## **SIEMENS**

Data sheet 3RB3133-4WB0



Overload relay 20...80 A Electronic For motor protection Size S2, Class 5E...30E Contactor mounting Main circuit: Screw Auxiliary circuit: Screw Manual-Automatic-Reset Internal ground fault detection

Product brand name	SIRIUS
Product designation	solid-state overload relay
Product type designation	3RB3

General technical data	
Size of overload relay	S2
Size of contactor can be combined company-specific	S2
Insulation voltage with degree of pollution 3 rated value	690 V
Surge voltage resistance rated value	6 kV
maximum permissible voltage for safe isolation	
<ul> <li>in networks with grounded star point between auxiliary and auxiliary circuit</li> </ul>	300 V
<ul> <li>in networks with grounded star point between auxiliary and auxiliary circuit</li> </ul>	300 V
<ul> <li>in networks with grounded star point between main and auxiliary circuit</li> </ul>	600 V
<ul> <li>in networks with grounded star point between main and auxiliary circuit</li> </ul>	690 V
Protection class IP	
• on the front	IP20

• of the terminal	IP00
Shock resistance	15g / 11 ms
• acc. to IEC 60068-2-27	15g / 11 ms; Signaling contact 97 / 98 in position "Tripped": 8g / 11 ms
Vibration resistance	1-6 Hz, 15 mm; 6-500 Hz, 20 m/s²; 10 cycles
Thermal current	80 A
Recovery time	
<ul> <li>after overload trip with automatic reset typical</li> </ul>	3 min
<ul> <li>after overload trip with remote-reset</li> </ul>	0 min
<ul> <li>after overload trip with manual reset</li> </ul>	0 min
Type of protection according to ATEX directive 2014/34/EU	Ex II (2) G [Ex e] [Ex d] [Ex px]; Ex II (2) D [Ex t] [Ex p]
Certificate of suitability according to ATEX directive 2014/34/EU	PTB 09 ATEX 3001
Protection against electrical shock	finger-safe when touched vertically from front acc. to IEC 60529
Reference code acc. to DIN EN 81346-2	F
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	2
·	3 20 80 A
Adjustable pick-up value current of the current- dependent overload release	20 80 A
Operating voltage	
• rated value	690 V
• for remote-reset function at DC	24 V
• at AC-3 rated value maximum	690 V
Operating frequency rated value	50 60 Hz
Operating current rated value	80 A
Operating power	
• for three-phase motors at 400 V at 50 Hz	11 37 kW
• for AC motors at 500 V at 50 Hz	15 55 kW
• for AC motors at 690 V at 50 Hz	18.5 75 kW
Auxiliary circuit	
Design of the auxiliary switch	integrated
Number of NC contacts for auxiliary contacts	1

