## **SIEMENS**

Data sheet 3RN2013-1BW30



thermistor motor protection relay standard evaluation unit 22.5 mm enclosure screw terminal 2 changeover contacts Us = 24 V-240 V AC/DC manual/auto/remote RESET with ATEX approval 2 LEDs (ready/tripped) safe electrical isolation test/RESET button wire-break monitoring short-circuit monitoring non-volatile

and direct broad many	CIDILIC
product brand name	SIRIUS
product category	SIRIUS 3RN2 thermistor motor protection
product designation	Thermistor motor protection relay
design of the product	Standard evaluation unit with ATEX approval, open-circuit and short-circuit detection in the sensor circuit, safe disconnection, non-volatile
product type designation	3RN2
General technical data	
product function	thermistor motor protection
display version LED	Yes
power loss [W] for rated value of the current	
<ul> <li>at AC in hot operating state</li> </ul>	1.7 W
<ul> <li>at DC in hot operating state</li> </ul>	1.7 W
insulation voltage for overvoltage category III according to IEC 60664 with degree of pollution 3 rated value	300 V
degree of pollution	3
surge voltage resistance rated value	6 kV
maximum permissible voltage for protective separation	
<ul> <li>between auxiliary and auxiliary circuit</li> </ul>	300 V
<ul> <li>between control and auxiliary circuit</li> </ul>	300 V
shock resistance according to IEC 60068-2-27	11g / 15 ms
vibration resistance according to IEC 60068-2-6	10 55 Hz: 0.35 mm
mechanical service life (operating cycles) typical	10 000 000
electrical endurance (operating cycles) at AC-15 at 230 V typical	100 000
thermal current of the switching element with contacts maximum	5 A
reference code according to IEC 81346-2	К
Substance Prohibitance (Date)	05/28/2009
SVHC substance name	Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol - 119-47-1
Weight	0.182 kg
Product Function	
product function	
• error memory	Yes
<ul> <li>dynamic open-circuit detection</li> </ul>	Yes
external reset	Yes
• auto-RESET	Yes
• manual RESET	Yes
Control circuit/ Control	
type of voltage of the control supply voltage	AC/DC
control supply voltage at AC	

