## **SIEMENS**

Data sheet 3RB3036-2UB0



Overload relay 12.5...50 A Electronic For motor protection Size S2, Class 20E Contactor mounting Main circuit: Screw Auxiliary circuit: Screw Manual-Automatic-Reset

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	1.8 W			
• per pole	0.6 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				
<ul> <li>between auxiliary and auxiliary circuit</li> </ul>	300 V			
<ul> <li>between auxiliary and auxiliary circuit</li> </ul>	300 V			
<ul> <li>between main and auxiliary circuit</li> </ul>	600 V			
between main and auxiliary circuit	690 V			
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/s <sup>2</sup> ; 10 cycles			
thermal current	50 A			
recovery time after overload trip				
<ul> <li>with automatic reset typical</li> </ul>	3 min			
<ul><li>with remote-reset</li></ul>	0 min			
with manual reset	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			
reference code acc. to IEC 81346-2	F			
Substance Prohibitance (Date)	15.10.2014 00:00:00			
Ambient conditions				
installation altitude at height above sea level maximum	2 000 m			
ambient temperature				
<ul> <li>during operation</li> </ul>	-25 +60 °C			
during storage	-40 +80 °C			
during transport	-40 +80 °C			
temperature compensation	-25 +60 °C			

	(0.000)
relative humidity during operation	10 95 %
Main circuit	
number of poles for main current circuit	3
adjustable current response value current of the	12.5 50 A
current-dependent overload release	
operating voltage	
rated value	690 V
<ul> <li>at AC-3 rated value maximum</li> </ul>	690 V
operating frequency rated value	50 60 Hz
operational current rated value	50 A
operating power	
	7.5 22 kW
• for 3-phase motors at 400 V at 50 Hz	
• for AC motors at 500 V at 50 Hz	11 30 kW
for AC motors at 690 V at 50 Hz	11 45 kW
Auxiliary circuit	
design of the auxiliary switch	integrated
number of NC contacts for auxiliary contacts	1
• 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 20E
design of the overload release	electronic
UL/CSA ratings	CIOCH CHILD
-	
full-load current (FLA) for 3-phase AC motor	FO A
at 480 V rated value	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: 250 A
with type of assignment 2 required	gG: 200 A
for short-circuit protection of the auxiliary switch	fuse gG: 6 A
required	
Installation/ mounting/ dimensions	
mounting position	any
fastening method	Contactor mounting
height	99 mm
width	55 mm
depth	104 mm
Connections/ Terminals	
	Von
product component removable terminal for auxiliary and control circuit	Yes
type of electrical connection	
type of electrical conflection	