Number of NC contacts for auxiliary contacts  Number of CO contacts  for message "tripped"  Number of CO contacts  for auxiliary contacts  for auxiliary contacts  for auxiliary contacts  0  Operating current of auxiliary contacts at AC-15  at 24 V  at 110 V  at 120 V  at 125 V  at 230 V  Operating current of auxiliary contacts at DC-13  at 24 V  at 10 V  at 125 V  at 20 V  Operating current of auxiliary contacts at DC-13  at 24 V  at 60 V  at 125 V  ot 125 V  ot 125 V  ot 126 V  at 127 V  ot 128 V  ot 129 V  o		
Number of CO contacts  • for auxiliary contacts  • for auxiliary contacts  0 O  Operating current of auxiliary contacts at AC-15  • at 24 V  • at 110 V  • at 125 V  • at 230 V  Operating current of auxiliary contacts at DC-13  • at 24 V  • at 160 V  • at 125 V  • at 220 V  Operating current of auxiliary contacts at DC-13  • at 24 V  • at 60 V  • at 125 V  • at 220 V  Operating current of auxiliary contacts at DC-13  • at 24 V  • at 60 V  • at 125 V  • at 126 V  • at 126 V  • at 127 V  Out at 127 V  Out at 128 V  • at 128 V  • at 128 V  • at 129 V  Out at 128 V  Out at 128 V  • at 129 V  Out at 128 V  Out	• Note	for contactor disconnection
Number of CO contacts  of or auxiliary contacts  of or auxiliary contacts  of auxiliary contacts at AC-15  of 24 V  of 110 V  of 120 V  of 120 V  of 120 V  of 1230 V  Operating current of auxiliary contacts at DC-13  of 124 V  of 100 V  of 125 V  of 120 V  of 100 V  of 110 V  of 125 V  of 120 V  of 100 V  of 110 V  of 125 V		
• for auxiliary contacts  Operating current of auxiliary contacts at AC-15  • at 24 V  • at 110 V  • at 120 V  • at 125 V  • at 230 V  • at 24 V  • at 60 V  • at 60 V  • at 125 V  • at 24 V  • at 60 V  • at 125 V  • at 24 V  • at 60 V  • at 125 V  • at 20 V  • at 10 V  • at 125 V  • at 20 V  • at 10 V  • a		for message "tripped"
Operating current of auxiliary contacts at AC-15  • at 24 V • at 110 V 4 A 4 A 4 A 4 A 4 A 4 A 4 A 4 A 4 A 4 A		
at 24 V at 110 V at 120 V at 120 V at 125 V at 230 V  Operating current of auxiliary contacts at DC-13 at 60 V at 160 V at 125 V at 125 V at 220 V  Other of the overload release  CLASS 5E, 10E, 20E and 30E adjustable electronic  Response value current of the ground fault protection minimum of the ground fault protection restiting value minimum infimum inf		0
e at 110 V e at 120 V e at 120 V e at 125 V e at 230 V  Operating current of auxiliary contacts at DC-13 e at 24 V e at 60 V e at 110 V e at 125 V e at 250 V  Other at 110 V e at 125 V e at 60 V e at 110 V e at 125 V e at 220 V e at 125 V e at 220 V e at 125 V e at 220 V e a	Operating current of auxiliary contacts at AC-15	
at 120 V at 125 V at 25 V at 230 V 3 A  Operating current of auxiliary contacts at DC-13 at 24 V at 60 V at 100 V at 110 V at 125 V at 110 V at 125 V at 120 V at 120 V at 120 V at 125 V at 12	● at 24 V	4 A
at 125 V at 230 V  Operating current of auxiliary contacts at DC-13 at 24 V at 60 V at 100 V at 110 V at 125 V at 120 V  O.11 A  Protective and monitoring functions  Trip class  CLASS 5E, 10E, 20E and 30E adjustable electronic  Response value current of the ground fault protection minimum or fithe ground fault protection in settled state  Operating range of the ground fault protection relating to current setting value minimum maximum  IMotor > lower current setting value Motor < upper current setting value Motor < upper current setting value Motor < upper current setting value × 3.5  UL/CSA ratings  Full-load current (FLA) for three-phase AC motor at 480 V rated value at 600 V rated	● at 110 V	4 A
at 230 V Operating current of auxillary contacts at DC-13  at 24 V at 60 V at 110 V at 110 V at 125 V at 220 V O.11 A  Protective and monitoring functions  Trip class Design of the overload release electronic Response value current of the ground fault protection in settled state Operating range of the ground fault protection relating to current setting value minimum maximum  IMotor > lower current setting value Motor < upper current setting value × 3.5  UL/CSA ratings  Full-load current (FLA) for three-phase AC motor at 480 V rated value at 600 V rated value at 600 V rated value being of the function of the main circuit with type of coordination 1 required with type of coordination 1 required with type of assignment 2 required of use for short-circuit protection of the auxiliary switch required  of use for short-circuit protection of the auxiliary switch required  of the short-circuit protection of the auxiliary switch required  of the short-circuit protection of the auxiliary switch required  of the short-circuit protection of the auxiliary switch required  of the short-circuit protection of the auxiliary switch required  of the short-circuit protection of the auxiliary switch required  of the short-circuit protection of the auxiliary switch required	● at 120 V	4 A
Operating current of auxiliary contacts at DC-13  • at 24 V  • at 60 V  • at 110 V  • at 125 V  • at 220 V  O.11 A  Protective and monitoring functions  Trip class  CLASS 5E, 10E, 20E and 30E adjustable  electronic  Response value current  • of the ground fault protection minimum  O.75 x IMotor  Response time of the ground fault protection in settled state  Operating range of the ground fault protection relating to current setting value  • minimum  • maximum  IMotor > lower current setting value  IMotor < upper current setting value x 3.5  UL/CSA ratings  Full-load current (FLA) for three-phase AC motor  • at 480 V rated value  • at 600 V rated value  • at 600 V rated value  • at 600 V rated value  Ocntact rating of auxillary contacts according to UL  Short-circuit protection  Design of the fuse link  • for short-circuit protection of the main circuit  — with type of coordination 1 required  — with type of assignment 2 required  • for short-circuit protection of the auxiliary switch required  • for short-circuit protection of the auxiliary switch required  • for short-circuit protection of the auxiliary switch required	● at 125 V	4 A
at 24 V at 60 V bit 10 V cal 110 V cal 110 V cal 125 V cal 125 V cal 220 V cal 23 A cal 240 V cal 250 V cal 240 V c	● at 230 V	3 A