a at EO Hz rotad value	24 240 \/
at 50 Hz rated value     at 60 Hz rated value	24 240 V
at 60 Hz rated value  control cumply voltage at DC rated value.	24 240 V
control supply voltage at DC rated value	24 240 V
operating range factor control supply voltage rated value at DC	
• initial value	0.85
• full-scale value	1.1
operating range factor control supply voltage rated value at AC at 50 Hz	
initial value	0.85
full-scale value	1.1
operating range factor control supply voltage rated value at AC at 60 Hz	
initial value	0.85
full-scale value	1.1
inrush current peak	
● at 24 V	0.7 A
• at 240 V	12 A
duration of inrush current peak	
• at 24 V	0.25 ms
• at 240 V	0.2 ms
Measuring circuit	
buffering time in the event of power failure minimum	40 ms
Precision	
relative metering precision	2 %
Auxiliary circuit	
material of switching contacts	AgSnO2
number of NC contacts for auxiliary contacts	0
number of NO contacts for auxiliary contacts	0
number of CO contacts for auxiliary contacts	2
operational current of auxiliary contacts at DC-13	
• at 24 V	1 A
• at 125 V	0.2 A
• at 250 V	0.1 A
Main circuit	
operating frequency rated value	50 60 Hz
ampacity of the output relay at AC-15 at 250 V at 50/60 Hz	3 A
ampacity of the output relay at DC-13	
ampacity of the output relay at DC-13  • at 24 V	1.A
• at 24 V • at 125 V	0.2 A
• at 24 V	
at 24 V     at 125 V  continuous current of the DIAZED fuse link of the output	0.2 A
at 24 V     at 125 V  continuous current of the DIAZED fuse link of the output relay	0.2 A
at 24 V     at 125 V  continuous current of the DIAZED fuse link of the output relay  Electromagnetic compatibility	0.2 A
at 24 V     at 125 V  continuous current of the DIAZED fuse link of the output relay  Electromagnetic compatibility  conducted interference	0.2 A 6 A
at 24 V  at 125 V  continuous current of the DIAZED fuse link of the output relay  Electromagnetic compatibility  conducted interference  at due to burst according to IEC 61000-4-4	0.2 A 6 A  2 kV (power ports) / 1 kV (signal ports)
at 24 V  at 125 V  continuous current of the DIAZED fuse link of the output relay  Electromagnetic compatibility  conducted interference  at due to burst according to IEC 61000-4-4  at due to conductor-earth surge according to IEC 61000-4-5  at due to conductor-conductor surge according to IEC	0.2 A 6 A  2 kV (power ports) / 1 kV (signal ports) 2 kV (line to ground)
at 24 V  at 125 V  continuous current of the DIAZED fuse link of the output relay  Electromagnetic compatibility  conducted interference  at due to burst according to IEC 61000-4-4  at due to conductor-earth surge according to IEC 61000-4-5  at due to conductor-conductor surge according to IEC 61000-4-5	0.2 A 6 A  2 kV (power ports) / 1 kV (signal ports) 2 kV (line to ground) 1 kV (line to line)
at 24 V  at 125 V  continuous current of the DIAZED fuse link of the output relay  Electromagnetic compatibility  conducted interference  at due to burst according to IEC 61000-4-4  at due to conductor-earth surge according to IEC 61000-4-5  at due to conductor-conductor surge according to IEC 61000-4-5  electrostatic discharge according to IEC 61000-4-2	0.2 A 6 A  2 kV (power ports) / 1 kV (signal ports) 2 kV (line to ground) 1 kV (line to line)
at 24 V  at 125 V  continuous current of the DIAZED fuse link of the output relay  Electromagnetic compatibility  conducted interference  at the due to burst according to IEC 61000-4-4  at the due to conductor-earth surge according to IEC 61000-4-5  at the due to conductor-conductor surge according to IEC 61000-4-5  electrostatic discharge according to IEC 61000-4-2  Galvanic isolation	0.2 A 6 A  2 kV (power ports) / 1 kV (signal ports) 2 kV (line to ground) 1 kV (line to line)  6 kV contact discharge / 8 kV air discharge
at 24 V  at 125 V  continuous current of the DIAZED fuse link of the output relay  Electromagnetic compatibility  conducted interference  at due to burst according to IEC 61000-4-4  at due to conductor-earth surge according to IEC 61000-4-5  at due to conductor-conductor surge according to IEC 61000-4-5  electrostatic discharge according to IEC 61000-4-2  Galvanic isolation  design of the electrical isolation	0.2 A 6 A  2 kV (power ports) / 1 kV (signal ports) 2 kV (line to ground) 1 kV (line to line)  6 kV contact discharge / 8 kV air discharge
at 24 V  at 125 V  continuous current of the DIAZED fuse link of the output relay  Electromagnetic compatibility  conducted interference  at due to burst according to IEC 61000-4-4  at due to conductor-earth surge according to IEC 61000-4-5  at due to conductor-conductor surge according to IEC 61000-4-5  electrostatic discharge according to IEC 61000-4-2  Galvanic isolation  design of the electrical isolation  galvanic isolation	0.2 A 6 A  2 kV (power ports) / 1 kV (signal ports) 2 kV (line to ground) 1 kV (line to line)  6 kV contact discharge / 8 kV air discharge
