 2.5 • finely stranded - with core end processing - x (0.5 2.5 mm²), 2x (0.5 1.0 mm²) • finely stranded - with core end processing 0.5 2.5			M4
Height mm 100 Depth mm 140.5 Connections/Terminals: ring cable connection Type of electrical connection for main current circuit ring cable connection Design of the thread of the connection screw for main contacts M5 Tightening torque for main contacts with screw-type terminals N*m 2 2.5 Type of connectable conductor cross-section for main contacts N*m 2 2.5 tor JIS cable lug JIS C 2805 R 2-5, 5,5-5, 8-5, 14-5 140.5 Type of connectable conductor cross-section for main contacts DIN 46234 -5-2,5, -5-6, -5-10, -5-16, -5-25 1x (AWG 20 12) Type of connectable conductor cross-section for auxiliary and control contacts 1x (0.5 2.5 mm²), 2x (0.5 1.0 mm²) • for DIN cable lug for main 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) • solid 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) • for auxiliary and control contacts mm² 0.5 2.5 1.0 mm²) • for auxiliary and control contacts mm² 0.5 2.5 1.0 mm²) • finely stranded mm² 0.5 2.5		N∙m	1.5
Depth mm 140.5 Connections/ Terminals: fing cable connection Type of electrical connection for main current circuit fing cable connection Design of the thread of the connection screw for main contacts M5 Tightening torque for main contacts with screw-type terminals N·m 2 2.5 Type of connectable conductor cross-section for main contacts JIS C 2805 R 2-5, 5, 5-5, 8-5, 14-5 Type of connectable conductor cross-section III A6234 -5-2, 5, -5-6, -5-10, -5-16, -5-25 • for JIN cable lug for main contacts DIN 46234 -5-2, 5, -5-6, -5-10, -5-16, -5-25 • for AWG conductors 1x (AWG 20 12) Type of connectable conductor cross-section for auxiliary and control contacts 1x (0.5 2.5 mm ²), 2x (0.5 1.0 mm ²) • solid 1x (0.5 2.5 mm ²), 2x (0.5 1.0 mm ²) • finely stranded 1x (0.5 2.5 mm ²), 2x (0.5 1.0 mm ²) • with core end processing 1x (0.5 2.5 mm ²), 2x (0.5 1.0 mm ²) • finely stranded mm ² 0.5 2.5 • finely stranded mm ² 0.5 2.5 • finely stranded mm ² 0.5 2.5 • mithout core end processing mm ² 0.5 2.5 • finely stranded mm ² 0.5 2.5 • without core end processing mm ² 0.5 2.5	Width	mm	22.5
Connections/ Terminals: Type of electrical connection for main current circuit ring cable connection Design of the thread of the connection screw for main contacts M5 Tightening torque for main contacts with screw-type terminals N·m 2 2.5 Type of connectable conductor cross-section for main contacts JIS C 2805 R 2-5, 5, 5-5, 8-5, 14-5 Type of connectable conductor cross-section IS C 2805 R 2-5, 5, 5-5, 8-5, 14-5 Type of connectable conductor cross-section IN M6234 -5-2, 5, -5-6, -5-10, -5-16, -5-25 • for JIN cable lug for main contacts IN M6234 -5-2, 5, -5-6, -5-10, -5-16, -5-25 • for AWG conductors IX (AWG 20 12) Type of connectable conductor cross-section for auxiliary and control contacts IX (0.5 2.5 mm²), 2x (0.5 1.0 mm²) • solid 1x (0.5 2.5 mm²), 2x (0.5 1.0 mm²) • finely stranded IX (0.5 2.5 mm²), 2x (0.5 1.0 mm²) • without core end processing IX (0.5 2.5 mm²), 2x (0.5 1.0 mm²) • for auxiliary and control contacts Im m² • finely stranded mm² 0.5 2.5 • finely stranded mm² 0.5 2.5 • without core end processing mm² 0.5 2.5 • without core end processing </td <td>Height</td> <td>mm</td> <td>100</td>	Height	mm	100