at 10 V at 110 V at 110 V at 110 V at 125 V at 120 V  Protective and monitoring functions  Trip class  CLASS 5E, 10E, 20E and 30E adjustable electronic  Response value current of the ground fault protection minimum onestited state  Operating range of the ground fault protection relating to current setting value minimum maximum  IMotor > lower current setting value minimum maximum  IMotor > lower current setting value Motor < upper current setting value x 3.5  UL/CSA ratings  Full-load current (FLA) for three-phase AC motor at 480 V rated value at 600 V rated value at 6	Operating current of auxiliary contacts at DC-13	
at 110 V at 125 V at 125 V 0.3 A 0.11 A  Protective and monitoring functions  Trip class  Design of the overload release Response value current of the ground fault protection minimum 0.75 x IMotor  Response time of the ground fault protection in settled state Operating range of the ground fault protection relating to current setting value minimum IMotor > lower current setting value Imotor < upper current setting value x 3.5  UL/CSA ratings  Full-load current (FLA) for three-phase AC motor at 480 V rated value at 600 V rated va	● at 24 V	2 A
at 125 V at 220 V  0.3 A 0.11 A  Protective and monitoring functions  Trip class Design of the overload release electronic  Response value current of the ground fault protection minimum 0.75 x IMotor  Response time of the ground fault protection in settled state Operating range of the ground fault protection releating to current setting value minimum IMotor > lower current setting value Motor < upper current setting value x 3.5  UL/CSA ratings  Full-load current (FLA) for three-phase AC motor at 480 V rated value at 600 V rated	● at 60 V	0.55 A
• at 220 V  Protective and monitoring functions  Trip class  Design of the overload release Response value current • of the ground fault protection minimum  Protective and monitoring functions  Response value current • of the ground fault protection in settled state  Operating range of the ground fault protection relating to current setting value • minimum • maximum  IMotor > lower current setting value  Imotor < upper current setting value x 3.5  UL/CSA ratings  Full-load current (FLA) for three-phase AC motor • at 480 V rated value • at 600 V rated value • at 600 V rated value  Posign of the fuse link • for short-circuit protection of the main circuit — with type of coordination 1 required — with type of assignment 2 required • for short-circuit protection of the auxiliary switch required  Full-load current (FLA) for three-phase AC motor  Posign of the fuse link  For short-circuit protection of the main circuit  With type of assignment 2 required For short-circuit protection of the auxiliary switch required  For short-circuit protection of the auxiliary switch required  For short-circuit protection of the auxiliary switch required  For short-circuit protection of the auxiliary switch required	• at 110 V	0.3 A
Protective and monitoring functions  Trip class  Design of the overload release Response value current  • of the ground fault protection minimum  O.75 x IMotor  Response time of the ground fault protection in settled state  Operating range of the ground fault protection relating to current setting value  • minimum  • maximum  IMotor > lower current setting value  Imotor < upper current setting value x 3.5  UL/CSA ratings  Full-load current (FLA) for three-phase AC motor  • at 480 V rated value • at 600 V rated value • at 600 V rated value  • at 600 V r	● at 125 V	0.3 A
Trip class  Design of the overload release  Response value current  of the ground fault protection minimum  0.75 x IMotor  Response time of the ground fault protection in settled state  Operating range of the ground fault protection relating to current setting value  minimum maximum  IMotor > lower current setting value  Imotor < upper current setting value x 3.5  UL/CSA ratings  Full-load current (FLA) for three-phase AC motor at 480 V rated value at 600 V rated value at 600 V rated value  To short-circuit protection  Design of the fuse link of or short-circuit protection of the main circuit — with type of assignment 2 required of or short-circuit protection of the auxiliary switch required  of or short-circuit protection of the auxiliary switch required  of or short-circuit protection of the auxiliary switch required  of or short-circuit protection of the auxiliary switch required	• at 220 V	0.11 A
Trip class  Design of the overload release  Response value current  of the ground fault protection minimum  0.75 x IMotor  Response time of the ground fault protection in settled state  Operating range of the ground fault protection relating to current setting value  minimum maximum  IMotor > lower current setting value  Imotor < upper current setting value x 3.5  UL/CSA ratings  Full-load current (FLA) for three-phase AC motor at 480 V rated value at 600 V rated value at 600 V rated value  To short-circuit protection  Design of the fuse link of or short-circuit protection of the main circuit — with type of assignment 2 required of or short-circuit protection of the auxiliary switch required  of or short-circuit protection of the auxiliary switch required  of or short-circuit protection of the auxiliary switch required  of or short-circuit protection of the auxiliary switch required	Ducks still a said manifesting from the said	
Design of the overload release electronic  Response value current  of the ground fault protection minimum  0.75 x IMotor  Response time of the ground fault protection in settled state  Operating range of the ground fault protection relating to current setting value  minimum maximum  IMotor > lower current setting value  Imotor < upper current setting value x 3.5  UL/CSA ratings  Full-load current (FLA) for three-phase AC motor at 480 V rated value at 600 V rated value at 600 V rated value before for short-circuit protection of the main circuit  - with type of coordination 1 required - with type of assignment 2 required for short-circuit protection of the auxiliary switch required  for short-circuit protection of the auxiliary switch required  for short-circuit protection of the auxiliary switch required  for short-circuit protection of the auxiliary switch required		CLASS 5E 10E 20E and 30E adjustable
Response value current  of the ground fault protection minimum  Response time of the ground fault protection in settled state  Operating range of the ground fault protection relating to current setting value  minimum maximum  Imotor > lower current setting value  Imotor > lower setting		
