# SIEMENS

### **Product data sheet**

#### 3RF2320-2AA02



SEMI-COND. CONTACTOR 3RF2,1-PH. AC 51 20 A 40 DEGREES C 24-230 V / 24 V DC SPRING-LOADED 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		IP20
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>
Ambient temperature		
during operating	°C	-25 +60
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
Resistance against shock / according to IEC 60068-2-27		15g / 11 ms
Reference code		
<ul> <li>according to DIN 40719 extended according to IEC 204-2 / according to IEC 750</li> </ul>		К
according to DIN EN 61346-2		Q
Number of NC contacts / for auxiliary contacts		0

Number of changeover contacts / for auxiliary contacts         0           Main circuit:         Image of NG contacts / for main contacts         1           Number of NG contacts / for main contacts         0         0           Operating current	Number of NO contacts / for auxiliary contacts	-	0
Main circuit:       Number of NC contacts / for main contacts     1       Number of NC contacts / for main contacts     0       Operating current			0
Number of NO contacts / for main contacts         1           Number of NC contacts / for main contacts         0           Operating current	- · ·		
Number of NC contacts / for main contactsImage: contacts / for main contacts / for main contactsImage: contacts / for main contactsOperating currentA20: at AC-1 / at 400 V/ rated valueA20: at AC-51 / rated valueA20Operating current / minimummA500Operating voltage	Main circuit:	_	
Operating currentA20• at AC-1 / at 400 V / rated valueA20• at AC-51 / rated valueA20Operating current / minimummA500Operating voltage	Number of NO contacts / for main contacts	-	1
A20out AC-1/ at 400 V/ rated valueA20operating current / minimumMA500Operating current / minimumV24 230out at 50 Hz / at AC / rated valueV24 230• at 50 Hz / at AC / rated valueV24 230• at 50 Hz / at AC / rated valueV20 253• at 50 Hz / with ACV20 253• rated valueHz50 60Insulation voltage / rated valueV600Notage / rated valueV800Insulation voltage / rated valueV800Block voltage / at the thyristor / for main contacts / maximum permissibleV800Block voltage / at the thyristor / for main contacts / maximum permissibleV800Reverse current / of the thyristormA10Derating temperatureA600Active power loss / total / typicalM20Resistance against the inpulse current / rated valueA600Control supply voltage / 1 • infail rated valueV15• for DCInfail rated valueV15• infail rated valueV15• infail rated valueV15• infail rated valueV15• infail rated valueV5• for DC / tinal value for signal-Co-recognitionV5	Number of NC contacts / for main contacts		0
A20Operating current / minimummA500Operating voltage	Operating current		
Operating current / minimummA500Operating voltageV24 230• at 50 Hz / at AC / rated valueV24 230• at 60 Hz / at AC / rated valueV24 230Working range relative to the operating voltageV20 253• at 50 Hz / with ACV20 253• at 60 Hz / with ACV20 253• at 60 Hz / with ACV20 253Operating frequencyHz50 60• rated valueHz50 60Insulation voltage / rated valueV600Voltage slew rate / at the thyristor / for main contacts / maximum permissibleVipsBlock voltage / at the thyristor / for main contacts / maximum permissibleV800Block voltage / at the thyristormA10Active power loss / total / typicalW20Reverse current / of the thyristorM20Resistance against the impulse current / rated valueA2*s1,800Let-level / maximumA2*s1,800Control supply voltage / 1 • for DCDCC• initial rated valueV15• for DCV24• initial rated valueV24Control supply voltageV3• for DC / final value for signal-Cb-recognitionV5• for DC / final value for signal-Cb-recognitionV5	• at AC-1 / at 400 V / rated value	А	20