e for auxiliary and control circuit arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections e for main contacts — solid — stranded — solid or stranded — solid or stranded — finely stranded with core end processing e at AVNC cables for main contacts  1x (1 50 mm²), 2x (1 35 mm²) 1x (1 50 mm²), 2x (1 25 mm²) 1x (0 4 mm²), 2x (0 15 mm²) 1x (0 .	for main current circuit	screw-type terminals				
type of connectable conductor cross-sections  • for main contacts  — solid — stranded — solid or stranded — solid or stranded — finely stranded with core end processing • at AVMC cables for main contacts — solid — solid or stranded — solid or stranded — solid or stranded — finely stranded with core end processing • for auxiliary contacts — solid — solid or stranded — solid or stranded — finely stranded with core end processing • at AVMC cables for auxiliary contacts  • for main contacts with screw-type terminals • for maxiliary contacts with screw-type terminals • for auxiliary contacts with screw-type terminals  ### Adams	<ul> <li>for auxiliary and control circuit</li> </ul>	• •				
For main contacts         — solid         — stranded         — stranded         — solid or stranded         — solid or stranded         — solid or stranded         — solid or stranded         — finely stranded with core end processing         • at AVVC cables for main contacts	arrangement of electrical connectors for main current	•				
	type of connectable conductor cross-sections					
stranded solid or stranded finely stranded with core end processing • at AWG cables for main contacts  • type of connectable conductor cross-sections • for auxiliary contacts solid solid or stranded finely stranded with core end processing • at AWG cables for main contacts  • for auxiliary contacts solid solid or stranded finely stranded with core end processing • at AWG cables for auxiliary contacts  • for main contacts with screw-type terminals finely stranded with core end processing • at AWG cables for auxiliary contacts  • for main contacts with screw-type terminals for main contacts with screw-type terminals for auxiliary contacts with screw-type terminals design of the thread of the connection screw for main contacts for auxiliary and control contacts for auxiliary and control contacts for auxiliary and control contacts for finely protection on the front acc. to IEC 60529 for main contacts for finely protection on the front acc. to IEC 60529 for finely protection on the front acc. to IEC 60529 for finely protection on the front acc. to IEC 61000-4-5 due to burst acc. to IEC 61000-4-3 -	<ul> <li>for main contacts</li> </ul>					
- solid or stranded - finely stranded with core end processing	— solid	1x (1 50 mm²), 2x (1 35 mm²)				
<ul> <li>— finely stranded with core end processing</li> <li>* at AWG cables for main contacts</li> <li>* type of connectable conductor cross-sections</li> <li>• for auxiliary contacts</li> <li>— solid</li> <li>— solid or stranded</li> <li>— finely stranded with core end processing</li> <li>• at AWG cables for auxiliary contacts</li> <li>* finely stranded with core end processing</li> <li>• at AWG cables for auxiliary contacts</li> <li>* for main contacts with screw-type terminals</li> <li>• for main contacts with screw-type terminals</li> <li>• for main contacts with screw-type terminals</li> <li>design of screwdriver shaft</li> <li>part of the screwdriver tip</li> <li>design of the thread of the connection screw</li> <li>• for main contacts</li> <li>• of the auxiliary and control contacts</li> <li>• of the auxiliary and control contacts</li> <li>M6</li> <li>6 of the auxiliary and control contacts</li> <li>M6</li> <li>M6</li> <li>M6</li> <li>M6</li> <li>M7</li> <li>M8</li> <li>Safety related data</li> <li>Protection on the front acc. to IEC 60529</li> <li>IP20</li> <li>Ip20</li> <li>Inger-safe, for vertical contact from the front</li> <li>Communication/ Protocol</li> <li>type of voltage supply via input/output link master</li> <li>Electromagnetic compatibility</li> <li>Conducted interference</li> <li>• due to conductor-conductor surge acc. to IEC 61000-4-5</li> <li>• due to high-frequency radiation acc. to IEC 61000-4-5</li> <li>• due to high-frequency radiation acc. to IEC 61000-4-5</li> <li>• due to high-frequency radiation acc. to IEC 61000-4-5</li> <li>• due to high-frequency radiation acc. to IEC 61000-4-5</li> <li>Ho V (line to line) corresponds to degree of severity 3</li> <li>1 kV (line to line) corresponds to degree of severity 3</li> <li>1 kV (line to line) corresponds to degree of severity 3</li> <li>1 kV (line to line) corresponds to degree of severity 3</li> <li>1 kV (line to line) corresponds to degree of severity 3</li> <li>1 kV (line to line) corresponds to degree of severity 3</li> <li>1 kV (l</li></ul>	— stranded					
