SIEMENS

Data sheet 3RB3133-4WX1



Overload relay 20...80 A Electronic For motor protection Size S2, Class 5E...30E Stand-alone installation Main circuit: Straight-through transformer Auxiliary circuit: Spring-type terminal 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
power loss [W] for rated value of the current at AC in hot operating state	0.2 W
• per pole	0.07 W
insulation voltage with degree of pollution 3 at AC rated value	690 V
surge voltage resistance rated value	6 kV
maximum permissible voltage for safe isolation in networks with grounded star point	
 between auxiliary and auxiliary circuit 	300 V
 between auxiliary and auxiliary circuit 	300 V
 between main and auxiliary circuit 	600 V
 between main and auxiliary circuit 	690 V
shock resistance	15g / 11 ms
according 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/s ² ; 10 cycles
thermal current	80 A
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
reference code according to IEC 81346-2	F
Substance Prohibitance (Date)	10/15/2014
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	20 80 A
operating voltage	
rated value	690 V
 for remote-reset function at DC 	24 V

and AC-Se rated value perational current rated value operational current at AC-Se at 400 V rated value operational current at AC-Se at 400 V rated value operational current at AC-Se at 400 V rated value operating power a for AC motors at 500 V at 50 Hz b for AC motors at 500 V at 50 Hz c for AC motors at 500 V at 50 Hz b for AC motors at 500 V at 50 Hz c for AC motors at 500 V at 50 Hz c for AC motors at 500 V at 50 Hz c for AC motors at 500 V at 50 Hz b for AC motors at 500 V at 50 Hz c for AC motors at 500 V at 50 Hz c for AC motors at 500 V at 50 Hz c for AC motors at 500 V at 50 Hz c for AC motors at 500 V at 50 Hz c for AC motors at 500 V at 50 Hz c for AC motors at 500 V at 50 Hz c for AC motors at 500 V at 50 Hz c for AC motors at 500 V at 50 Hz c for AC motors at 500 V at 50 Hz c for AC motors at 500 V c for 110 V c for 125 V c for AC motors at 500 V c for 110 V c for 11		
operational current rated value operating power • for 3-Poisse motors at 400 V at 50 Hz • for AC motors at 500 V at 50 Hz • for AC motors at	 at AC-3e rated value maximum 	690 V
operational current at AC-3e at 400 V rated value operating power • for 3-phase motions at 400 V at 50 Hz • for AC motions at 500 V at 50 Hz • for AC motions at 500 V at 50 Hz • for AC motions at 500 V at 50 Hz • for AC motions at 500 V at 50 Hz • for AC motions at 500 V at 50 Hz • for AC motions at 500 V at 50 Hz Auxiliary circuit unumber of NC contacts for auxiliary contacts • note • number of NC contacts for auxiliary contacts • note • number of CO contacts for auxiliary contacts • note • number of CO contacts for auxiliary contacts • note • number of CO contacts for auxiliary contacts • note • number of CO contacts for auxiliary contacts • note • number of CO contacts for auxiliary contacts • note • number of CO contacts at AC-15 • at 24 V • at 110 V • at 125 V • at 125 V • at 320 V • at 110 V • at 125 V • at 120 V • at 100 V • at 125 V • at 120 V • at 100 V •		
operating power • for 3-C motions at 400 V at 50 Hz • for AC motions at 500 V at 50 Hz • for AC motions at 500 V at 50 Hz • for AC motions at 500 V at 50 Hz • for AC motions at 500 V at 50 Hz • for AC motions at 500 V at 50 Hz • for AC motions at 500 V at 50 Hz • for AC motions at 500 V at 50 Hz * motel • note • at 110 V • at 120 V	•	
• for 3-phase motors at 400 V at 50 Hz • for AC motors at 600 V at 50 Hz • for AC motors at 600 V at 50 Hz • for AC motors at 600 V at 50 Hz • for AC motors at 600 V at 50 Hz design of the auxiliary switch number of NC contacts for auxiliary contacts • note note of NC contacts for auxiliary contacts • note number of NO contacts for auxiliary contacts • note number of CO contacts for auxiliary contacts • at 24 V • at 110 V • at 120 V • at 125 V • at 230 V • at 110 V • at 125 V • at 24 V • at 110 V • at 125 V • at 24 V • at 120 V • at 125 V • at 24 V • at 100 V • at 120 V • at 120 V • at 100 V • at 120 V • at 100 V • at 120 V • at 100 V	•	80 A
• for AC motors at 690 V at 50 Hz • for AC motors at 690 V at 50 Hz • for AC motors at 690 V at 50 Hz Auxiliary circuit design of the auxiliary switch • mote • at 240 V • at 110 V • at 120 V • at 125 V • at 220 V • at 125 V • at		
e for AC motors at 890 V at 50 Hz Auxillary circuit design of the auxiliary switch number of NC contacts for auxillary contacts e note number of NO contacts for auxillary contacts e note number of CO contacts for auxillary contacts e note number of CO contacts for auxillary contacts e note number of CO contacts for auxillary contacts e note number of CO contacts for auxillary contacts e at 24 V e at 110 V e at 120 V e at 12	•	