Operating voltage         V         24 230           • at 50 Hz / at AC / rated value         V         24 230           • at 60 Hz / at AC / rated value         V         24 230           Working range relative to the operating voltage         V         24 230           • at 50 Hz / with AC         V         20 253           • at 60 Hz / with AC         V         20 253           • at 60 Hz / with AC         V         20 253           Operating frequency         Hz         50 60           • rated value         HZ         50 60           Insulation voltage / rated value         V         600           Voltage slew rate / at the thyristor / for main contacts / maximum permissible         V/us         1,000           Block voltage / at the thyristor / for main contacts / maximum permissible         V         800           Reverse current / of the thyristor         mA         10           Derating temperature         M         20           Revise current / of the thyristor         MX         800           Izt-level / maximum         A2 is         1,800           Izt-level / maximum         A2 is         1,800           Control curcuit/ Control:         V         20           Volt	• at AC-51 / rated value	А	20
• at 50 Hz / at AC / rated valueV24230• at 60 Hz / at AC / rated valueV24230• at 50 Hz / with ACV20253• at 50 Hz / with ACV20253• at 60 Hz / with ACV20253• rated valueHz5060Insulation voltage / rated valueV600Voltage silew rate / at the thyristor / for main contacts / maximup permissibleV/ws1.000Block voltage / at the thyristor / for main contacts / maximum permissibleV800Block voltage / at the thyristor / for main contacts / maximum permissibleV800Reverse current / of the thyristorMA10Active power loss / total / typicalW20Resistance against the impulse current / rated valueA600It-level / maximumA <sup>2</sup> -s1.800Control supply voltage / 1 • for DCDC• for DCV15• initial rated valueV15• for DCV24• for DC / final value for signal-Ox-recognitionV5• for DC / final value for signal-Ox-recognitionV5• for DC / final value for signal-Ox-recognitionV5	Operating current / minimum	mA	500
v at 60 Hz / at AC / rated valueV24230Working range relative to the operating voltageV20253• at 60 Hz / with ACV20253Operating frequencyHz5060Insulation voltage / rated valueV600Voltage slew rate / at the thyristor / for main contacts / maximum permissibleV/µs1.000Block voltage / at the thyristor / for main contacts / maximum permissibleV800Reverse current / of the thyristormA10Derating temperature°C40Active power loss / total / typicalW20Revise current / of the inpulse current / rated valueA600Izt-level / maximumA*s1,800Control Circult/ ControlDCControl current / rated valueVoltage type / of control feed voltageV15• for DC • initial rated valueV15• for DC • initial rated valueV5• for DC / inal value for signal-Ob>-recognitionV5• for DC / final value for signal-Ob>-recognitionV5	Operating voltage		
Working range relative to the operating voltage         V         20         253           • at 60 Hz / with AC         V         20         253           Operating frequency         V         20         253           • rated value         Hz         50         60           Insulation voltage / rated value         V         600           Voltage slew rate / at the thyristor / for main contacts / maximum permissible         V/µs         1,000           Block voltage / at the thyristor / for main contacts / maximum permissible         V         800           Block 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           Resistance against the impulse current / rated value         A         600           Izt-level / maximum         A*s         1,800           Control curcuit / Control         V         15           Voltage type / of control feed voltage         V         15           Voltage type / voltage / 1         V         24           • for DC         V         24           Cont	• at 50 Hz / at AC / rated value	V	24 230