* at AWG cables for main contacts  **type of connectable conductor cross-sections*  **for auxiliary contacts*  - solid  - solid of stranded  - finely stranded with core end processing  **at AWG cables for auxiliary contacts*  - solid of stranded with core end processing  **at AWG cables for auxiliary contacts*  **tightening torque  **for main contacts with screw-type terminals*  **for main contacts with screw-type terminals*  **at of the screwdriver shaft*  size of the screwdriver shaft*  size of the screwdriver tip  design of the thread of the connection screw  **for main contacts*  **of the auxiliary and control contacts*  **Na  Safety related data  protection class IP on the front acc. to IEC 60529  finger-safe, for vertical contact from the front conducted interference*  **of ube to burst acc. to IEC 61000-4-4*  **of ube to conductor-conductor surge acc. to IEC 61000-4-5*  **of ube to conductor-conductor surge acc. to IEC 61000-4-5*  **of ube to conductor-conductor surge acc. to IEC 61000-4-5*  **of ube to high-frequency radiation acc. to IEC 61000-4-5*  **of ube to high-frequency radiation acc. to IEC 61000-4-2*  **lead to the province of the	<ul> <li>— solid or stranded</li> </ul>					
type of connectable conductor cross-sections  • for auxiliary contacts  — solid — solid or stranded — finely stranded with core end processing • at AWG cables for auxiliary contacts  • for main contacts with screw-type terminals • for main contacts with screw-type terminals • for auxiliary contacts with screw-type terminals • for auxiliary contacts with screw-type terminals • for main contacts • for main contacts with screw-type terminals • for main contacts with screw-type terminals • for main contacts with screw-type terminals • for main contacts • for main contact • for main contacts • for main contacts • for main contacts	<ul> <li>finely stranded with core end processing</li> </ul>					
• for auxiliary contacts  — solid  — solid or stranded — finely stranded with core end processing • at AWG cables for auxiliary contacts  tightening torque • for main contacts with screw-type terminals • for auxiliary contacts with screw-type terminals • for main contacts with screw-type terminals • for auxiliary contacts • for few auxiliary contacts • for exerciver type  10	at AWG cables for main contacts					
- solid - solid or stranded - solid or stranded - finely stranded with core end processing 1x (0.5 4 mm²), 2x (0.5 2.5 mm²) 1x (0.5 4 mm²), 2x (0.5 1.5 mm²) 1x (0.5 4 mm²), 2x (0.5 2.5 mm²) 1x (0.5 4 mm²), 2x (0.5 1.5 mm²) 1x (0.5 4 mm²), 2x (0.5 1.5 mm²) 1x (0	type of connectable conductor cross-sections					
- solid or stranded - finely stranded with core end processing  • at AWG cables for auxiliary contacts  tightening torque • for main contacts with screw-type terminals • for auxiliary contacts with screw-type terminals • filed-based interference acc. to IEC 61000-4-2  display version for switching status  Central Product Approval  1x (0.5 2.5 mm²), 2x (0.5 1.5 mm²)  1x (20 14), 2x (20 14)  1x (20 14), 2x (20	<ul> <li>for auxiliary contacts</li> </ul>					
<ul> <li>finely stranded with core end processing</li> <li>at AWG cables for auxiliary contacts</li> <li>tightening torque</li> <li>for main contacts with screw-type terminals</li> <li>for auxiliary contacts with screw-type terminals</li> <li>for auxiliary contacts with screw-type terminals</li> <li>for auxiliary contacts with screw-type terminals</li> <li>design of screwdriver shaft</li> <li>gize of the screwdriver shaft</li> <li>point of the thread of the connection screw</li> <li>for main contacts</li> <li>of the auxiliary and control contacts</li> <li>M6</li> <li>affety related data</li> <li>protection class IP on the front acc. to IEC 60529</li> <li>touch protection on the front acc. to IEC 60529</li> <li>touch protection on the front acc. to IEC 60529</li> <li>type of voltage supply via input/output link master</li> <li>elue to conductor-canth surge acc. to IEC 61000-4-5</li> <li>due to conductor-conductor surge acc. to IEC 61000-4-5</li> <li>due to conductor-conductor surge acc. to IEC 61000-4-3</li> <li>due to high-frequency radiation acc. to IEC 61000-4-2</li> <li>field-based interference acc. to IEC 61000-4-3</li> <li>field-based interference acc. to IEC 61000-4-2</li> <li>field-based interference acc. to IEC 61000-4-2</li> <li>display version for switching status</li> <li>Slide switch</li> </ul> For use in hazard-field in hazard-field scharge Product Approval	— solid	1x (0.5 4 mm²), 2x (0.5 2.5 mm²)				