Auxiliary circuit design of the auxiliary switch number of NC contacts for auxiliary contacts • note number of NC contacts for auxiliary contacts • note number of CO contacts for auxiliary contacts • note number of CO contacts for auxiliary contacts • note number of CO contacts for auxiliary contacts • a 24 V • at 110 V • at 120 V • at 120 V • at 125 V • at 125 V • at 120 V • at 160 V • at 110 V • at 110 V • at 110 V • at 125 V •		
design of the auxiliary switch number of NC contacts for auxiliary contacts + note number of NC contacts for auxiliary contacts + note number of NC contacts for auxiliary contacts + note number of CO contacts for auxiliary contacts + note number of CO contacts for auxiliary contacts + note number of CO contacts for auxiliary contacts at AC-15 + at 24 V + at 110 V + at 125 V + at 125 V + at 125 V + at 28 V + at 80 V + at 24 V + at 80 V + at 125 V + at 24 V + at 80 V + at 125 V + at 22 V + at 80 V + at 125 V + at 22 V + at 80 V + at 125 V + at 20 V + at 125 V + at 125 V +		18.5 75 kW
number of NC contacts for auxillary contacts		
e note number of NO contacts for auxiliary contacts e note number of CO contacts for auxiliary contacts operational current of auxiliary contacts at AC-15 e at 24 V e at 110 V e at 120 V e at 120 V e at 120 V e at 230 V e at 24 V e at 300 V e at 120 V e at 110 V e at 125 V e at 24 V e at 30 V e at 110 V e at 125 V e at 20 V e at 110 V e at 125 V e at 20 V e at 120 V e at		
number of NO contacts for auxillary contacts for message "tripped"		
e note number of CO contacts for auxiliary contacts operational current of auxiliary contacts at AC-15 e 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		
number of CO contacts for auxiliary contacts at AC-15 • at 24 V • at 110 V • at 120 V • at 125 V • at 230 V operational current of auxiliary contacts at DC-13 • at 24 V • at 100 V • at 125 V • at 230 V operational current of auxiliary contacts at DC-13 • at 24 V • at 10 V • at 125 V • at 60 V • at 110 V • at 110 V • at 125 V • at 20 V • at 110 V • at 125 V • at 220 V • at 110 V • at 125 V • at 220 V • at 125 V • at 220 V • at 125 V • at 20 C • at 100 V • at 125 V • at 220 V • at 100 V • at 125 V •		
operational current of auxillary contacts at AC-15 • at 24 V • at 110 V • at 125 V • at 230 V • at 230 V • at 24 V • at 230 V • at 24 V • at 25 V • at 220 V • at 220 V • at 125 V • at 200 C • at 125 V • at 200 V V • at 2		
* at 124 V * at 120 V * at 120 V * at 125 V * at 220 V * operational current of auxiliary contacts at DC-13 * at 24 V * at 60 V * at 125 V * at 110 V * at 125 V * at 126 V * at 126 V * at 126 V * at 126 V * at 127 V * at 127 V * at 128 V * at 128 V * at 10 V * at 1		U
e at 110 V e at 125 V e at 126 V e at 160 V e at 110 V e at 125 V e at 127 V e at 10 V e at 127 V e at 128 V e		A A
• at 120 V • at 125 V • at 125 V • at 125 V • at 125 V • at 220 V operational current of auxiliary contacts at DC-13 • at 24 V • at 60 V • at 110 V • at 125 V • at 120 V Protective and monitoring functions trip class design of the overload release response value current of the grounding protection minimum response time of the grounding protection in settled state operating range of the grounding protection relating to current set value • minimum • maximum IMotor > lower current setting value • minimum • maximum IL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 430 V rated value • at 600 V rated value • at 600 V rated value • at 600 V rated value • with type of coordination 1 required — with type of coordination 1 required — with type of assignment 2 required — with type of fassignment 2 required — with type of fassignment 2 required — with type of fassignment 2 required — with type of coordination 1 required — with type of coordination 5 from an current in the first auxiliary switch required Installation/mounting/dimensions mounting position fastening method height width Operators and the first auxiliary and control circuit type of electrical connection • for main current removable terminal for auxiliary and control circuit type of electrical connection • for main current circuit • for auxiliary and control circuit verifications stripe daded terminals product component removable terminal for auxiliary and control circuit type of electrical connection • for main current circuit • for auxiliary and control circuit verifications stripe daded terminals stripe daded terminals		
e at 125 V e at 230 V operational 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 60 V e at 125 V e at 220 V e at 22		