at 24 V  at 125 V  continuous current of the DIAZED fuse link of the output relay  Electromagnetic compatibility  conducted interference  at due to burst according to IEC 61000-4-4  at due to conductor-earth surge according to IEC 61000-4-5  at due to conductor-conductor surge according to IEC 61000-4-5  at due to conductor-conductor surge according to IEC 61000-4-5  electrostatic discharge according to IEC 61000-4-2  Galvanic isolation  design of the electrical isolation  galvanic isolation  between input and output	0.2 A 6 A  2 kV (power ports) / 1 kV (signal ports) 2 kV (line to ground) 1 kV (line to line)  6 kV contact discharge / 8 kV air discharge  Protective separation  Yes
at 24 V at 125 V  continuous current of the DIAZED fuse link of the output relay  Electromagnetic compatibility  conducted interference due to burst according to IEC 61000-4-4 due to conductor-earth surge according to IEC 61000-4-5 due to conductor-conductor surge according to IEC 61000-4-5 electrostatic discharge according to IEC 61000-4-2  Galvanic isolation  design of the electrical isolation galvanic isolation between input and output between the outputs	0.2 A 6 A  2 kV (power ports) / 1 kV (signal ports) 2 kV (line to ground) 1 kV (line to line)  6 kV contact discharge / 8 kV air discharge  Protective separation  Yes Yes
at 24 V at 125 V  continuous current of the DIAZED fuse link of the output relay  Electromagnetic compatibility  conducted interference  due to burst according to IEC 61000-4-4 due to conductor-earth surge according to IEC 61000-4-5 due to conductor-conductor surge according to IEC 61000-4-5 electrostatic discharge according to IEC 61000-4-2  Galvanic isolation  design of the electrical isolation galvanic isolation  between input and output between the outputs between the voltage supply and other circuits	0.2 A 6 A  2 kV (power ports) / 1 kV (signal ports) 2 kV (line to ground) 1 kV (line to line)  6 kV contact discharge / 8 kV air discharge  Protective separation  Yes Yes
at 24 V at 125 V  continuous current of the DIAZED fuse link of the output relay  Electromagnetic compatibility  conducted interference  at due to burst according to IEC 61000-4-4 at due to conductor-earth surge according to IEC 61000-4-5 at due to conductor-conductor surge according to IEC 61000-4-5 at due to conductor-conductor surge according to IEC 61000-4-5 at due to conductor-conductor surge according to IEC 61000-4-2  Galvanic isolation  design of the electrical isolation galvanic isolation  between input and output between the outputs between the voltage supply and other circuits  Safety related data failure rate [FIT] at rate of recognizable hazardous failures	0.2 A 6 A  2 kV (power ports) / 1 kV (signal ports) 2 kV (line to ground) 1 kV (line to line)  6 kV contact discharge / 8 kV air discharge  Protective separation  Yes Yes Yes
at 24 V  at 125 V  continuous current of the DIAZED fuse link of the output relay  Electromagnetic compatibility  conducted interference  at due to burst according to IEC 61000-4-4  at due to conductor-earth surge according to IEC 61000-4-5  at due to conductor-conductor surge according to IEC 61000-4-5  at due to conductor-conductor surge according to IEC 61000-4-5  at due to conductor-conductor surge according to IEC 61000-4-2  Galvanic isolation  design of the electrical isolation  alvanic isolation  between input and output  between the outputs  between the voltage supply and other circuits  Safety related data  failure rate [FIT] at rate of recognizable hazardous failures (Add)  failure rate [FIT] at rate of non-recognizable hazardous	0.2 A 6 A  2 kV (power ports) / 1 kV (signal ports) 2 kV (line to ground) 1 kV (line to line)  6 kV contact discharge / 8 kV air discharge  Protective separation  Yes Yes Yes Yes
<ul> <li>at 24 V</li> <li>at 125 V</li> <li>continuous current of the DIAZED fuse link of the output relay</li> <li>Electromagnetic compatibility</li> <li>conducted interference</li> <li>due to burst according to IEC 61000-4-4</li> <li>due to conductor-earth surge according to IEC 61000-4-5</li> <li>due to conductor-conductor surge according to IEC 61000-4-5</li> <li>electrostatic discharge according to IEC 61000-4-2</li> <li>Galvanic isolation</li> <li>design of the electrical isolation</li> <li>galvanic isolation</li> <li>between input and output</li> <li>between the outputs</li> <li>between the voltage supply and other circuits</li> <li>Safety related data</li> <li>failure rate [FIT] at rate of recognizable hazardous failures (λdd)</li> <li>failure rate [FIT] at rate of non-recognizable hazardous failures (λdu)</li> </ul>	0.2 A 6 A  2 kV (power ports) / 1 kV (signal ports) 2 kV (line to ground) 1 kV (line to line)  6 kV contact discharge / 8 kV air discharge  Protective separation  Yes Yes Yes Yes 1.8 E-8 1/h 3.08E-7 1/h