tightening torque  • for main contacts with screw-type terminals  • for auxiliary contacts with screw-type terminals  design of screwdriver shaft  size of the screwdriver tip  design of the thread of the connection screw  • for main contacts  • of the auxiliary and control contacts  M6  • of the auxiliary and control contacts  M3  Safety related data  protection class IP on the front acc. to IEC 60529  touch protection on the front acc. to IEC 60529  finger-safe, for vertical contact from the front  Communication/ Protocol  type of voltage supply via input/output link master  Electromagnetic compatibility  conducted interference  • due to burst acc. to IEC 61000-4-4  • due to conductor-carth surge acc. to IEC 61000-4-5  • due to conductor-conductor surge acc. to IEC 61000-4-5  • due to high-frequency radiation acc. to IEC 61000-4-5  • due to high-frequency radiation acc. to IEC 61000-4-3  field-based interference acc. to IEC 61000-4-2  Display  display version for switching status  Silide switch  For use in hazard-  FMC  For use in hazard-	<ul> <li>solid or stranded</li> </ul>	1x (0,5 4 mm²), 2x (0,5 2,5 mm²)				
tightening torque  • for main contacts with screw-type terminals  • for auxiliary contacts with screw-type terminals  • for auxiliary contacts with screw-type terminals  design of screwdriver shaft  size of the screwdriver tip  design of the thread of the connection screw  • for main contacts  • for main contacts  • of the auxiliary and control contacts  M3  Safety rolated data  protection class IP on the front acc. to IEC 60529  touch protection on the front acc. to IEC 60529  touch protection on the front acc. to IEC 60529  type of voltage supply via input/output link master  Electromagnetic compatibility  conducted interference  • due to burst acc. to IEC 61000-4-4  • due to conductor-conductor surge acc. to IEC 61000-4-5  • due to conductor-conductor surge acc. to IEC 61000-4-5  • due to high-frequency radiation acc. to IEC 61000-4-3  electrostatic discharge acc. to IEC 61000-4-2  Display  display version for switching status  FMC  For use in hazard-  FMC  For use in hazard-	<ul> <li>finely stranded with core end processing</li> </ul>	1x (0.5 2.5 mm²), 2x (0.5 1.5 mm²)				
• for main contacts with screw-type terminals • for auxiliary contacts with screw-type terminals design of screwdriver shaft size of the screwdriver tip Diameter 5 to 6 mm size of the screwdriver tip design of the thread of the connection screw • for main contacts • of the auxiliary and control contacts M6 M3 Safety related data protection class IP on the front acc. to IEC 60529 touch protection on the front acc. to IEC 60529 touch protection on the front acc. to IEC 60529 type of voltage supply via input/output link master 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 4 kV (line to earth) corresponds to degree of severity 3 1 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 field-based interference acc. to IEC 61000-4-2 Display display version for switching status  Certificates/ approvals  FMC For use in hazard-	at AWG cables for auxiliary contacts	1x (20 14), 2x (20 14)				
design of screwdriver shaft size of the screwdriver tip design of the thread of the connection screw of or main contacts of the auxiliary and control contacts  M6 of the auxiliary and control contacts M3  Safety rolated data protection class IP on the front acc. to IEC 60529 touch protection on the front acc. to IEC 60529 touch protection on the front acc. to IEC 60529 touch protection on the front acc. to IEC 60529 touch protection on the front acc. to IEC 60529 touch protection on the front acc. to IEC 60529  touch protection on the front acc. to IEC 60529  touch protection on the front acc. to IEC 60529  touch protection on the front acc. to IEC 60529  touch protection on the front acc. to IEC 60529  touch protection on the front acc. to IEC 60529  touch protection on the front acc.  Vpe of voltage supply via input/output link master  Flectromagnetic compatibility  conducted interference  due to burst acc. to IEC 61000-4-4  due to conductor-earth surge acc. to IEC 61000-4-5  due to conductor-conductor surge acc. to IEC 61000-4-5  due to conductor-conductor surge acc. to IEC 61000-4-6  due to high-frequency radiation acc. to IEC 61000-4-6  field-based interference acc. to IEC 61000-4-3  electrostatic discharge acc. to IEC 61000-4-2  Display  General Product Approval  For use in hazard-  For use in hazard-	tightening torque					
design of screwdriver shaft size of the screwdriver tip  design of the thread of the connection screw	<ul> <li>for main contacts with screw-type terminals</li> </ul>	3 4.5 N·m				