• at 230 V operational current of auxiliary contacts at DC-13 • at 24 V • at 60 V • at 110 V • at 1125 V • at 125 V • at 220 V Protective and monitoring functions trip class dosign of the overload release response value current of the grounding protection minimum response time of the grounding protection in settled state operating range of the grounding protection relating to current set value • minimum IMotor > lower current setting value × 3.5 UL/GSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value • and 600 V rated value • and 600 v rated value • for 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 coordination 1 required — with type of assignment 2 required • for short-circuit protection of the main circuit afstening method height width formain current circuit type of electrical connection • for main current circuit type of electrical connection • for main current circuit type of electrical connection • for main current circuit type of electrical connection • for main current circuit • for auxiliary and control circuit type of electrical connection • for main current circuit • for auxiliary and control circuit • for main current circuit • for formain current circuit • for auxiliary and control circuit • formain current circu		
e at 24 V 2 A		
at 24 V at 60 V at 110 V at 125 V at 122 V 0.3 A at 122 V 0.11 A Protective and monitoring functions trip class design of the overload release response value current of the grounding protection minimum response time of the grounding protection in settled state operating range of the grounding protection relating to current set value minimum n maximum Motor < upper current setting value minimum n maximum Motor < upper current setting value minimum n maximum Motor < upper current setting value x 3.5 UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value at 600 or rated value at 600 V rated value at 600 or rated value at 600		3 A
at 60 V at 110 V at 125 V at 220 V Protective and monitoring functions trip class design of the overload release response value current of the grounding protection minimum response time of the grounding protection in settled state operating range of the grounding protection relating to current set value minimum menimum me		2 /
e at 125 V e at 125 V e at 220 V 0.3 A 0.3 A 0.3 A 0.3 A 0.3 A 0.11 A Protective and monitoring functions trip class design of the overload release response value current of the grounding protection minimum response time of the grounding protection is settled state operating range of the grounding protection relating to current set value e minimum e maximum liMotor > lower current setting value e minimum e maximum liMotor > lower current setting value x 3.5 UL/CSA ratings full-load current (FLA) for 3-phase AC motor e at 48 OV rated value e at 600 V rated value e at 600 V rated value e with type of coordination 1 required with type of coordination 1 required with type of coordination 1 required e for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method height width dopth Connections/ Terminals product component removable terminal for auxiliary and control circuit for main current circuit e for maxiliary and control circuit e for auxiliary and control circuit e for maxiliary and control circuit e for auxiliary and		
at 125 V 0.11 A Protective and monitoring functions trip class design of the overload release response value current of the grounding protection minimum response time of the grounding protection in settled state operating range of the grounding protection relating to current set value inimimum imaximum im		
e at 220 V Protective and monitoring functions trip class design of the overload release response value current of the grounding protection minimum response time of the grounding protection in settled state operating range of the grounding protection relating to current set value in minimum maximum Motor > lower current setting value individual ways and the setting value and the setting va		
trip class design of the overload release response value current of the grounding protection minimum response time of the grounding protection in settled state operating range of the grounding protection relating to current set value • minimum • maximum Motor > lower current setting value x 3.5 Motor = lower current setting va		
trip class design of the overload release response value current of the grounding protection minimum response time of the grounding protection in settled state operating range of the grounding protection relating to current set value • minimum • maximum **IMotor > lower current setting value • minimum • maximum **IMotor > lower current setting value • minimum • maximum **IMotor > lower current setting value • Minimum • maximum **IMotor > lower current setting value • Minimum • maximum **IMotor > lower current setting value • Minimum • maximum **IMotor > lower current setting value • Minimum • maximum **IMotor > lower current setting value • Minimum • maximum **IMotor > lower current setting value • Minimum • maximum **IMotor > lower current setting value • Minimum • maximum **IMotor > lower current setting value • Minimum • maximum **IMotor > lower current setting value • Minimum • maximum **IMotor > lower current setting value • Minimum • maximum **IMotor > lower current setting value • Minimum • Minimu		V.1171