MTTFd	303 a
IEC 62061	
Safety Integrity Level (SIL) according to IEC 62061	SIL 1
PFHD with high demand rate according to IEC 62061	3.76E-7 1/h
ISO 13849	
performance level (PL) according to EN ISO 13849-1	PL c
category according to EN ISO 13849-1	1
performance level (PL) according to ISO 13849-1	PL c
IEC 61508	
Safety Integrity Level (SIL) according to IEC 61508	1
safety device type according to IEC 61508-2	Type B
PFDavg with low demand rate according to IEC 61508	0.0041
Safe failure fraction (SFF)	74 %
hardware fault tolerance according to IEC 61508	0
T1 value for proof test interval or service life according to IEC 61508	3 a
Connections/ Terminals	
product component removable terminal for auxiliary and	Yes
control circuit	
type of electrical connection	screw terminal
<ul> <li>for auxiliary and control circuit</li> </ul>	screw-type terminals
type of connectable conductor cross-sections	
• solid	1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²)
<ul> <li>finely stranded with core end processing</li> </ul>	1x (0.5 4 mm²), 2x (0.5 1.5 mm²)
• for AWG cables solid	1x (20 12), 2x (20 14)
connectable conductor cross-section	
• solid	0.5 4 mm²
<ul> <li>finely stranded with core end processing</li> </ul>	0.5 4 mm²
AWG number as coded connectable conductor cross section	
<ul><li>solid</li></ul>	20 12
• stranded	20 12
tightening torque with screw-type terminals	20 12 0.6 0.8 N·m
tightening torque with screw-type terminals	
tightening torque with screw-type terminals Installation/ mounting/ dimensions	0.6 0.8 N·m
tightening torque with screw-type terminals Installation/ mounting/ dimensions mounting position	0.6 0.8 N·m any
tightening torque with screw-type terminals Installation/ mounting/ dimensions mounting position fastening method	0.6 0.8 N·m  any screw and snap-on mounting onto 35 mm DIN rail
tightening torque with screw-type terminals  Installation/ mounting/ dimensions  mounting position  fastening method height	0.6 0.8 N·m  any screw and snap-on mounting onto 35 mm DIN rail 100 mm
tightening torque with screw-type terminals  Installation/ mounting/ dimensions  mounting position fastening method height width	any screw and snap-on mounting onto 35 mm DIN rail 100 mm 22.5 mm
tightening torque with screw-type terminals Installation/ mounting/ dimensions mounting position fastening method height width depth	any screw and snap-on mounting onto 35 mm DIN rail 100 mm 22.5 mm
tightening torque with screw-type terminals  Installation/ mounting/ dimensions  mounting position fastening method height width depth required spacing	any screw and snap-on mounting onto 35 mm DIN rail 100 mm 22.5 mm
tightening torque with screw-type terminals  Installation/ mounting/ dimensions  mounting position  fastening method  height  width  depth  required spacing  • with side-by-side mounting	any screw and snap-on mounting onto 35 mm DIN rail 100 mm 22.5 mm 90 mm
tightening torque with screw-type terminals  Installation/ mounting/ dimensions  mounting position fastening method height width depth required spacing  • with side-by-side mounting — forwards	any screw and snap-on mounting onto 35 mm DIN rail 100 mm 22.5 mm 90 mm
tightening torque with screw-type terminals  Installation/ mounting/ dimensions  mounting position fastening method height width depth required spacing  • with side-by-side mounting — forwards — backwards	any screw and snap-on mounting onto 35 mm DIN rail 100 mm 22.5 mm 90 mm 0 mm
tightening torque with screw-type terminals  Installation/ mounting/ dimensions  mounting position fastening method height width depth required spacing  • with side-by-side mounting — forwards — backwards — upwards	any screw and snap-on mounting onto 35 mm DIN rail 100 mm 22.5 mm 90 mm 0 mm 0 mm
tightening torque with screw-type terminals  Installation/ mounting/ dimensions  mounting position fastening method height width depth required spacing  • with side-by-side mounting — forwards — backwards — upwards — downwards	any screw and snap-on mounting onto 35 mm DIN rail 100 mm 22.5 mm 90 mm  0 mm 0 mm 0 mm 0 mm
tightening torque with screw-type terminals  Installation/ mounting/ dimensions  mounting position  fastening method  height  width  depth  required spacing  • with side-by-side mounting  — forwards  — backwards  — upwards  — downwards  — at the side	any screw and snap-on mounting onto 35 mm DIN rail 100 mm 22.5 mm 90 mm  0 mm 0 mm 0 mm 0 mm
tightening torque with screw-type terminals  Installation/ mounting/ dimensions  mounting position  fastening method  height  width  depth  required spacing  • with side-by-side mounting  — forwards  — backwards  — upwards  — downwards  — at the side  • for grounded parts	any screw and snap-on mounting onto 35 mm DIN rail 100 mm 22.5 mm 90 mm  0 mm 0 mm 0 mm 0 mm 0 mm 0 mm
tightening torque with screw-type terminals  Installation/ mounting/ dimensions  mounting position fastening method height width depth required spacing  • with side-by-side mounting — forwards — backwards — upwards — downwards — at the side • for grounded parts — forwards	any screw and snap-on mounting onto 35 mm DIN rail 100 mm 22.5 mm 90 mm  0 mm 0 mm 0 mm 0 mm 0 mm 0 mm
tightening torque with screw-type terminals  Installation/ mounting/ dimensions  mounting position fastening method height width depth required spacing  • with side-by-side mounting — forwards — backwards — upwards — downwards — at the side • for grounded parts — forwards — backwards — backwards — at the side	any screw and snap-on mounting onto 35 mm DIN rail 100 mm 22.5 mm 90 mm  0 mm 0 mm 0 mm 0 mm 0 mm 0 mm