size of the screwdriver tip  design of the thread of the connection screw  of the auxiliary and control contacts  of the auxiliary and control contacts  M6  Safety related data  protection class IP on the front acc. to IEC 60529  touch protection on the front acc. to IEC 60529  touch protection on the front acc. to IEC 60529  touch protection on the front acc. to IEC 60529  type of voltage supply via input/output link master  Electromagnetic compatibility  conducted interference  of under the front acc. to IEC 61000-4-4  and to conductor-carth surge acc. to IEC 61000-4-5  of under to conductor-conductor surge acc. to IEC 61000-4-5  of under to high-frequency radiation acc. to IEC 61000-4-3  field-based interference acc. to IEC 61000-4-3  electrostatic discharge acc. to IEC 61000-4-3  electrostatic discharge acc. to IEC 61000-4-2  field-based interference acc. to IEC 61000-4-2  field-based interference acc. to IEC 61000-4-2  field-based interference acc. to IEC 61000-4-3  electrostatic discharge acc. to IEC 61000-4-2  field-based interference acc. to IEC 61000-4-2  field-based interference acc. to IEC 61000-4-2  field-based interference acc. to IEC 61000-4-3  electrostatic discharge acc. to IEC 61000-4-2  field-based interference acc. to IEC 61000-4-2  field-based interference acc. to IEC 61000-4-3  electrostatic discharge acc. to IEC 61000-4-2  field-based interference acc. to IEC 61000-4-3  field-based interference acc. to IEC 61000-4-5  field-b	for auxiliary contacts with screw-type terminals	0.8 1.2 N·m				
design of the thread of the connection screw	design of screwdriver shaft	Diameter 5 to 6 mm				
of the auxiliary and control contacts     of the auxiliary and control contacts     M3  Safety related data  protection class IP on the front acc. to IEC 60529  touch protection on the front acc. to IEC 60529  finger-safe, for vertical contact from the front  Communication/ Protocol  type of voltage supply via input/output link master  Electromagnetic compatibility  conducted interference     odue to burst acc. to IEC 61000-4-4      odue to conductor-earth surge acc. to IEC 61000-4-5     odue to conductor-conductor surge acc. to IEC 61000-4-5     odue to high-frequency radiation acc. to IEC 61000-4-3     odue to high-		Pozidriv PZ 2				
of the auxiliary and control contacts      Safety related data      protection class IP on the front acc. to IEC 60529     touch protection on the front acc. to IEC 60529     finger-safe, for vertical contact from the front      Communication/ Protocol      type of voltage supply via input/output link master	design of the thread of the connection screw					
protection class IP on the front acc. to IEC 60529  touch protection on the front acc. to IEC 60529  type of voltage supply via input/output link master  Electromagnetic compatibility  conducted interference  • due to burst acc. to IEC 61000-4-4  • due to conductor-earth surge acc. to IEC 61000-4-5  • due to conductor-conductor surge acc. to IEC 61000-4-5  • due to high-frequency radiation acc. to IEC 61000-4-6  field-based interference acc. to IEC 61000-4-3  electrostatic discharge acc. to IEC 61000-4-2  Display  display version for switching status  FMC  For use in hazard-  FMC  For use in hazard-	<ul> <li>for main contacts</li> </ul>	M6				
protection class IP on the front acc. to IEC 60529  touch protection on the front acc. to IEC 60529  finger-safe, for vertical contact from the front  Communication/ Protocol  type of voltage supply via input/output link master  Electromagnetic compatibility  conducted interference  • due to burst acc. to IEC 61000-4-4  • due to conductor-earth surge acc. to IEC 61000-4-5  • due to conductor-conductor surge acc. to IEC 61000-4-5  • due to high-frequency radiation acc. to IEC 61000-4-6  field-based interference acc. to IEC 61000-4-3  electrostatic discharge acc. to IEC 61000-4-2  Display  display version for switching status  IP20  finger-safe, for vertical contact from the front  Root State of Index of In	of the auxiliary and control contacts	M3				
touch protection on the front acc. to IEC 60529  Communication/ Protocol  type of voltage supply via input/output link master  Electromagnetic compatibility  conducted interference  • due to burst acc. to IEC 61000-4-4  • due to conductor-earth surge acc. to IEC 61000-4-5  • due to conductor-conductor surge acc. to IEC 61000-4-5  • due to high-frequency radiation acc. to IEC 61000-4-3  field-based interference acc. to IEC 61000-4-3  electrostatic discharge acc. to IEC 61000-4-2  Display  display version for switching status  fends:  finger-safe, for vertical contact from the front  for vertical contact from the fort  for vertical contact fr	Safety related data					