of the ground fault protection minimum     Response time of the ground fault protection in settled state  Operating range of the ground fault protection relating to current setting value      • minimum     • maximum  IMotor > lower current setting value  Imotor > lower setting value  Imotor		Ciodionio
Response time of the ground fault protection in settled state  Operating range of the ground fault protection relating to current setting value  • minimum  • maximum  IMotor > lower current setting value  Imotor > lower current setting value  • minimum  • maximum  IMotor < upper current setting value x 3.5  UL/CSA ratings  Full-load current (FLA) for three-phase AC motor  • at 480 V rated value  • at 600 V rated value  • at 600 V rated value  • at 600 V rated value  Fundamental setting of auxiliary contacts according to UL  Before / R300  Short-circuit protection  Design of the fuse link  • for short-circuit protection of the main circuit  — with type of coordination 1 required  — with type of assignment 2 required  • for short-circuit protection of the auxiliary switch required		0.75 x IMotor
relating to current setting value  • minimum  • maximum  IMotor > lower current setting value  Imotor > lower current setting value  Imotor > lower current setting value × 3.5  UL/CSA ratings  Full-load current (FLA) for three-phase AC motor  • at 480 V rated value  • at 600 V rated value  80 A  Contact rating of auxiliary contacts according to UL  Short-circuit protection  Design of the fuse link  • for short-circuit protection of the main circuit  — with type of coordination 1 required  — with type of assignment 2 required  • for short-circuit protection of the auxiliary switch required  • for short-circuit protection of the auxiliary switch required	Response time of the ground fault protection in	1 000 ms
<ul> <li>■ maximum</li> <li>IMotor &lt; upper current setting value x 3.5</li> <li>UL/CSA ratings</li> <li>Full-load current (FLA) for three-phase AC motor</li> <li>■ at 480 V rated value</li> <li>■ at 600 V rated value</li> <li>B600 / R300</li> <li>Contact rating of auxiliary contacts according to UL</li> <li>Short-circuit protection</li> <li>Design of the fuse link</li> <li>■ for short-circuit protection of the main circuit</li> <li>— with type of coordination 1 required</li> <li>— with type of assignment 2 required</li> <li>■ for short-circuit protection of the auxiliary switch required</li> <li>Image: First of the fuse o</li></ul>		
Full-load current (FLA) for three-phase AC motor  • at 480 V rated value  • at 600 V rated value  80 A  Contact rating of auxiliary contacts according to UL  Short-circuit protection  Design of the fuse link  • for short-circuit protection of the main circuit  — with type of coordination 1 required — with type of assignment 2 required  • for short-circuit protection of the auxiliary switch required  • for short-circuit protection of the auxiliary switch required	• minimum	IMotor > lower current setting value
Full-load current (FLA) for three-phase AC motor  • at 480 V rated value  80 A  80 A  Contact rating of auxiliary contacts according to UL  B600 / R300  Short-circuit protection  Design of the fuse link  • for short-circuit protection of the main circuit  — with type of coordination 1 required  — with type of assignment 2 required  • for short-circuit protection of the auxiliary switch required  • for short-circuit protection of the auxiliary switch required	• maximum	IMotor < upper current setting value x 3.5
Full-load current (FLA) for three-phase AC motor  • at 480 V rated value  80 A  80 A  Contact rating of auxiliary contacts according to UL  B600 / R300  Short-circuit protection  Design of the fuse link  • for short-circuit protection of the main circuit  — with type of coordination 1 required  — with type of assignment 2 required  • for short-circuit protection of the auxiliary switch required  • for short-circuit protection of the auxiliary switch required	UL/CSA ratings	
at 600 V rated value      Contact rating of auxiliary contacts according to UL      Short-circuit protection  Design of the fuse link		
Contact rating of auxiliary contacts according to UL  Short-circuit protection  Design of the fuse link  • for short-circuit protection of the main circuit  — with type of coordination 1 required  — with type of assignment 2 required  • for short-circuit protection of the auxiliary switch required  GG: 250 A, RK5: 300 A  gG: 250 A  fuse gG: 6 A	• at 480 V rated value	80 A
Short-circuit protection  Design of the fuse link  • for short-circuit protection of the main circuit  — with type of coordination 1 required gG: 250 A, RK5: 300 A  — with type of assignment 2 required gG: 250 A  • for short-circuit protection of the auxiliary switch required  fuse gG: 6 A	• at 600 V rated value	80 A
Design of the fuse link         ● for short-circuit protection of the main circuit         — with type of coordination 1 required       gG: 250 A, RK5: 300 A         — with type of assignment 2 required       gG: 250 A         ● for short-circuit protection of the auxiliary switch required       fuse gG: 6 A	Contact rating of auxiliary contacts according to UL	B600 / R300
Design of the fuse link         ● for short-circuit protection of the main circuit         — with type of coordination 1 required       gG: 250 A, RK5: 300 A         — with type of assignment 2 required       gG: 250 A         ● for short-circuit protection of the auxiliary switch required       fuse gG: 6 A	Short-circuit protection	
<ul> <li>with type of coordination 1 required</li> <li>with type of assignment 2 required</li> <li>for short-circuit protection of the auxiliary switch required</li> <li>gG: 250 A, RK5: 300 A</li> <li>gG: 250 A</li> <li>fuse gG: 6 A</li> </ul>	·	
— with type of assignment 2 required gG: 250 A  ● for short-circuit protection of the auxiliary switch required  gG: 250 A  fuse gG: 6 A	• for short-circuit protection of the main circuit	
• for short-circuit protection of the auxiliary switch required	<ul> <li>— with type of coordination 1 required</li> </ul>	gG: 250 A, RK5: 300 A
• for short-circuit protection of the auxiliary switch required	— with type of assignment 2 required	gG: 250 A
Installation/ mounting/ dimensions	• for short-circuit protection of the auxiliary switch	fuse gG: 6 A
	Installation/ mounting/ dimensions	