* at 50 Hz / with ACV20 253• at 60 Hz / with ACV20 253• rated valueHz50 60• rated valueV600• valueV800• Voltage / rated valueV800• Voltage / at the thyristor / for main contacts / maximum permissibleV800Block voltage / at the thyristor / for main contacts / maximum permissibleV800• Reverse current / of the thyristormA10• Carting temperature°C40• Active power loss / total / typicalW20• Revistance against the impulse current / rated valueA600• Zhelevel / maximumA*-s1,800• Zhelevel / maximumDCControl supply voltage / 1• for DCV15• initial rated valueV24• for DCV5• for DC / final value for signal<0>-recognitionV5• for DC / final value for signal<0>-recognitionV5	• at 60 Hz / at AC / rated value	V	24 230
• at 60 Hz / with AC     V     20 253       Operating frequency     Hz     50 60       • rated value     V     600       Insulation voltage / rated value     V     600       Voltage slew rate / at the thyristor / for main contacts / maximum permissible     V/µs     1,000       Block 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       Resistance against the impulse current / rated value     A     600       Izt-level / maximum     A <sup>2</sup> .s     1,800       Control circuit/ Control     PC     Control supply voltage / 1       • for DC     V     15       • initial rated value     V     24       Control supply voltage     V     24       Control supply voltage     V     5       • for DC / final value for signal<0>-recognition     V     5       • for DC / final value for signal<0>-recognition     V     5	Working range relative to the operating voltage		
Operating frequency         Hz         Fraction (Control Supply voltage (Control Supp	• at 50 Hz / with AC	V	20 253
• rated valueHz50 60Insulation voltage / rated valueV600Voltage slew rate / at the thyristor / for main contacts / maximum permissibleV/us1,000Block voltage / at the thyristor / for main contacts / maximum permissibleV800Block voltage / at the thyristor / for main contacts / maximum permissibleV800Reverse current / of the thyristormA10Derating temperature°C40Active power loss / total / typicalW20Resistance against the impulse current / rated valueA600Izt-level / maximumA2*s1,800Control circuit/ ControlVoltage type / of control feed voltageControl supply voltage / 1 • for DCV15• final rated valueV15• final rated valueV24Control supply voltageV5• for DC / final value for signal<0>-recognitionV5	• at 60 Hz / with AC	V	20 253
Insulation voltage / rated valueV600Voltage slew rate / at the thyristor / for main contacts / maximum permissibleV/µs1,000Block voltage / at the thyristor / for main contacts / maximum permissibleV800Reverse current / of the thyristormA10Derating temperature°C40Active power loss / total / typicalW20Resistance against the impulse current / rated valueA600Izt-level / maximumA²-s1,800Control circuit/ Control:Voltage type / of control feed voltageDCControl supply voltage / 1 • for DCV15initial rated valueV15control supply voltageV24Control supply voltageV5Control circuit / Control:V5	Operating frequency		
Voltage slew rate / at the thyristor / for main contacts / maximum permissible       V/µs       1,000         Block 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         Resistance against the impulse current / rated value       A       600         Izt-level / maximum       A <sup>2</sup> -s       1,800         Voltage type / of control feed voltage       DC       Control supply voltage / 1         • for DC       • initial rated value       V       15         • final rated value       V       24       Control supply voltage         • for DC / final value for signal<0>-recognition       V       5       Control current	rated value	Hz	50 60
maximum permissibleImage: maximum permissibleBlock voltage / at the thyristor / for main contacts / maximum permissibleV800Reverse current / of the thyristormA10Derating temperature°C40Active power loss / total / typicalW20Resistance against the impulse current / rated valueA600Izt-level / maximumA²-s1,800Control circuit/ Control:Voltage type / of control feed voltageDCControl supply voltage / 1 • for DCV15initial rated valueV24Control supply voltageV5· for DC / final value for signal<0>-recognitionV5	Insulation voltage / rated value	V	600