Type of electrical connection for main current circuit ring cable connection Design of the thread of the connection screw for main contacts M5 Tightening torque for main contacts with screw-type terminals N·m 2 2.5 Type of connectable conductor cross-section for main contacts JIS C 2805 R 2-5, 5,5-5, 8-5, 14-5 JIS C 2805 R 2-5, 5,5-5, 8-5, 14-5 Type of connectable conductor cross-section of rol IN cable lug for main contacts JIN 46234 -5-2,5, -5-6, -5-10, -5-16, -5-25 If the description of the thread of the connectable conductor cross-section IN m 2 2.5 Type of connectable conductor cross-section IN M2 JIS C 2805 R 2-5, 5,5-5, 8-5, 14-5 Type of connectable conductor cross-section for auxiliary and control contacts IN M2 JIN 46234 -5-2,5, -5-6, -5-10, -5-16, -5-25 • for AUXG conductors 1x (AWG 20 12) 12 Type of connectable conductor cross-section for auxiliary and control contacts 1x (0.5 2.5 mm²), 2x (0.5 1.0 mm²) • solid 1x (0.5 2.5 mm²), 2x (0.5 1.0 mm²) 1x (0.5 2.5 mm²), 2x (0.5 1.0 mm²) • without core end processing mm² 0.5 2.5 • with core end processing mm² 0.5 2.5 • without core end processing mm² 0.5 2.5 <t< td=""><td>Depth</td><td>mm</td><td>140.5</td></t<>	Depth	mm	140.5
Design of the thread of the connection screw for main contacts M5 Tightening torque for main contacts with screw-type terminals N·m 2 2.5 Type of connectable conductor cross-section for main contacts JIS C 2805 R 2-5, 5, 5-5, 8-5, 14-5 Type of connectable conductor cross-section of or JIS cable lug JIS C 2805 R 2-5, 5, 5-6, -5-10, -5-16, -5-25 • for JIN cable lug for main contacts DIN 46234 -5-2, 5, -5-6, -5-10, -5-16, -5-25 • for AWG conductors - for auxiliary and control contacts 1x (AWG 20 12) Type of connectable conductor cross-section for auxiliary and control contacts 1x (0.5 2.5 mm²), 2x (0.5 1.0 mm²) • finely stranded 1x (0.5 2.5 mm²), 2x (0.5 1.0 mm²) 1x (0.5 2.5 mm²), 2x (0.5 1.0 mm²) • with core end processing 1x (0.5 2.5 mm²), 2x (0.5 1.0 mm²) 1x (0.5 2.5 mm²), 2x (0.5 1.0 mm²) • finely stranded - solid mm² 0.5 2.5 mm²), 2x (0.5 1.0 mm²) • finely stranded - solid mm² 0.5 2.5 mm²), 2x (0.5 1.0 mm²) • finely stranded - solid mm² 0.5 2.5 - with core end processing mm² 0.5 2.5 - with core end processing mm² 0.5 2.5 - with core end pro	Connections/ Terminals:		
contacts N·m 2 2.5 Tightening torque for main contacts with screw-type terminals N·m 2 2.5 Type of connectable conductor cross-section for main contacts JIS C 2805 R 2-5, 5,5-5, 8-5, 14-5 • for JIS cable lug JIS C 2805 R 2-5, 5,5-5, 8-5, 14-5 Type of connectable conductor cross-section DIN 46234 -5-2,5, -5-6, -5-10, -5-16, -5-25 • for DIN cable lug for main contacts DIN 46234 -5-2,5, -5-6, -5-10, -5-16, -5-25 • for AWG conductors 1x (AWG 20 12) Type of connectable conductor cross-section for auxiliary and control contacts 1x (0.5 2.5 mm ²), 2x (0.5 1.0 mm ²) • solid 1x (0.5 2.5 mm ²), 2x (0.5 1.0 mm ²) • with core end processing 1x (0.5 2.5 mm ²), 2x (0.5 1.0 mm ²) • or auxiliary and control contacts - solid • for auxiliary and control contacts - solid - with core end processing 1x (0.5 2.5 mm ²), 2x (0.5 1.0 mm ²) Connectable conductor cross-section - solid • for auxiliary and control contacts - solid - solid mm ² 0.5 2.5 - finely stranded - solid - solid - with core end processing mm ² 0.5 2.5 <t< td=""><td>Type of electrical connection for main current circuit</td><td></td><td>ring cable connection</td></t<>	Type of electrical connection for main current circuit		ring cable connection
terminals Image: Connectable conductor cross-section for main contacts • for JIS cable lug JIS C 2805 R 2-5, 5,5-5, 8-5, 14-5 Type of connectable conductor cross-section Image: Connectable conductor cross-section • for DIN cable lug for main contacts DIN 46234 -5-2,5, -5-6, -5-10, -5-16, -5-25 • for AWG conductors 1x (AWG 20 12) Type of connectable conductor cross-section for auxiliary and control contacts 1x (0.5 2.5 mm²), 2x (0.5 1.0 mm²) • solid 1x (0.5 2.5 mm²), 2x (0.5 1.0 mm²) • finely stranded 1x (0.5 2.5 mm²), 2x (0.5 1.0 mm²) - with core end processing 1x (0.5 2.5 mm²), 2x (0.5 1.0 mm²) • for auxiliary and control contacts mm² - solid mm² 0.5 2.5 - finely stranded mm² 0.5 2.5 - with core end processing mm² 0.5 2.5 - finely stranded mm² 0.5 2.5 - with core end processing mm² 0.5 2.5 - finely stranded mm² 0.5 2.5 - with core end processing mm² 0.5 2.5 AWG number as coded connectable conductor cross section 0.5 2.5	-	-	M5
main contactsImage: section of the sectio		N∙m	2 2.5