design of the overload release response value current of the grounding protection minimum response time of the grounding protection in settled state operating range of the grounding protection relating to current set value • minimum • maximum Motor > lower current setting value maximum Motor < upper current setting value		CLASS 5E 10E 20E and 30E adjustable
response value current of the grounding protection minimum response time of the grounding protection in settled state operating range of the grounding protection relating to current set value • minimum • maximum IMotor > lower current setting value • minimum • maximum IUCSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value • at 600 V rated value • for short-circuit protection design of the fuse link • for short-circuit protection of the main circuit — with type of assignment 2 required — with type of assignment 2 required • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method height vidth of product component removable terminal for auxiliary and control circuit • for auxiliary and control circuit **Test Motor ** Motor > lower current setting value Motor < upper current setting value Motor	·	·
minimum response time of the grounding protection in settled state operating range of the grounding protection relating to current set value • minimum • maximum Motor > lower current setting value Motor < upper current setting value x 3.5 Motor < upper current setting value x 3.5	_	
state operating range of the grounding protection relating to current set value • minimum • maximum • maximum Motor > lower current setting value Motor > upper current setting value x 3.5 Moto		
operating range of the grounding protection relating to current set value • minimum • maximum IMotor > lower current setting value • minimum • maximum IMotor < upper current setting value • motive current setting value × 3.5 UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value • or short-circuit protection design of the fuse link • for short-circuit protection of the main circuit — with type of coordination 1 required • for short-circuit protection of the auxiliary switch required installation/ mounting/ dimensions mounting position fastening method height • at mm vidth vidth • 55 mm depth Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection • for main current circuit • for auxiliary and control circuit • spring-loaded terminals		1 000 ms
to current set value		
minimum maximum 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 at 480 V rated value at 600 V rated value at 600 V rated value at 600 V rated value so A so A son-circuit protection design of the fuse link of or short-circuit protection of the main circuit — with type of coordination 1 required — with type of assignment 2 required of or short-circuit protection of the auxiliary switch required installation/ mounting/ dimensions mounting position fastening method height width son son son son connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection of or main current circuit of or auxiliary and control circuit son auxiliary and control circuit spring-loaded terminals		
Motor < upper current setting value x 3.5		IMotor > lower current setting value
full-load current (FLA) for 3-phase AC motor		· ·
full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value 80 A 80 A 80 B 800 / R300 Short-circuit protection design of the fuse link • for short-circuit protection of the main circuit — with type of coordination 1 required 9 G: 250 A, RK5: 300 A 9 with type of assignment 2 required 9 of short-circuit protection of the auxiliary switch required 1 of 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 Installation/ mounting/ dimensions mounting position fastening method height 81 mm width depth 109 mm Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection • for main current circuit • for auxiliary and control circuit straight-through transformers spring-loaded terminals		The contract of the contract o
at 480 V rated value at 600 V rated value becontact rating of auxiliary contacts according to UL Short-circuit protection design of the fuse link of r short-circuit protection of the main circuit — with type of coordination 1 required — with type of assignment 2 required of required of rshort-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method height width depth 109 mm Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection of or auxiliary and control circuit spring-loaded terminals so A 80		
at 600 V rated value contact rating of auxiliary contacts according to UL Short-circuit protection design of the fuse link		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 gG: 250 A, RK5: 300 A • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method height width depth Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection • for main current circuit • for auxiliary and control circuit spring-loaded terminals		