Mounting position	any
Mounting type	Contactor mounting
Height	99 mm
Width	55 mm
Depth	104 mm
Required spacing	
<ul><li>with side-by-side mounting</li></ul>	
— forwards	0 mm
— Backwards	0 mm
— upwards	0 mm
— downwards	0 mm
— at the side	0 mm
• for grounded parts	
— forwards	10 mm
— Backwards	0 mm
— upwards	10 mm
— at the side	6 mm
— downwards	10 mm
• for live parts	
— forwards	10 mm
— Backwards	0 mm
— upwards	10 mm
— downwards	10 mm
— at the side	10 mm

Connections/ Terminals	
Connections/ Terminals	
Product function	
<ul> <li>removable terminal for auxiliary and control</li> </ul>	Yes
circuit	
Type of electrical connection	
• for main current circuit	screw-type terminals
<ul> <li>for auxiliary and control current circuit</li> </ul>	screw-type terminals
Arrangement of electrical connectors for main current	Top and bottom
circuit	
Type of connectable conductor cross-sections	
• for main contacts	
— solid	1x (1 50 mm²), 2x (1 35 mm²)
— stranded	2x (10 35 mm²), 1x 50 mm²
<ul><li>— single or multi-stranded</li></ul>	1x (1 50 mm²), 2x (1 35 mm²)
<ul> <li>finely stranded with core end processing</li> </ul>	1x (1 35 mm²), 2x (1 25 mm²)
<ul> <li>at AWG conductors for main contacts</li> </ul>	2x (18 2), 1x (18 1)
Type of connectable conductor cross-sections	
<ul> <li>for auxiliary contacts</li> </ul>	