tightening torque with screw-type terminals  Installation/ mounting/ dimensions  mounting position  fastening method  height  width  depth  required spacing  • with side-by-side mounting  — forwards  — backwards  — upwards  — downwards  — at the side  • for grounded parts  — forwards  — backwards  — upwards  — upwards  — torwards  — at the side  • for grounded parts  — forwards  — backwards  — upwards	any screw and snap-on mounting onto 35 mm DIN rail 100 mm 22.5 mm 90 mm 0 mm 0 mm 0 mm 0 mm 0 mm 0 mm
tightening torque with screw-type terminals  Installation/ mounting/ dimensions  mounting position  fastening method  height  width  depth  required spacing  • with side-by-side mounting  — forwards  — backwards  — upwards  — downwards  — at the side  • for grounded parts  — forwards  — backwards  — at the side  • to grounded parts  — torwards  — backwards  — upwards  — at the side  • at the side  • at the side	any screw and snap-on mounting onto 35 mm DIN rail 100 mm 22.5 mm 90 mm  0 mm 0 mm 0 mm 0 mm 0 mm 0 mm
tightening torque with screw-type terminals  Installation/ mounting/ dimensions  mounting position  fastening method  height  width  depth  required spacing  • with side-by-side mounting  — forwards  — backwards  — upwards  — downwards  — at the side  • for grounded parts  — forwards  — backwards  — at the side  • at the side  — downwards  — upwards  — at the side  — downwards	any screw and snap-on mounting onto 35 mm DIN rail 100 mm 22.5 mm 90 mm  0 mm 0 mm 0 mm 0 mm 0 mm 0 mm
tightening torque with screw-type terminals  Installation/ mounting/ dimensions  mounting position  fastening method  height  width  depth  required spacing  • with side-by-side mounting  — forwards  — backwards  — upwards  — downwards  — at the side  • for grounded parts  — forwards  — backwards  — upwards  — at the side  • for grounded parts  — forwards  — backwards  — upwards  — backwards  — upwards  — at the side  — downwards  — at the side  — downwards	any screw and snap-on mounting onto 35 mm DIN rail  100 mm  22.5 mm  90 mm  0 mm 0 mm 0 mm 0 mm 0 mm 0 m
tightening torque with screw-type terminals  Installation/ mounting/ dimensions  mounting position  fastening method  height  width  depth  required spacing  • with side-by-side mounting  — forwards  — backwards  — upwards  — downwards  — at the side  • for grounded parts  — forwards  — backwards  — upwards  — at the side  • for grounded parts  — forwards  — backwards  — upwards  — backwards  — upwards  — at the side  — downwards  — at the side  — downwards  • for live parts  — forwards	any screw and snap-on mounting onto 35 mm DIN rail 100 mm 22.5 mm 90 mm 0 mm 0 mm 0 mm 0 mm 0 mm 0 mm
tightening torque with screw-type terminals  Installation/ mounting/ dimensions  mounting position fastening method height width depth required spacing  • with side-by-side mounting — forwards — backwards — upwards — downwards — at the side  • for grounded parts — forwards — backwards — upwards — at the side • for grounded parts — forwards — backwards — upwards — backwards — upwards — of powards — at the side — downwards — at the side — downwards • for live parts — forwards — backwards — backwards	any screw and snap-on mounting onto 35 mm DIN rail 100 mm 22.5 mm 90 mm  0 mm 0 mm 0 mm 0 mm 0 mm 0 mm
tightening torque with screw-type terminals  Installation/ mounting/ dimensions  mounting position  fastening method height width  depth  required spacing  • with side-by-side mounting  — forwards  — backwards  — upwards  — downwards  — at the side  • for grounded parts  — forwards  — backwards  — upwards  — at the side  • for grounded parts  — forwards  — backwards  — upwards  — backwards  — upwards  — at the side  — downwards  • for live parts  — forwards  — backwards  — downwards  • for live parts  — forwards  — backwards  — upwards  — backwards  — upwards	any screw and snap-on mounting onto 35 mm DIN rail  100 mm  22.5 mm  90 mm  0 mm 0 mm 0 mm 0 mm 0 mm 0 m
tightening torque with screw-type terminals  Installation/ mounting/ dimensions  mounting position  fastening method  height  width  depth  required spacing  • with side-by-side mounting  — forwards  — backwards  — upwards  — downwards  — at the side  • for grounded parts  — forwards  — backwards  — upwards  — at the side  • for grounded parts  — forwards  — backwards  — upwards  — at the side  — downwards  — at the side  — downwards  — at the side  — downwards  • for live parts  — forwards  — backwards  — upwards  — backwards  — upwards  — downwards  • for lowerds  — backwards  — backwards  — backwards  — backwards  — downwards  — downwards	any screw and snap-on mounting onto 35 mm DIN rail  100 mm  22.5 mm  90 mm  0 mm 0 mm 0 mm 0 mm 0 mm 0 m
tightening torque with screw-type terminals  Installation/ mounting/ dimensions  mounting position  fastening method  height  width  depth  required spacing  • with side-by-side mounting  — forwards  — backwards — upwards  — downwards — at the side  • for grounded parts — forwards — backwards — upwards — at the side — downwards  • for live parts — forwards — backwards — upwards — downwards — backwards — upwards — downwards — backwards — upwards — backwards — upwards — backwards — upwards — backwards — upwards — at the side	any screw and snap-on mounting onto 35 mm DIN rail  100 mm  22.5 mm  90 mm  0 mm 0 mm 0 mm 0 mm 0 mm 0 m
tightening torque with screw-type terminals  Installation/ mounting/ dimensions  mounting position  fastening method  height  width  depth  required spacing  • with side-by-side mounting  — forwards  — backwards  — upwards  — downwards  — at the side  • for grounded parts  — forwards  — backwards  — upwards  — backwards  — torwards  — backwards  — upwards  — backwards  — upwards  — at the side  — downwards  • for live parts  — forwards  — backwards  — upwards  — at the side  — downwards  — backwards  — upwards  — at the side  Ambient conditions	any screw and snap-on mounting onto 35 mm DIN rail  100 mm 22.5 mm 90 mm  0 mm 0 mm 0 mm 0 mm 0 mm 0 mm

