## **SIEMENS**

Data sheet 3RB3143-4UW1



Overload relay 12.5...50 A Electronic For motor protection Size S3, Class 5E...30E Stand-alone installation Main circuit: Straight-through transformer Auxiliary circuit: Screw Manual-Automatic-Reset

product type designation grouted type designation grouted type designation size of overload relay size of overload relay size of overload relay size of contactor can be combined company-specific size of overload relay size of contactor can be combined company-specific power loss [W] for rated value of the current at AC in hot operating state per pole 0.07 W insulation voitage with degree of pollution 3 at AC rated value surge voitage resistance rated value in networks with ungrounded star point between auxiliary and auxiliary circuit in networks with grounded star point between auxiliary and auxiliary circuit in networks with grounded star point between main and auxiliary circuit in networks with grounded star point between main and auxiliary circuit in networks with grounded star point between main and auxiliary circuit in networks with grounded star point between main and auxiliary circuit in networks with grounded star point between main and auxiliary circuit in networks with grounded star point between main and auxiliary circuit in networks with grounded star point between main and auxiliary circuit in networks with grounded star point between main and auxiliary circuit in networks with grounded star point between main and auxiliary circuit in networks with grounded star point between main and auxiliary circuit in networks with grounded star point between main and auxiliary circuit in networks with grounded star point between main and auxiliary circuit in networks with grounded star point between main and auxiliary circuit in networks with grounded star point between main and auxiliary circuit in networks with grounded star point between main and auxiliary circuit in networks with grounded star point between main and auxiliary circuit in networks with grounded star point between main and auxiliary circuit in networks with grounded star point between auxiliary and with grounded star point between au	product brand name	SIRIUS
Size of overload relay  size of contactor can be combined company-specific  power loss [VI] for rated value of the current at AC in hot operating state  • per pole  • per pole  insulation voltage with degree of pollution 3 at AC rated value  surge voltage resistance rated value  * in networks with ungrounded star point between auxiliary and auxiliary circuit  • in networks with grounded star point between auxiliary and auxiliary circuit  • in networks with grounded star point between main and auxiliary circuit  • in networks with grounded star point between main and auxiliary circuit  • in networks with grounded star point between main and auxiliary circuit  • in networks with grounded star point between main and auxiliary circuit  • in networks with grounded star point between main and auxiliary circuit  • in networks with grounded star point between main and auxiliary circuit  • in networks with grounded star point between main and auxiliary circuit  • blook resistance  • a coording to IEC 60068-2-27  thermal current  50 A  reference code according to IEC 81346-2  F  Substance Prohibitance (Date)  030/1/2017  SVHC substance name  Lead - 7439-92-1  Lead - 7439-92-1  Lead monoxide (lead oxide) - 1317-36-8  Weight  225 g  Ambient conditions  installation altitude at height above sea level maximum  • during operation  • during pransport  • during pransport  • during transport  • during transport  temperature compensation  relative humidity during operation  10 95 %  Main circuit  number of poles for main current circuit  adjustable current response value current of the current-dependent overload release  operating voltage	product designation	solid-state overload relay
size of ovarload relay size of contactor can be combined company-specific S3 power loss IVI for rated value of the current at AC in hot operating state  • per pole insulation voltage with degree of pollution 3 at AC rated value  • per pole insulation voltage with degree of pollution 3 at AC rated value  maximum permissible voltage for protective separation • in networks with ungrounded star point between auxiliary and auxiliary circuit • in networks with grounded star point between auxiliary and auxiliary circuit • in networks with grounded star point between main and auxiliary circuit • in networks with grounded star point between main and auxiliary circuit • in networks with grounded star point between main and auxiliary circuit • in networks with grounded star point between main and auxiliary circuit • in networks with grounded star point between main and auxiliary circuit • shock resistance • according to IEC 60068-2-27  thermal current 50 A  reference code according to IEC 81348-2  F Substance Prohibitance (Date)  30301/2017  SVHC substance name  Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8  225 g  Ambient conditions installation altitude at height above sea level maximum ambient temperature • during operation • during storage • during transport 40 +80 °C 40 +80 °C 40 +80 °C relative humidity during operation 10 95 %  Main circuit number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage	product type designation	3RB3
size of contactor can be combined company-specific power loss [W] for rated value of the current at AC in hot operating state  • per pole  insulation voltage with degree of pollution 3 at AC rated value  ### 1000 V  surge voltage resistance rated value  ### 1000 V  surge voltage resistance rated value  ### 1000 V  ##	General technical data	