— solid	1x (0.5 4 mm²), 2x (0.5 2.5 mm²)
<ul><li>— single or multi-stranded</li></ul>	1x (0,5 4 mm²), 2x (0,5 2,5 mm²)
<ul> <li>finely stranded with core end processing</li> </ul>	1x (0.5 2.5 mm²), 2x (0.5 1.5 mm²)
<ul> <li>at AWG conductors for auxiliary contacts</li> </ul>	1x (20 14), 2x (20 14)
Tightening torque	
<ul> <li>for main contacts with screw-type terminals</li> </ul>	3 4.5 N·m
<ul> <li>for auxiliary contacts with screw-type terminals</li> </ul>	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	
• for main contacts	M6
<ul> <li>of the auxiliary and control contacts</li> </ul>	M3
Communication/ Protocol	
Type of voltage supply via input/output link master	No
Electromagnetic compatibility	
Conducted interference	
• due to burst acc. to IEC 61000-4-4	2 kV (power ports), 1 kV (signal ports) corresponds to degree of severity 3
<ul> <li>due to burst acc. to IEC 61000-4-4</li> <li>due to conductor-earth surge acc. to IEC</li> </ul>	severity 3
<ul> <li>due to burst acc. to IEC 61000-4-4</li> <li>due to conductor-earth surge acc. to IEC 61000-4-5</li> <li>due to conductor-conductor surge acc. to IEC</li> </ul>	severity 3 2 kV (line to earth) corresponds to degree of severity 3
<ul> <li>due to burst acc. to IEC 61000-4-4</li> <li>due to conductor-earth surge acc. to IEC 61000-4-5</li> <li>due to conductor-conductor surge acc. to IEC 61000-4-5</li> <li>due to high-frequency radiation acc. to IEC</li> </ul>	severity 3  2 kV (line to earth) corresponds to degree of severity 3  1 kV (line to line) corresponds to degree of severity 3  10 V in frequency range 0.15 to 80 MHz, modulation 80 % AM
<ul> <li>due to burst acc. to IEC 61000-4-4</li> <li>due to conductor-earth surge acc. to IEC 61000-4-5</li> <li>due to conductor-conductor surge acc. to IEC 61000-4-5</li> <li>due to high-frequency radiation acc. to IEC 61000-4-6</li> </ul>	severity 3  2 kV (line to earth) corresponds to degree of severity 3  1 kV (line to line) corresponds to degree of severity 3  10 V in frequency range 0.15 to 80 MHz, modulation 80 % AM with 1 kHz
<ul> <li>due to burst acc. to IEC 61000-4-4</li> <li>due to conductor-earth surge acc. to IEC 61000-4-5</li> <li>due to conductor-conductor surge acc. to IEC 61000-4-5</li> <li>due to high-frequency radiation acc. to IEC 61000-4-6</li> <li>Field-bound parasitic coupling acc. to IEC 61000-4-3</li> </ul>	severity 3  2 kV (line to earth) corresponds to degree of severity 3  1 kV (line to line) corresponds to degree of severity 3  10 V in frequency range 0.15 to 80 MHz, modulation 80 % AM with 1 kHz  10 V/m