Type of connectable conductor cross-sectionDIN 46234 -5-2,5, -5-6, -5-10, -5-16, -5-25• for DIN cable lug for main contactsDIN 46234 -5-2,5, -5-6, -5-10, -5-16, -5-25• for AWG conductors1x (AWG 20 12)Type of connectable conductor cross-section for auxiliary and control contacts1x (0.5 2.5 mm²), 2x (0.5 1.0 mm²)• solid1x (0.5 2.5 mm²), 2x (0.5 1.0 mm²)• finely stranded1x (0.5 2.5 mm²), 2x (0.5 1.0 mm²)- with core end processing1x (0.5 2.5 mm²), 2x (0.5 1.0 mm²)• for auxiliary and control contacts1x (0.5 2.5 mm²), 2x (0.5 1.0 mm²)• for auxiliary and control contacts- with core end processing- with core end processing1x (0.5 2.5 mm²), 2x (0.5 1.0 mm²)• for auxiliary and control contacts- solid- solidmm²- finely stranded- with core end processing- with core end processingmm²- without core end processingmm²- witho		_	
 for DIN cable lug for main contacts for AWG conductors for AWG conductors for auxiliary and control contacts Type of connectable conductor cross-section for auxiliary and control contacts solid solid finely stranded with core end processing without core end processing for auxiliary and control contacts Connectable conductor cross-section finely stranded with core end processing for auxiliary and control contacts for auxiliary and control contacts with out core end processing for auxiliary and control contacts solid finely stranded solid mm² 0.5 2.5 mit core end processing mm² 0.5 2.5 AWG number as coded connectable conductor cross section section 	• for JIS cable lug		JIS C 2805 R 2-5, 5,5-5, 8-5, 14-5
 for AWG conductors for AWG conductors for auxiliary and control contacts Type of connectable conductor cross-section for auxiliary and control contacts solid finely stranded with core end processing without core end processing for auxiliary and control contacts Connectable conductor cross-section for auxiliary and control contacts with core end processing for auxiliary and control contacts solid for auxiliary and control contacts mm² 0.5 2.5 mm²), 2x (0.5 1.0 mm²) Connectable conductor cross-section for auxiliary and control contacts mm² 0.5 2.5 mm²), 2x (0.5 1.0 mm²) With core end processing mm² mm² 0.5 2.5 mm² mm² 0.5 2.5 AWG number as coded connectable conductor cross section without core end processing mm² 0.5 2.5	Type of connectable conductor cross-section		
— for auxiliary and control contacts1x (AWG 20 12)Type of connectable conductor cross-section for auxiliary and control contacts1x (0.5 2.5 mm²), 2x (0.5 1.0 mm²)• solid1x (0.5 2.5 mm²), 2x (0.5 1.0 mm²)• finely stranded1x (0.5 2.5 mm²), 2x (0.5 1.0 mm²)— with core end processing1x (0.5 2.5 mm²), 2x (0.5 1.0 mm²)— without core end processing1x (0.5 2.5 mm²), 2x (0.5 1.0 mm²)Connectable conductor cross-section1x (0.5 2.5 mm²), 2x (0.5 1.0 mm²)• for auxiliary and control contactsmm²- solidmm²- solidmm²- with core end processingmm²- without core end processingmm²- WG number as coded connectable conductor cross sectionconductor cross	 for DIN cable lug for main contacts 		DIN 46234 -5-2,5, -5-6, -5-10, -5-16, -5-25
Type of connectable conductor cross-section for auxiliary and control contacts1x (0.5 2.5 mm²), 2x (0.5 1.0 mm²)• solid1x (0.5 2.5 mm²), 2x (0.5 1.0 mm²)• finely stranded1x (0.5 2.5 mm²), 2x (0.5 1.0 mm²)- with core end processing1x (0.5 2.5 mm²), 2x (0.5 1.0 mm²)- without core end processing1x (0.5 2.5 mm²), 2x (0.5 1.0 mm²)Connectable conductor cross-section1x (0.5 2.5 mm²), 2x (0.5 1.0 mm²)• for auxiliary and control contactsmm²- solidmm²- finely stranded0.5 2.5- with core end processingmm²- with core end processingmm²- with core end processingmm²- without core end processing <td> for AWG conductors </td> <td></td> <td></td>	 for AWG conductors 		