power loss [W] for rated value of the current at AC in hot operating state  • per pole  insulation voltage with degree of pollution 3 at AC rated value  surge voltage resistance rated value  maximum permissible voltage for protective separation  • in networks with ungrounded star point between auxiliary and auxiliary circuit  • in networks with grounded star point between maxiliary and auxiliary circuit  • in networks with ungrounded star point between main and auxiliary circuit  • in networks with grounded star point between main and auxiliary circuit  • in networks with grounded star point between main and auxiliary circuit  • in networks with grounded star point between main and auxiliary circuit  • in networks with grounded star point between main and auxiliary circuit  • shock resistance  • according to IEC 60068-2-27  thermal current  reference code according to IEC 81346-2  Full substance Prohibitance (Date)  SyHC substance Prohibitance (Date)  SyHC substance name  Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8  Weight  225 g  Ambient conditions  installation altitude at height above sea level maximum  aduring storage  • during peration  • during storage  • during storage  • during transport  temperature compensation  -25 +60 °C  temperature compensation  -25 +60 °C  temperature response value current of the current-dependent overload release  operating voltage	size of overload relay	S3
operating state  • per pole  insulation voltage with degree of pollution 3 at AC rated value  surge voltage resistance rated value  maximum permissible voltage for protective separation  • in networks with ungrounded star point between auxiliary and auxiliary circuit  • in networks with grounded star point between main and auxiliary circuit  • in networks with grounded star point between main and auxiliary circuit  • in networks with grounded star point between main and auxiliary circuit  • in networks with grounded star point between main and auxiliary circuit  shock resistance  • according to IEC 60068-2-27  thermal current  fon A  reference code according to IEC 81346-2  F  Substance Prohibitance (Date)  SVHC substance name  Lead r7439-92-1  Lead r7439-92-1  Lead monoxide (lead oxide) - 1317-36-8  Weight  225 g  Ambient conditions  installation altitude at height above sea level maximum  ambient temperature  • during operation  • during storage  • during transport  temperature compensation  10 95 %  Main circuit  number of poles for main current circuit  adjustable current response value current of the current-dependent voorload release  operating voltage	size of contactor can be combined company-specific	S3
insulation voltage with degree of pollution 3 at AC rated value  surge voltage resistance rated value  maximum permissible voltage for protective separation  in networks with ungrounded star point between auxiliary and auxiliary circuit  in networks with grounded star point between auxiliary and auxiliary circuit  in networks with grounded star point between main and auxiliary circuit  in networks with grounded star point between main and auxiliary circuit  in networks with grounded star point between main and auxiliary circuit  in networks with grounded star point between main and auxiliary circuit  in networks with grounded star point between main and auxiliary circuit  in networks with grounded star point between main and auxiliary circuit  in networks with grounded star point between main and auxiliary circuit  in networks with grounded star point between main and auxiliary circuit  in networks with grounded star point between main and auxiliary circuit  in networks with grounded star point between main and auxiliary circuit  in networks with grounded star point between main and auxiliary circuit  in networks with grounded star point between main and auxiliary circuit  in networks with grounded star point between auxiliary and grounded star point between main and auxiliary circuit  in networks with grounded star point between main and auxiliary circuit  in networks with grounded star point between auxiliary and grounded star point between main and auxiliary circuit  in networks with ungrounded star point between main and auxiliary circuit  in networks with ungrounded star point between main and auxiliary circuit  in networks with grounded star point between main and auxiliary and grounded star point between main and auxiliary and grounded star point between main and auxiliary circuit auxiliary and grounded star point between main and auxiliary and grounded		0.2 W
surge voltage resistance rated value maximum permissible voltage for protective separation  • in networks with ungrounded star point between auxiliary and auxiliary circuit  • in networks with grounded star point between auxiliary and auxiliary circuit  • in networks with ungrounded star point between main and auxiliary circuit  • in networks with ungrounded star point between main and auxiliary circuit  • in networks with grounded star point between main and auxiliary circuit  • in networks with grounded star point between main and auxiliary circuit  • in networks with grounded star point between main and auxiliary circuit  • in networks with grounded star point between main and auxiliary circuit  • according to IEC 60068-2-27  • 15g / 11 ms  • secording to IEC 60068-2-27  • 15g / 11 ms, Signaling contact 97 / 98 in position "Tripped": 8g / 11 ms  • thermal current  • 50 A  reference code according to IEC 81346-2  F  Substance Prohibitance (Date)  30/10/2017  SVHC substance name  Lead - 7439-92-1  Lead monoxide (lead oxide) - 1317-36-8  Weight  225 g  Ambient conditions  installation altitude at height above sea level maximum  ambient temperature  • during operation  • during poration  • during storage  • during transport  • during storage  • during transport  • du	• per pole	0.07 W
maximum permissible voltage for protective separation  ● in networks with ungrounded star point between auxiliary and auxiliary circuit  ● in networks with grounded star point between main and auxiliary circuit  ● in networks with ungrounded star point between main and auxiliary circuit  ● in networks with grounded star point between main and auxiliary circuit  ● in networks with grounded star point between main and auxiliary circuit  ● in networks with grounded star point between main and auxiliary circuit  shock resistance  ● 8g / 11 ms  ● according to IEC 60068-2-27  15g / 11 ms; Signaling contact 97 / 98 in position "Tripped": 8g / 11 ms  thermal current  reference code according to IEC 81346-2  F  Substance Prohibitance (Date)  SVHC substance name  Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8  Weight  225 g  Ambient conditions  installation altitude at height above sea level maximum  ambient temperature  • during operation  • during preastion  • during transport  temperature compensation  -25 +60 °C  • during transport  temperature compensation  -25 +60 °C  relative humidity during operation  10 95 %  Main circuit  number of poles for main current circuit  adjustable current response value current of the current-dependent overload release  operating voltage	insulation voltage with degree of pollution 3 at AC rated value	1 000 V