permissibleImage: constraint of the thyristormA10Derating temperature°C40Active power loss / total / typicalW20Resistance against the impulse current / rated valueA600Izt-level / maximumA²-s1,800Control circuit/ ControlVoltage type / of control feed voltageDCControl supply voltage / 1V15• for DCV15• final rated valueV24Control supply voltageV5• for DC / final value for signal <o>-recognitionV5</o>		V/µs	1,000
Derating temperature       °C       40         Active power loss / total / typical       W       20         Resistance against the impulse current / rated value       A       600         I2t-level / maximum       A <sup>2</sup> -s       1,800         Control circuit/ Control:         Voltage type / of control feed voltage       DC         Control supply voltage / 1       OC       Intervention of the second of the		V	800
Active power loss / total / typicalW20Resistance against the impulse current / rated valueA600Izt-level / maximumA <sup>2</sup> -s1,800Control circuit/ Control:Voltage type / of control feed voltageDCControl supply voltage / 1DC• for DCV15• initial rated valueV15• final rated valueV24Control supply voltage /V5• for DC / final value for signal<0>-recognitionV5	Reverse current / of the thyristor	mA	10
Resistance against the impulse current / rated value       A       600         I2t-level / maximum       A <sup>2</sup> -s       1,800         Control circuit/ Control:         Voltage type / of control feed voltage         Control supply voltage / 1       DC         • for DC       V       15         • initial rated value       V       15         • final rated value       V       24         Control supply voltage       V       5         • for DC / final value for signal<0>-recognition       V       5	Derating temperature	°C	40
I2t-level / maximumA²-s1,800Control circuit/ Control:DCVoltage type / of control feed voltageDCControl supply voltage / 1DC• for DCV• initial rated valueV• final rated valueVControl supply voltageV• for DC / final value for signal<0>-recognitionVV5	Active power loss / total / typical	W	20
Control circuit/ Control:       DC         Voltage type / of control feed voltage       DC         Control supply voltage / 1       -         • for DC       -         • initial rated value       V         • final rated value       V         • final rated value       V         • for DC / final value for signal<0>-recognition       V         • for DC / final value for signal<0>-recognition       V	Resistance against the impulse current / rated value	A	600
Voltage type / of control feed voltageDCControl supply voltage / 1DC• for DC-• initial rated valueV• final rated valueV• final rated valueV• for DC / final value for signal<0>-recognitionVV5	l2t-level / maximum	A²-s	1,800
Control supply voltage / 1       -         • for DC       -         • initial rated value       V         • final rated value       V         • final rated value       V         • for DC / final value for signal<0>-recognition       V         V       5	Control circuit/ Control:		
• for DCImage: constraint of the second	Voltage type / of control feed voltage		DC
• initial rated valueV15• final rated valueV24Control supply voltageV5• for DC / final value for signal<0>-recognitionV5Control currentV5	Control supply voltage / 1		
• final rated valueV24Control supply voltageVFor DC / final value for signal<0>-recognitionVFor DC / final value for signal<0>-recognitionControl currentVFor DC / final value for signal<0>-recognitionVFor DC / final value for signal<0>-recognition	• for DC		
Control supply voltage     V       • for DC / final value for signal<0>-recognition     V       Control current     V	initial rated value	V	15
• for DC / final value for signal<0>-recognition V 5 Control current	final rated value	V	24
Control current	Control supply voltage		
	for DC / final value for signal<0>-recognition	V	5
• at minimum control supply voltage / for DC mA 2	Control current		
	<ul> <li>at minimum control supply voltage / for DC</li> </ul>	mA	2
• for DC / rated value mA 15	• for DC / rated value	mA	15