type of voltage supply via input/output link master  Electromagnetic compatibility  conducted interference  • due to burst acc. to IEC 61000-4-4  • due to conductor-earth surge acc. to IEC 61000-4-5  • due to conductor-conductor surge acc. to IEC 61000-4-5  • due to conductor-conductor surge acc. to IEC 61000-4-5  • due to high-frequency radiation acc. to IEC 61000-4-6  field-based interference acc. to IEC 61000-4-3  electrostatic discharge acc. to IEC 61000-4-2  Display  display version for switching status  General Product Approval  No  2 kV (power ports), 1 kV (signal ports) corresponds to degree of severity 3  1 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  field-based interference acc. to IEC 61000-4-3  electrostatic discharge acc. to IEC 61000-4-2  Slide switch  Certificates/ approvals  For use in hazard-	protection class IP on the front acc. to IEC 60529	IP20				
type of voltage supply via input/output link master    Electromagnetic compatibility	touch protection on the front acc. to IEC 60529	finger-safe, for vertical contact from the front				
Electromagnetic compatibility  conducted interference  • due to burst acc. to IEC 61000-4-4  • due to conductor-earth surge acc. to IEC 61000-4-5  • due to conductor-conductor surge acc. to IEC 61000-4-5  • due to high-frequency radiation acc. to IEC 61000-4-6  field-based interference acc. to IEC 61000-4-3  electrostatic discharge acc. to IEC 61000-4-2  Display  display version for switching status  Certificates/ approvals  Z kV (power ports), 1 kV (signal ports) 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  field-based interference acc. to IEC 61000-4-3  10 V/m  6 kV contact discharge / 8 kV air discharge  For use in hazard-	Communication/ Protocol					
conducted interference  • due to burst acc. to IEC 61000-4-4  • due to conductor-earth surge acc. to IEC 61000-4-5  • due to conductor-conductor surge acc. to IEC 61000-4-5  • due to high-frequency radiation acc. to IEC 61000-4-6  • due to high-frequency radiation acc. to IEC 61000-4-6  field-based interference acc. to IEC 61000-4-3  electrostatic discharge acc. to IEC 61000-4-2  Display  display version for switching status  Certificates/ approval  EMC  For use in hazard-	type of voltage supply via input/output link master	of voltage supply via input/output link master No				
• due to burst acc. to IEC 61000-4-4     • due to conductor-earth surge acc. to IEC 61000-4-5     • due to conductor-conductor surge acc. to IEC 61000-4-5     • due to high-frequency radiation acc. to IEC 61000-4-6     • due to high-frequency radiation acc. to IEC 61000-4-6     field-based interference acc. to IEC 61000-4-3     electrostatic discharge acc. to IEC 61000-4-2     Display  display version for switching status  Certificates/ approvals  2 kV (power ports), 1 kV (signal ports) 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  Figure 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  Figure 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  Figure 1 kV (line to line) c	Electromagnetic compatibility					
• due to conductor-earth surge acc. to IEC 61000-4-5     • due to conductor-conductor surge acc. to IEC 61000-4-5     • due to high-frequency radiation acc. to IEC 61000-4-6     • due to high-frequency radiation acc. to IEC 61000-4-6     field-based interference acc. to IEC 61000-4-3     electrostatic discharge acc. to IEC 61000-4-2     Display     display version for switching status  General Product Approval  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 10 kHz	conducted interference					
<ul> <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-based interference acc. to IEC 61000-4-3</li> <li>electrostatic discharge acc. to IEC 61000-4-2</li> <li>Display</li> <li>died switch</li> <li>Certificates/ approvals</li> </ul> Slide switch For use in hazard- For use in hazard-	• due to burst acc. to IEC 61000-4-4					
61000-4-5	<ul> <li>due to conductor-earth surge acc. to IEC 61000-4-5</li> </ul>	2 kV (line to earth) corresponds to degree of severity 3				
field-based interference acc. to IEC 61000-4-3 electrostatic discharge acc. to IEC 61000-4-2  Display display version for switching status  Certificates/ approvals  For use in hazard-		1 kV (line to line) corresponds to degree of severity 3				
electrostatic discharge acc. to IEC 61000-4-2  Display  display version for switching status  Certificates/ approvals  For use in hazard-	9 , ,	,				
Display  display version for switching status  Certificates/ approvals  General Product Approval  For use in hazard-	field-based interference acc. to IEC 61000-4-3	10 V/m				
display version for switching status  Certificates/ approvals  For use in hazard-	electrostatic discharge acc. to IEC 61000-4-2	6 kV contact discharge / 8 kV air discharge				
Certificates/ approvals  General Product Approval  For use in hazard-	Display					
General Product Approval  FMC For use in hazard-	display version for switching status	Slide switch				
General Product Approval	Certificates/ approvals					
	General Product Approval		EMC			