in networks with ungrounded star point between auxiliary and auxiliary circuit in networks with grounded star point between auxiliary and auxiliary circuit in networks with ungrounded star point between main and auxiliary circuit in networks with grounded star point between main and auxiliary circuit in networks with grounded star point between main and auxiliary circuit shock resistance in networks with grounded star point between main and auxiliary circuit shock resistance in networks with grounded star point between main and auxiliary circuit shock resistance in networks with grounded star point between main and auxiliary circuit shock resistance in networks with grounded star point between main and auxiliary circuit shock resistance in networks with ungrounded star point between main and auxiliary circuit shock resistance in networks with ungrounded star point between main and auxiliary circuit shock resistance in networks with ungrounded star point between main and auxiliary circuit shock resistance in networks with ungrounded star point between main and auxiliary circuit shock resistance in networks with ungrounded star point between main and auxiliary circuit shock resistance in networks with ungrounded star point between main and auxiliary circuit shock resistance in networks with ungrounded star point between main and auxiliary circuit shock resistance in networks with ungrounded star point between main and auxiliary circuit shock resistance in networks with ungrounded star point between main and auxiliary circuit shock resistance in networks with ungrounded star point between main and auxiliary auxiliary should auxiliary circuit shock resistance in networks with grounded star point between main and auxiliary should s	surge voltage resistance rated value	8 kV
and auxiliary circuit  in networks with grounded star point between auxiliary and auxiliary circuit  in networks with ungrounded star point between main and auxiliary circuit  in networks with grounded star point between main and auxiliary circuit  in networks with grounded star point between main and auxiliary circuit  shock resistance  according to IEC 60068-2-27  15g / 11 ms; Signaling contact 97 / 98 in position "Tripped": 8g / 11 ms  thermal current  50 A  reference code according to IEC 81346-2  F Substance Prohibitance (Date)  30/01/2017  SVHC substance name  Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8  Weight  225 g  Ambient conditions  installation altitude at height above sea level maximum  ambient temperature  oluring operation  -25 +60 °C  oluring transport  temperature compensation  relative humidity during operation  10 +80 °C  temperature compensation  relative humidity during operation  10 +95 %  Main circuit  number of poles for main current circuit  adjustable current response value current of the current-dependent overload release  operating voltage	maximum permissible voltage for protective separation	
and auxiliary circuit  in networks with ungrounded star point between main and auxiliary circuit  in networks with grounded star point between main and auxiliary circuit  shock resistance  according to IEC 60068-2-27  fsg / 11 ms; Signaling contact 97 / 98 in position "Tripped": 8g / 11 ms  thermal current  50 A  reference code according to IEC 81346-2  Substance Prohibitance (Date)  SVHC substance name  Lead - 7439-92-1  Lead monoxide (lead oxide) - 1317-36-8  Weight  225 g  Ambient conditions  installation altitude at height above sea level maximum  ambient temperature  • during operation  • during storage  • during transport  40 +80 °C  temperature compensation  relative humidity during operation  Main circuit  number of poles for main current circuit  adjustable current response value current of the current-dependent overload release  operating voltage		300 V
auxiliary circuit  in networks with grounded star point between main and auxiliary circuit  shock resistance  according to IEC 60068-2-27  15g / 11 ms; Signaling contact 97 / 98 in position "Tripped": 8g / 11 ms  thermal current  50 A  reference code according to IEC 81346-2  F Substance Prohibitance (Date)  307/1/2017  SVHC substance name  Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8  Weight  225 g  Ambient conditions  installation altitude at height above sea level maximum  ambient temperature  during operation  during storage  during transport  40 +80 °C  eduring transport  temperature compensation  relative humidity during operation  10 95 %  Main circuit  number of poles for main current circuit  adjustable current response value current of the current-dependent overload release  operating voltage		300 V
auxiliary circuit  shock resistance  • according to IEC 60068-2-27  15g / 11 ms; Signaling contact 97 / 98 in position "Tripped": 8g / 11 ms  thermal current  reference code according to IEC 81346-2  F Substance Prohibitance (Date)  30/01/2017  SVHC substance name  Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8  Weight  225 g  Amblent conditions  installation altitude at height above sea level maximum  amblent temperature  • during operation  -25 +60 °C  • during storage  • during storage  • during transport  -40 +80 °C  temperature compensation  -25 +60 °C  relative humidity during operation  10 95 %  Main circuit  number of poles for main current circuit  adjustable current response value current of the current-dependent overload release  operating voltage	·	600 V
• according to IEC 60068-2-27  thermal current  50 A  reference code according to IEC 81346-2  Substance Prohibitance (Date)  SVHC substance name  Lead -7439-92-1 Lead monoxide (lead oxide) - 1317-36-8  Weight  Ambient conditions  installation altitude at height above sea level maximum  ambient temperature  • during operation • during storage • during transport  temperature compensation relative humidity during operation  -25 +60 °C relative humidity during operation  -25 +60 °C  -40 +80 °C  -40 +80 °C  -40 +80 °C  -40 +80 °C  relative humidity during operation  -25 +60 °C  relative humidity during operation  10 95 %  Main circuit  adjustable current response value current of the current-dependent overload release  operating voltage		690 V