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 gG: 250 A, RK5: 300 A • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method height width depth 109 mm Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection • for main current circuit • for auxiliary and control circuit • for auxiliary and control circuit • for auxiliary and control circuit • for auxiliary and control circuit straight-through transformers spring-loaded terminals		
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 9G: 250 A, RK5: 300 A • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method height width depth 109 mm Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection • for main current circuit • for auxiliary and control circuit • for auxiliary and control circuit • for auxiliary and control circuit straight-through transformers spring-loaded terminals		2007 1000
 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 Installation/ mounting/ dimensions mounting position fastening method height width 55 mm depth 109 mm Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for main current circuit for auxiliary and control circuit straight-through transformers spring-loaded terminals 		
— with type of coordination 1 required — with type of assignment 2 required gG: 250 A, RK5: 300 A • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method height width depth Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection • for main current circuit • for auxiliary and control circuit • for auxiliary and control circuit • for auxiliary and control circuit spring-loaded terminals	_	
— with type of assignment 2 required • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method height width beth Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection • for main current circuit • for auxiliary and control circuit • for auxiliary and control circuit • for auxiliary and control circuit • for auxiliary and control circuit • spring-loaded terminals	•	gG: 250 A, RK5: 300 A
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method height width 55 mm depth 109 mm Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for main current circuit for auxiliary and control circuit efforts for auxiliary and control circuit spring-loaded terminals fuse gG: 6 A straight-through transformers spring-loaded terminals	· · · · · · · · · · · · · · · · · · ·	
Installation/ mounting/ dimensions mounting position fastening method height width formulation Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for main current circuit for auxiliary and control circuit spring-loaded terminals		
mounting position fastening method stand-alone installation height stand-alone installation 81 mm width s55 mm depth 109 mm Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection of or main current circuit of or auxiliary and control circuit spring-loaded terminals	·	
fastening method height width stand-alone installation 81 mm stand-alone installation 81 mm 55 mm depth 109 mm Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection • for main current circuit • for auxiliary and control circuit spring-loaded terminals	Installation/ mounting/ dimensions	
height 81 mm width 55 mm depth 109 mm Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection • for main current circuit • for auxiliary and control circuit spring-loaded terminals		
width 55 mm depth 109 mm Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection • for main current circuit • for auxiliary and control circuit straight-through transformers spring-loaded terminals	fastening method	stand-alone installation
depth 109 mm Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection • for main current circuit straight-through transformers • for auxiliary and control circuit spring-loaded terminals	_	81 mm
product component removable terminal for auxiliary and control circuit type of electrical connection • for main current circuit • for auxiliary and control circuit straight-through transformers spring-loaded terminals		
product component removable terminal for auxiliary and control circuit type of electrical connection • for main current circuit • for auxiliary and control circuit straight-through transformers spring-loaded terminals		109 mm
and control circuit type of electrical connection • for main current circuit • for auxiliary and control circuit straight-through transformers spring-loaded terminals	Connections/ Terminals	
type of electrical connection • for main current circuit • for auxiliary and control circuit straight-through transformers spring-loaded terminals		Yes
 for main current circuit for auxiliary and control circuit straight-through transformers spring-loaded terminals 		
• for auxiliary and control circuit spring-loaded terminals		the interest the second terms of the second
arrangement of electrical connectors for main current	-	
	arrangement of electrical connectors for main current	ויטף מווע שטונטווו