#### Fuse assignments:

#### https://www.automation.siemens.com/cdstatic/material/info/3RF23\_eng.pdf

# Installation/ mounting/ dimensions:

Mounting type		screw and snap-on mounting onto 35 mm standard mounting rail
Mounting type / series installation		Yes
Design of the thread / of the screw for fastening of the operating resource		M4
Tightening torque / of the screw for fastening of the operating resource	N∙m	1.5
Width	mm	22.5
Height	mm	100
Depth	mm	140.5

Design of the electrical connection / for main current circuit       spring-loaded terminals         Type of the connectable conductor cross-section	Connections/ terminals:		
• for main contactsImage: Solid </th <th>Design of the electrical connection / for main current circuit</th> <th></th> <th>spring-loaded terminals</th>	Design of the electrical connection / for main current circuit		spring-loaded terminals
<ul> <li>solid</li> <li>solid</li> <li>solid</li> <li>finely stranded</li> <li>with conductor end processing</li> <li>without conductor final cutting</li> <li>without conductor final cutting</li> <li>for AWG conductors</li> <li>for main contacts</li> <li>for auxiliary and control contacts</li> <li>for auxiliary and control contacts</li> <li>solid</li> <li>otion auxiliary and control contacts</li> <li>for auxiliary and control contacts</li> <li>solid</li> <li>otion contacts</li> <li>with conductor end processing</li> <li>single- or multi-stranded</li> <li>stranded wire</li> <li>with conductor end processing</li> <li>mm<sup>2</sup></li> <li>otion contacts</li> <li>stranded wire</li> <li>with conductor end processing</li> <li>mm<sup>2</sup></li> <li>otion contacts</li> <li>stranded wire</li> <li>with conductor end processing</li> <li>mm<sup>2</sup></li> <li>otion contacts</li> <li>stranded wire</li> <li>with conductor final cutting</li> <li>otion contacts</li> <li>stranded wire</li> <li>with otion conductor final cutting</li> <li>otion contacts</li> <li>stranded wire</li> <li>stranded wire</li> <li>stranded wire</li> <li>stranded wire</li> <li>stranded wire</li></ul>	Type of the connectable conductor cross-section		
• finely strandedImage: stranded• with conductor end processing2x (0.5 1.5 mm²)• without conductor final cutting2x (0.5 2.5 mm²)• for AWG conductors2x (0.5 2.5 mm²)• for main contacts2x (18 14)• for auxiliary and control contacts1x (AWG 20 12)• for auxiliary and control contacts0.5 1.5 mm²• solid0.5 1.5 mm²• solid0.5 2.5 mm²• with conductor end processing0.5 2.5 mm²• with conductor final cutting0.5 2.5 mm²• for main contacts10 .5 2.5 mm²• with conductor end processing0.5 2.5 mm²• for main contactsmm²• for main contacts10 .5 2.5 mm²• with conductor end processing0.5 2.5 mm²• with conductor end processing0.5 2.5 mm²• with conductor end processingmm²• with conductor final cuttingmm²• with conductor final cuttingmm² </td <td>for main contacts</td> <td></td> <td></td>	for main contacts		
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• without conductor final cutting2x (0.5 2.5 mm²)• for AWG conductors2x (0.5 2.5 mm²)• for main contacts2x (18 14)• for auxiliary and control contacts1x (AWG 20 12)• for auxiliary and control contacts0.5 1.5 mm²• solid0.5 1.5 mm²• with conductor end processing0.5 2.5 mm²• without conductor final cutting0.5 2.5 mm²• for main contacts0.5 2.5 mm²• with conductor end processing0.5 2.5 mm²• for main contactsmm²• for main contacts5 2.5 mm²• single- or multi-strandedmm²• with conductor end processingmm²• with conductor end processingmm²• with conductor end processingmm²• with conductor end processingmm²• with conductor final cuttingmm²• with conductor final cuttingmm²• with conductor end processingmm²• with conductor final cuttingmm²• with conductor final c	finely stranded		
• for AWG conductorsImage: A model of the second of the secon	<ul> <li>with conductor end processing</li> </ul>		2x (0.5 1.5 mm²)
• for main contacts2x (18 14)• for auxiliary and control contacts1x (AWG 20 12)• for auxiliary and control contacts0.5 1.5 mm²• solid0.5 1.5 mm²• finely stranded0.5 2.5 mm²• with conductor end processing0.5 2.5 mm²• without conductor final cutting0.5 2.5 mm²• for main contactsmm²• for main contactsmm²• single- or multi-strandedmm²• single- or multi-strandedmm²• with conductor end processing0.5 2.5 mm²• single- or multi-strandedmm²• single- or multi-strandedmm²• with conductor end processingmm²• with conductor end processingmm²• with conductor end processingmm²• with conductor end processingmm²• with conductor final cutting0.5 2.5	<ul> <li>without conductor final cutting</li> </ul>		2x (0.5 2.5 mm²)