thermal current  reference code according to IEC 81346-2  Substance Prohibitance (Date)  SVHC substance name  Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8  Weight  225 g  Ambient conditions  installation altitude at height above sea level maximum  o during operation  o during storage  o during transport  temperature compensation  relative humidity during operation  number of poles for main current circuit  adjustable current response value current of the current-dependent overload release  operating voltage	shock resistance	8g / 11 ms
reference code according to IEC 81346-2  Substance Prohibitance (Date)  SVHC substance name  Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8  Weight  225 g  Ambient conditions  installation altitude at height above sea level maximum  ambient temperature  olduring operation  during storage  during transport  -40 +80 °C  temperature compensation  -25 +60 °C  temperature compensation  -25 +60 °C  temperature compensation  -25 +60 °C  temperature compensation  10 95 %  Main circuit  number of poles for main current circuit  adjustable current response value current of the current-dependent overload release  operating voltage	• according to IEC 60068-2-27	15g / 11 ms; Signaling contact 97 / 98 in position "Tripped": 8g / 11 ms
Substance Prohibitance (Date)  SVHC substance name  Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8  Weight  225 g  Ambient conditions  installation altitude at height above sea level maximum  ambient temperature  during operation  during storage  during transport  temperature compensation  -25 +60 °C  during transport  -40 +80 °C  temperature compensation  -25 +60 °C  temperature compensation  -25 +60 °C  10 95 %  Main circuit  number of poles for main current circuit  adjustable current response value current of the current-dependent overload release  operating voltage	thermal current	50 A
SVHC substance name  Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8  Weight  225 g  Ambient conditions  installation altitude at height above sea level maximum  ambient temperature  • during operation  • during storage  • during transport  -40 +80 °C  • during transport  temperature compensation  -25 +60 °C  relative humidity during operation  10 95 %  Main circuit  number of poles for main current circuit  adjustable current response value current of the current-dependent overload release  operating voltage	reference code according to IEC 81346-2	F
Lead monoxide (lead oxide) - 1317-36-8  Weight 225 g  Ambient conditions  installation altitude at height above sea level maximum 2 000 m  ambient temperature  • during operation -25 +60 °C  • during storage -40 +80 °C  • during transport -40 +80 °C  temperature compensation -25 +60 °C  relative humidity during operation 10 95 %  Main circuit  number of poles for main current circuit 3  adjustable current response value current of the current-dependent overload release  operating voltage	Substance Prohibitance (Date)	03/01/2017
Installation altitude at height above sea level maximum  ambient temperature  • during operation • during storage • during transport  -40 +80 °C  • during transport  -40 +80 °C  temperature compensation -25 +60 °C  relative humidity during operation  10 95 %  Main circuit  number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage	SVHC substance name	
installation altitude at height above sea level maximum  ambient temperature  • during operation  • during storage  • during transport  -40 +80 °C  • during transport  -40 +80 °C  temperature compensation  -25 +60 °C  relative humidity during operation  10 95 %  Main circuit  number of poles for main current circuit  adjustable current response value current of the current-dependent overload release  operating voltage	Weight	225 g
ambient temperature  • during operation  • during storage  • during transport  -40 +80 °C  • during transport  -40 +80 °C  temperature compensation  -25 +60 °C  relative humidity during operation  10 95 %  Main circuit  number of poles for main current circuit  adjustable current response value current of the current-dependent overload release  operating voltage	Ambient conditions	
<ul> <li>during operation</li> <li>during storage</li> <li>during transport</li> <li>during transport</li> <li>40 +80 °C</li> <li>temperature compensation</li> <li>-25 +60 °C</li> <li>relative humidity during operation</li> <li>10 95 %</li> <li>Main circuit</li> <li>number of poles for main current circuit</li> <li>adjustable current response value current of the current-dependent overload release</li> <li>operating voltage</li> <li>12.5 50 A</li> </ul>	installation altitude at height above sea level maximum	2 000 m
<ul> <li>during storage</li> <li>during transport</li> <li>40 +80 °C</li> <li>temperature compensation</li> <li>-25 +60 °C</li> <li>relative humidity during operation</li> <li>10 95 %</li> <li>Main circuit</li> <li>number of poles for main current circuit</li> <li>adjustable current response value current of the current-dependent overload release</li> <li>operating voltage</li> </ul>	ambient temperature	
◆ during transport	during operation	-25 +60 °C
temperature compensation  -25 +60 °C  relative humidity during operation  10 95 %  Main circuit  number of poles for main current circuit  adjustable current response value current of the current-dependent overload release  operating voltage	during storage	-40 +80 °C
relative humidity during operation  10 95 %  Main circuit  number of poles for main current circuit  adjustable current response value current of the current-dependent overload release  operating voltage	during transport	-40 +80 °C
Main circuit  number of poles for main current circuit  adjustable current response value current of the current- dependent overload release  operating voltage	temperature compensation	-25 +60 °C
number of poles for main current circuit  adjustable current response value current of the current- dependent overload release  operating voltage  3  12.5 50 A	relative humidity during operation	10 95 %
adjustable current response value current of the current- dependent overload release operating voltage	Main circuit	
dependent overload release operating voltage	number of poles for main current circuit	3
		12.5 50 A
		1 000 V