during operation	-25 +60 °C
<ul> <li>during storage</li> </ul>	-40 +85 °C
during transport	-40 +85 °C
relative humidity during operation maximum	70 %
explosion protection category for dust	[Ex t] [Ex p]
explosion protection category for gas	[Ex e] [Ex d] [Ex px]

Approvals Certificates

**General Product Approval** 

EMV













For use in hazardous locations

**Test Certificates** 

Marine / Shipping





Type Test Certificates/Test Report







other

Environment

Confirmation

Environmental Confirmations

## Further information

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

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

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RN2013-1BW30

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RN2013-1BW30

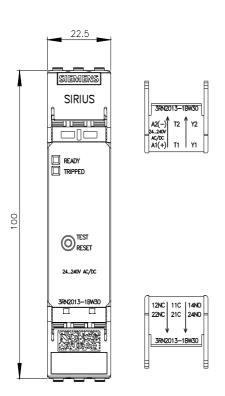
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3RN2013-1BW30

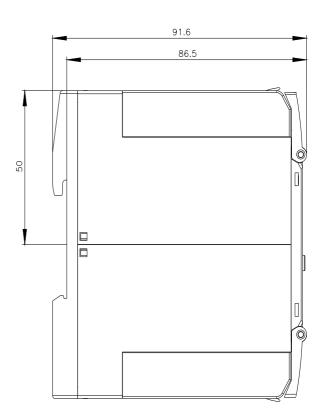
 $Image\ database\ (product\ images,\ 2D\ dimension\ drawings,\ 3D\ models,\ device\ circuit\ diagrams,\ EPLAN\ macros,\ ...)$ 

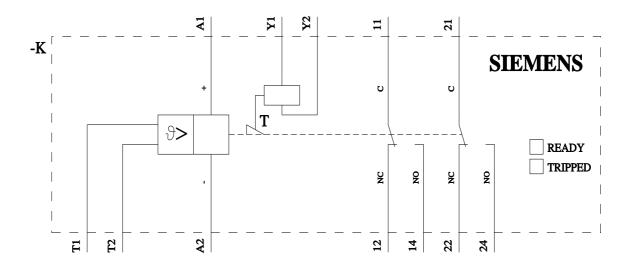
 $\underline{\text{http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RN2013-1BW30\&lang=en}}$ 

**Characteristic: Derating** 

https://support.industry.siemens.com/cs/ww/en/ps/3RN2013-1BW30/manual







last modified: 4/17/2025 🖸