Declaration of Conformity

Test Certificates

Marine / Shipping



Special Test Certificate

Type Test Certificates/Test Report







## Marine / Shipping

other







Confirmation

## **Further information**

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=3RB3036-2UB0

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RB3036-2UB0

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

https://support.industry.siemens.com/cs/ww/en/ps/3RB3036-2UB0

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

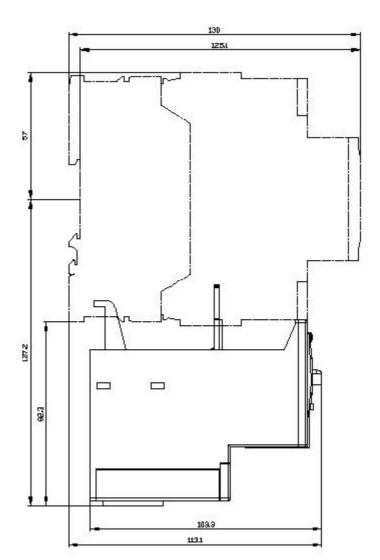
http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RB3036-2UB0&lang=en

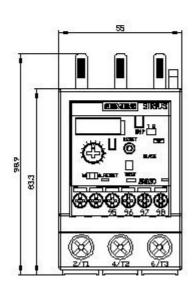
Characteristic: Tripping characteristics, I2t, Let-through current

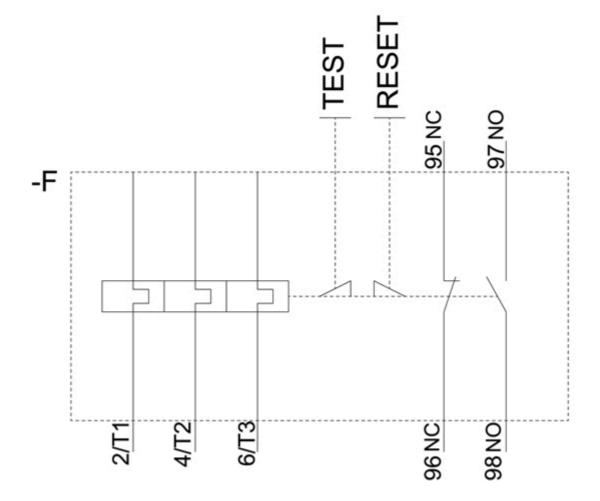
https://support.industry.siemens.com/cs/ww/en/ps/3RB3036-2UB0/char

Further characteristics (e.g. electrical endurance, switching frequency)

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RB3036-2UB0&objecttype=14&gridview=view1







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