• for auxiliary and control contacts1x (AWG 20 12)• for auxiliary and control contacts0.5 1.5 mm²• solid0.5 1.5 mm²• finely stranded0.5 2.5 mm²• with conductor end processing0.5 2.5 mm²• without conductor final cutting0.5 2.5 mm²Conductor cross section that can be connectedMm²• for main contactsmm²• single- or multi-strandedmm²• stranded wire0.5 2.5• with conductor end processingmm²• with conductor end processingmm²• with conductor end processingmm²• with conductor final cutting0.5 2.5	for AWG conductors		
<ul> <li>for auxiliary and control contacts</li> <li>solid</li> <li>finely stranded</li> <li>with conductor end processing</li> <li>without conductor final cutting</li> <li>Conductor cross section that can be connected</li> <li>for main contacts</li> <li>single- or multi-stranded</li> <li>stranded wire</li> <li>with conductor end processing</li> <li>with conductor end processing</li> <li>Stranded wire</li> <li>with conductor end processing</li> <li>mm<sup>2</sup></li> <li>0.5 2.5 mm<sup>2</sup></li> </ul>	for main contacts		2x (18 14)
• solid0.5 1.5 mm²• finely stranded0.5 2.5 mm²• with conductor end processing0.5 2.5 mm²• without conductor final cutting0.5 2.5 mm²Conductor cross section that can be connected0.5 2.5 mm²• for main contactsmm²• single- or multi-strandedmm²• stranded wire0.5 2.5 0.5• with conductor end processingmm²• with conductor end processingmm²• with conductor final cuttingmm²	<ul> <li>for auxiliary and control contacts</li> </ul>		1x (AWG 20 12)
• finely strandedImage: Constraint of the conductor end processing0.5 2.5 mm²• with conductor final cutting0.5 2.5 mm²• without conductor final cutting0.5 2.5 mm²• for main contactsmm²• single- or multi-strandedmm²• stranded wire0.5 2.5• with conductor end processingmm²• with conductor final cuttingmm²• with conductor final cuttingmm²• with conductor final cuttingmm²• with conductor final cuttingmm²• with out conductor final cuttingmm²	<ul> <li>for auxiliary and control contacts</li> </ul>		
• with conductor end processing0.5 2.5 mm²• without conductor final cutting0.5 2.5 mm²Conductor cross section that can be connected	• solid		0.5 1.5 mm²
• without conductor final cutting0.5 2.5 mm²Conductor cross section that can be connected0.5 2.5 mm²• for main contactsmm²0.5 2.5• single- or multi-strandedmm²0.5 2.5• stranded wiremm²0.5 0.5• with conductor end processingmm²0.5 0.5• without conductor final cuttingmm²0.5 2.5	finely stranded		
Conductor cross section that can be connectedImage: Section that can be connected• for main contactsmm²• single- or multi-strandedmm²• stranded wire0.5 2.5• with conductor end processingmm²• with conductor final cuttingmm²• without conductor final cuttingmm²	<ul> <li>with conductor end processing</li> </ul>		0.5 2.5 mm²
<ul> <li>for main contacts</li> <li>single- or multi-stranded</li> <li>stranded wire</li> <li>with conductor end processing</li> <li>without conductor final cutting</li> <li>mm<sup>2</sup></li> <li>0.5 2.5</li> </ul>	without conductor final cutting		0.5 2.5 mm²
<ul> <li>single- or multi-stranded</li> <li>stranded wire</li> <li>with conductor end processing</li> <li>without conductor final cutting</li> <li>mm<sup>2</sup></li> <li>0.5 2.5</li> </ul>	Conductor cross section that can be connected		
• stranded wire     • with conductor end processing     • without conductor final cutting     mm2     0.5 0.5	for main contacts		
• with conductor end processingmm²0.5 0.5• without conductor final cuttingmm²0.5 2.5	single- or multi-stranded	mm²	0.5 2.5
• without conductor final cutting mm <sup>2</sup> 0.5 2.5	stranded wire		
	<ul> <li>with conductor end processing</li> </ul>	mm²	0.5 0.5
for auxiliary and control contacts	without conductor final cutting	mm²	0.5 2.5
	<ul> <li>for auxiliary and control contacts</li> </ul>		
• solid mm <sup>2</sup> 0.5 1.5	• solid	mm²	0.5 1.5
stranded wire	stranded wire		
• with conductor end processing / mm <sup>2</sup> 0.5 2.5	with conductor end processing /	mm²	0.5 2.5
• without conductor final cutting mm <sup>2</sup> 0.5 2.5	without conductor final cutting	mm²	0.5 2.5