for remote-reset function at DC	24 V
at AC-3e rated value maximum	1 000 V
	50 60 Hz
operating frequency rated value operational current rated value	50 A
operational current rated value operational current at AC-3e at 400 V rated value	50 A
	50 A
operating power	7.5 00.144
• for 3-phase motors at 400 V at 50 Hz	7.5 22 kW 11 30 kW
<ul> <li>for AC motors at 500 V at 50 Hz</li> <li>for AC motors at 690 V at 50 Hz</li> </ul>	11 45 kW
Auxiliary circuit	11 43 KVV
	integrated
design of the auxiliary switch	integrated 1
number of NC contacts for auxiliary contacts	
• note	for contactor disconnection
number of NO contacts for auxiliary contacts	1
• note	for message "tripped"
number of CO contacts for auxiliary contacts	0
operational current of auxiliary contacts at AC-15	
• at 24 V	4 A
• at 110 V	4 A
• at 120 V	4 A
• at 125 V	4 A
• at 230 V	3 A
operational current of auxiliary contacts at DC-13	
● at 24 V	2 A
• at 60 V	0.55 A
● at 110 V	0.3 A
● at 125 V	0.3 A
• at 220 V	0.11 A
Protective and monitoring functions	
trip class	CLASS 5E, 10E, 20E and 30E adjustable
design of the overload release	electronic
response value current of the grounding protection minimum	0.75 x IMotor
response time of the grounding protection in settled state	1 000 ms
operating range of the grounding protection relating to	
current set value	
• minimum	IMotor > lower current setting value
• maximum	IMotor < upper current setting value x 3.5
UL/CSA ratings	
full-load current (FLA) for 3-phase AC motor	
<ul> <li>at 480 V rated value</li> </ul>	50 A
at 600 V rated value	50 A
contact rating of auxiliary contacts according to UL	B600 / R300
Short-circuit protection	
design of the fuse link	
<ul> <li>for short-circuit protection of the main circuit</li> </ul>	
<ul> <li>— with type of coordination 1 required</li> </ul>	gG: 200 A
— with type of assignment 2 required	gG: 200 A
• for short-circuit protection of the auxiliary switch required	fuse gG: 6 A
Installation/ mounting/ dimensions	
mounting position	any
fastening method	stand-alone installation
height	106 mm
width	70 mm
depth	124 mm
Connections/ Terminals	
product component removable terminal for auxiliary and	Yes
control circuit	
type of electrical connection	
for main current circuit	straight-through transformers
for auxiliary and control circuit  arrangement of electrical connectors for main current	screw-type terminals  Top and bottom