Slide switch

• for switching status	;
Certificates/ approvals	

## **General Product Approval**

**EMC** 

For use in hazardous locations













**Declaration of Conformity** 

**Test Certificates** 

Marine / Shipping





Type Test Certificates/Test Report

Special Test Certificate





Marine / Shipping

other









Confirmation

## Further information

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

www.siemens.com/sirius/catalogs

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RB3133-4WB0

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RB3133-4WB0

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

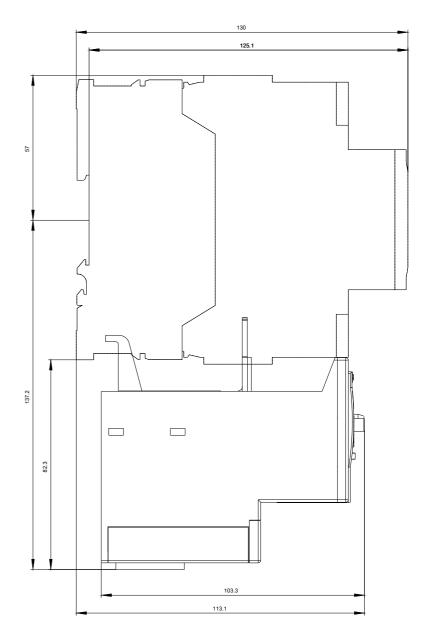
https://support.industry.siemens.com/cs/ww/en/ps/3RB3133-4WB0

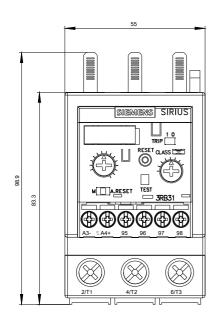
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RB3133-4WB0&lang=en

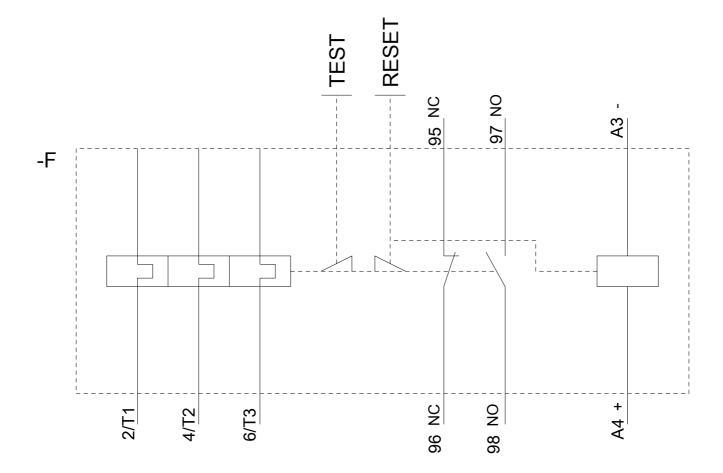
Characteristic: Tripping characteristics, I2t, Let-through current

https://support.industry.siemens.com/cs/ww/en/ps/3RB3133-4WB0/char

Further characteristics (e.g. electrical endurance, switching frequency)
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RB3133-4WB0&objecttype=14&gridview=view1







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