AWG number / as coded connectable conductor cross-section / for main contacts		14 18
Design of the electrical connection / for auxiliary and control current circuit		spring-loaded terminals
AWG number / as coded connectable conductor cross-section		
<ul> <li>for auxiliary and control contacts</li> </ul>		20 12
Skinning length / of the cable / for main contacts	mm	7
Skinning length / of the cable / for auxiliary and control contacts	mm	7

# Certificates/ approvals:

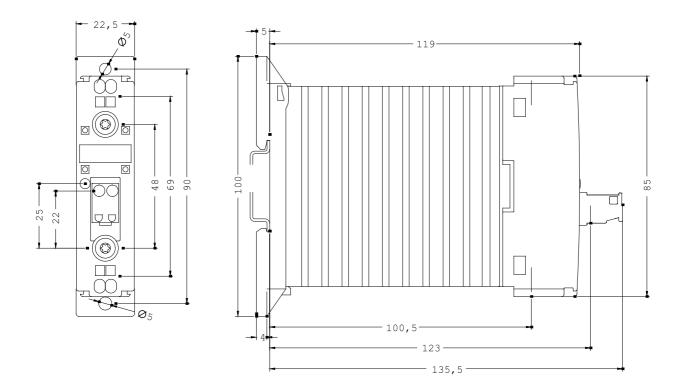
General Product	Approval		EMC	Declaration of Conformity
(SA) CSA	EAC		Стіск	EG-Konf.
Test Certificates		other		
Special Test Certificate	<u>Type Test</u> Certificates/Test <u>Report</u>	Environmental Confirmations		
Further information:				
	Oownloadcenter (Catalo			
	ne ordering system) .com/industrial-controls/n	nall		

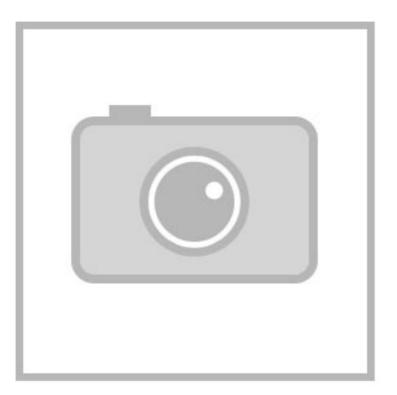
## Cax online generator

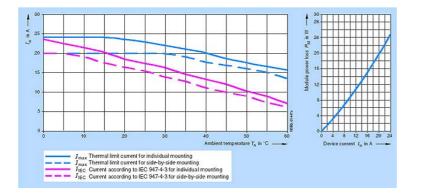
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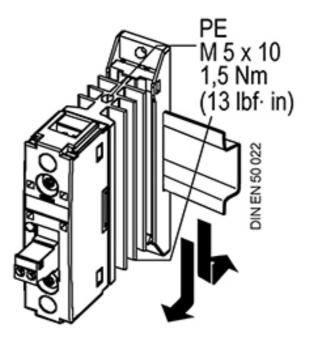
#### Service&Support (Manuals, Certificates, Characteristics, FAQs,...) http://support.automation.siemens.com/WW/view/en/3RF2320-2AA02/all

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3RF2320-2AA02









last change:

Mar 17, 2014