circuit	
type of connectable conductor cross-sections	
for auxiliary contacts	
— solid	1x (0.5 4 mm²), 2x (0.5 2.5 mm²)
— solid or stranded	1x (0,5 4 mm²), 2x (0,5 2,5 mm²)
— finely stranded with core end processing	1x (0.5 2.5 mm²), 2x (0.5 1.5 mm²)
for AWG cables for auxiliary contacts	2x (20 14)
tightening torque	
for auxiliary contacts with screw-type terminals	0.8 1.2 N·m
design of screwdriver shaft	Diameter 5 to 6 mm
size of the screwdriver tip	Pozidriv PZ 2
design of the thread of the connection screw	
of the auxiliary and control contacts	M3
Electrical Safety	
protection class IP on the front according to IEC 60529	IP20
touch protection on the front according to IEC 60529	finger-safe, for vertical contact from the front
Communication/ Protocol	
type of voltage supply via input/output link master	No
Electromagnetic compatibility	
conducted interference	
<ul> <li>due to burst according to IEC 61000-4-4</li> </ul>	2 kV (power ports), 1 kV (signal ports) corresponds to degree of severity 3
• due to conductor-earth surge according to IEC 61000-4-5	2 kV (line to earth) corresponds to degree of severity 3
<ul> <li>due to conductor-conductor surge according to IEC 61000-4-5</li> </ul>	1 kV (line to line) corresponds to degree of severity 3
<ul> <li>due to high-frequency radiation according to IEC 61000- 4-6</li> </ul>	10 V in frequency range 0.15 to 80 MHz, modulation 80 % AM with 1 kHz
field-based interference according to IEC 61000-4-3	10 V/m
electrostatic discharge according to IEC 61000-4-2	6 kV contact discharge / 8 kV air discharge
Display	
display version for switching status	Slide switch
Approvals Certificates	