circuit
type of co
• for a
_
_
_
_
• at A
design of
size of th
Safety rela
protection 60529
Annah mun

onnectable conductor cross-sections

auxiliary contacts

solid

solid or stranded

- finely stranded with core end processing

- finely stranded without core end processing

WG cables for auxiliary contacts

screwdriver shaft e screwdriver tip

2x (0.25 ... 1.5 mm²)

2x (0,25 ... 1,5 mm²)

2x (0.25 ... 1.5 mm²)

2x (0.25 ... 1.5 mm²)

1x (24 ... 16), 2x (24 ... 16)

Diameter 5 to 6 mm

Pozidriv PZ 2

1	Safety related data
	protection class IP on the front according to IEC 60529
	touch protection on the front according to IEC 60529

IP20

finger-safe, for vertical contact from the front

Communication/ Protocol

type of voltage supply via input/output link master

No

Electromagnetic compatibility

conducted interference

• due to burst according to IEC 61000-4-4

2 kV (power ports), 1 kV (signal ports) corresponds to degree of severity • due to conductor-earth surge according to IEC 2 kV (line to earth) corresponds to degree of severity 3

61000-4-5

• due to conductor-conductor surge according to IEC 61000-4-5

1 kV (line to line) corresponds to degree of severity 3

• due to high-frequency radiation according to IEC 61000-4-6

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 electrostatic discharge according to IEC 61000-4-2

10 V/m

6 kV contact discharge / 8 kV air discharge

display version for switching status

Slide switch

Certificates/ approvals

General Product Approval

EMC



Confirmation









For use in hazardous locations

Declaration of Conformity

Test Certificates

Marine / Shipping







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

Type Test Certificates/Test Report



Marine / Shipping







Confirmation

other

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=3RB3133-4WX1

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RB3133-4WX1

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

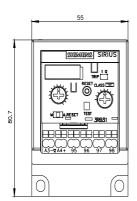
https://support.industry.siemens.com/cs/ww/en/ps/3RB3133-4WX1

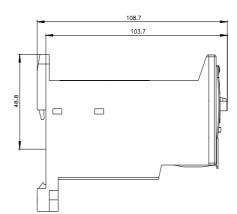
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RB3133-4WX1&lang=en

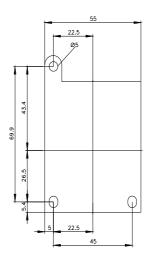
Characteristic: Tripping characteristics, I2t, Let-through current

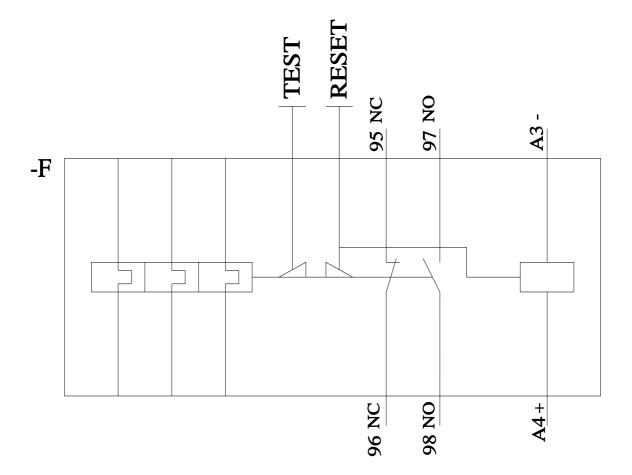
https://support.industry.siemens.com/cs/ww/en/ps/3RB3133-4WX1/char

Further characteristics (e.g. electrical endurance, switching frequency)
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RB3133-4WX1&objecttype=14&gridview=view1









last modified: 2/9/2022 🖸