auxiliary and control contactsImage: solidImage: solidImage: solid• solid1x (0.5 2.5 mm²), 2x (0.5 1.0 mm²)• finely stranded1x (0.5 2.5 mm²), 2x (0.5 1.0 mm²)- with core end processing1x (0.5 2.5 mm²), 2x (0.5 1.0 mm²)- without core end processing1x (0.5 2.5 mm²), 2x (0.5 1.0 mm²)• for auxiliary and control contacts1x (0.5 2.5 mm²), 2x (0.5 1.0 mm²)• for auxiliary and control contacts- solid- solidmm²- finely stranded- with core end processing- with core end processingmm²- without core end processingmm²	— for auxiliary and control contacts		1x (AWG 20 12)
• solid1x (0.5 2.5 mm²), 2x (0.5 1.0 mm²)• finely stranded1x (0.5 2.5 mm²), 2x (0.5 1.0 mm²)- with core end processing1x (0.5 2.5 mm²), 2x (0.5 1.0 mm²)- without core end processing1x (0.5 2.5 mm²), 2x (0.5 1.0 mm²)Connectable conductor cross-section1x (0.5 2.5 mm²), 2x (0.5 1.0 mm²)• for auxiliary and control contactsmm²- solidmm²- solidmm²- finely stranded0.5 2.5- with core end processingmm²- without core end processingmm²- Solidscoled connectable conductor cross- without core end processingmm²- Solid- Solid <td>Type of connectable conductor cross-section for</td> <td></td> <td></td>	Type of connectable conductor cross-section for		
 finely stranded with core end processing without core end processing without core end processing Connectable conductor cross-section for auxiliary and control contacts solid mm² 0.5 2.5 mm²), 2x (0.5 1.0 mm²) Mm² 0.5 2.5 mm² MM² 0.5 2.5 mm² MM² 0.5 2.5 mm² 0.5 2.5 mm² 0.5 2.5 MM² 0.5 2.5 	auxiliary and control contacts		
- with core end processing1x (0.5 2.5 mm²), 2x (0.5 1.0 mm²)- without core end processing1x (0.5 2.5 mm²), 2x (0.5 1.0 mm²)Connectable conductor cross-section-• for auxiliary and control contacts solidmm²- finely stranded with core end processingmm²- with core end processingmm²- with core end processingmm²- without core end processingm²- without core end processingm² <td>• solid</td> <td></td> <td>1x (0.5 2.5 mm²), 2x (0.5 1.0 mm²)</td>	• solid		1x (0.5 2.5 mm²), 2x (0.5 1.0 mm²)
- without core end processing1x (0.5 2.5 mm²), 2x (0.5 1.0 mm²)Connectable conductor cross-section1x (0.5 2.5 mm²), 2x (0.5 1.0 mm²)• for auxiliary and control contactsmm²- solidmm²- solidmm²- finely strandedmm²- with core end processingmm²- without core end processingmm²- without core end processingmm²MWG number as coded connectable conductor cross section0.5 2.5	 finely stranded 		
Connectable conductor cross-section mm² 0.5 2.5 - solid mm² 0.5 2.5 - finely stranded mm² 0.5 2.5 - with core end processing mm² 0.5 2.5 - without core end processing mm² 0.5 2.5 AWG number as coded connectable conductor cross section mm² 0.5 2.5	— with core end processing		
• for auxiliary and control contactsmm²0.5 2.5- solidmm²0.5 2.5- finely strandedmm²0.5 2.5- with core end processingmm²0.5 2.5- without core end processingmm²0.5 2.5AWG number as coded connectable conductor cross sectionIt is in the sectionIt is in the section	 — without core end processing 		1x (0.5 2.5 mm²), 2x (0.5 1.0 mm²)
solidmm²0.5 2.5 finely strandedmm²0.5 2.5 with core end processingmm²0.5 2.5 without core end processingmm²0.5 2.5AWG number as coded connectable conductor cross sectionLaster and the section	Connectable conductor cross-section		
finely stranded mm ² 0.5 2.5 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 Image: Conductor cross section Image: Conductor cross section	 for auxiliary and control contacts 		
with core end processing mm² 0.5 2.5 without core end processing mm² 0.5 2.5 AWG number as coded connectable conductor cross section Image: Conductor cross section Image: Conductor cross section	— solid	mm²	0.5 2.5
— without core end processing mm² 0.5 2.5 AWG number as coded connectable conductor cross section Image: Contract of the section seccon section section section section section section sectio	— finely stranded		
AWG number as coded connectable conductor cross section	— with core end processing	mm²	0.5 2.5
section	 — without core end processing 	mm²	0.5 2.5
• for auxiliary and control contacts 20 12			
	 for auxiliary and control contacts 		20 12