## **General Product Approval**

## Confirmation













For use in hazard-**EMV** ous locations

**Test Certificates** 

Marine / Shipping





Type Test Certificates/Test Report

Special Test Certific-<u>ate</u>





Marine / Shipping 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=3RB3143-4UW1

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RB3143-4UW1

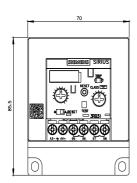
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

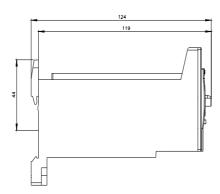
https://support.industry.siemens.com/cs/ww/en/ps/3RB3143-4UW1

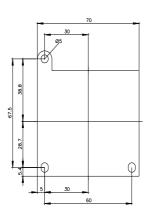
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) <a href="http://www.automation.siemens.com/bilddb/cax">http://www.automation.siemens.com/bilddb/cax</a> de.aspx?mlfb=3RB3143-4UW1&lang=en

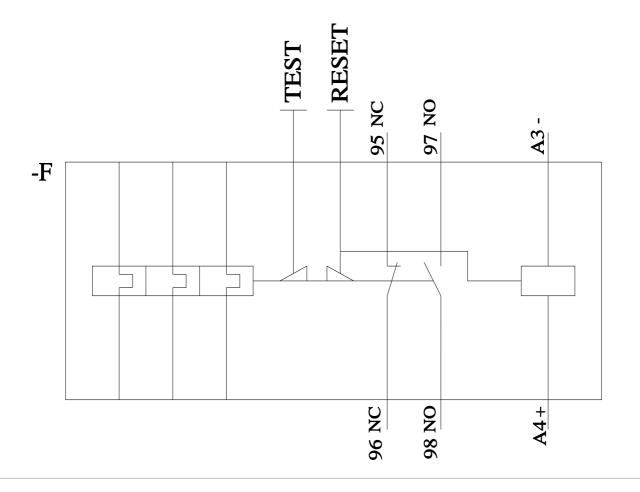
Characteristic: Tripping characteristics, I²t, Let-through current https://support.industry.siemens.com/cs/ww/en/ps/3RB3143-4UW1/char

Further characteristics (e.g. electrical endurance, switching frequency)
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RB3143-4UW1&objecttype=14&gridview=view1









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