Type of electrical connection for auxiliary and control current circuit		ring cable connection
Design of the thread of the connection screw of the auxiliary and control contacts		M3
Wire stripping length of the cable		
 for main contacts 	mm	10
 for auxiliary and control contacts 	mm	10
Tightening torque for auxiliary and control contacts with screw-type terminals	N∙m	0.5 0.6
Tightening torque [lbf·in] for auxiliary and control contacts with screw-type terminals	lbf∙in	4.5 5.3

Certificates/ approvals: General Product Approval EMC Declaration of Conformity Test Certificates Image: Conference of Confere

other

Umweltbestätigung

Further information

Short-circuit protection, design of the fuse link https://www.automation.siemens.com/cd-static/material/info/3RF23_eng.pdf

Information- and Downloadcenter (Catalogs, Brochures,...) http://www.siemens.com/industrial-controls/catalogs

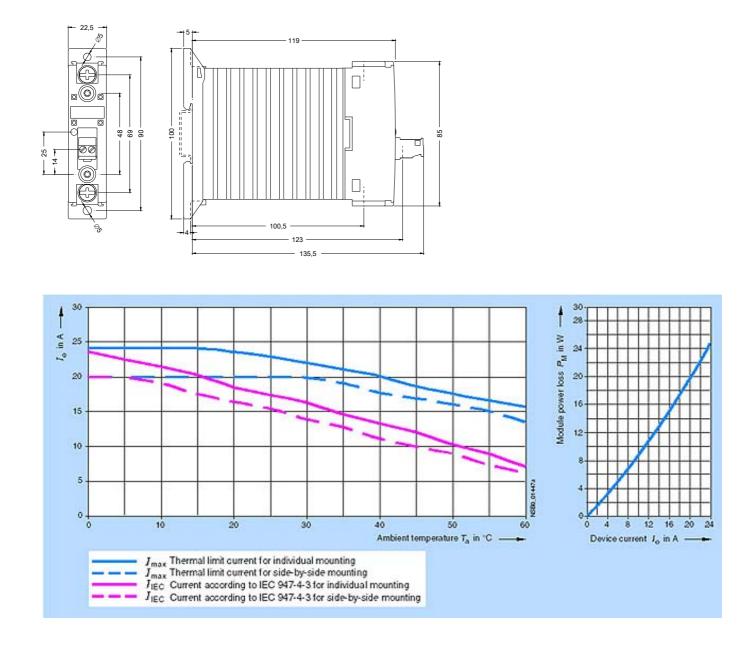
Industry Mall (Online ordering system) http://www.siemens.com/industrymall

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RF23203AA02

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3RF23203AA02

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RF23203AA02&lang=en



last modified:

17.07.2015