## **SIEMENS**

Data sheet 3RB3026-1SB0

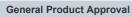


Overload relay 3...12 A Electronic For motor protection Size S0, Class 10E Contactor mounting Main circuit: Screw Auxiliary circuit: Screw Manual-Automatic-Reset

product brand name	SIRIUS	
product designation	solid-state overload relay	
product type designation	3RB3	
General technical data		
size of overload relay	S0	
size of contactor can be combined company-specific	S0	
power loss [W] for rated value of the current at AC in hot operating state	0.6 W	
• per pole	0.2 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 protective separation		
<ul> <li>in networks with ungrounded 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 ungrounded 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	
shock resistance	15g / 11 ms	
<ul> <li>according to IEC 60068-2-27</li> </ul>	15g / 11 ms; Signaling contact 97 / 98 in position "Tripped": 9g / 11 ms	
vibration resistance	1-6 Hz, 15 mm; 6-500 Hz, 20 m/s <sup>2</sup> ; 10 cycles	
thermal current	12 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	
reference code according to IEC 81346-2	F	
Substance Prohibitance (Date)	10/01/2009	
SVHC substance name	Lead monoxide (lead oxide) - 1317-36-8	
Weight	0.235 kg	
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	
relative humidity during operation	10 95 %	
Main circuit		
number of poles for main current circuit	3	

adicatella como de la	2 40 4
adjustable current response value current of the current- dependent overload release	3 12 A
operating voltage	
• rated value	690 V
at AC-3e rated value maximum	690 V
operating frequency rated value	50 60 Hz
operational current rated value	12 A
operational current at AC-3e at 400 V rated value	12 A
operating power	
• for 3-phase motors at 400 V at 50 Hz	1.5 5.5 kW
• for AC motors at 500 V at 50 Hz	1.5 5.5 kW
• for AC motors at 690 V at 50 Hz	2.2 7.5 kW
Auxiliary circuit	22 7.0 (()
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	J.A.
• 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	V.IIA
trip class	CLASS 10E
design of the overload release	electronic
UL/CSA ratings	electronic
full-load current (FLA) for 3-phase AC motor	
• at 480 V rated value	12 A
at 460 V rated value     at 600 V rated value	12 A
contact rating of auxiliary contacts according to UL	B600 / R300
	B000 / K300
Short-circuit protection	
design of the fuse link	
for short-circuit protection of the main circuit  with type of coordination 1 required.	aC+63 A DVE+45 A
with type of coordination 1 required  with type of assignment 2 required.	gG: 63 A, RK5: 45 A gG: 50 A, J: 45 A
<ul> <li>— with type of assignment 2 required</li> </ul>	
a for chart circuit protection of the cuvilians quitab required	
for short-circuit protection of the auxiliary switch required  Installation/ mounting/ dimensions	fuse gG: 6 A
Installation/ mounting/ dimensions	fuse gG: 6 A
Installation/ mounting/ dimensions mounting position	fuse gG: 6 A any
Installation/ mounting/ dimensions mounting position fastening method	fuse gG: 6 A  any  Contactor mounting
Installation/ mounting/ dimensions mounting position fastening method height	fuse gG: 6 A  any Contactor mounting 87 mm
Installation/ mounting/ dimensions mounting position fastening method height width	fuse gG: 6 A  any Contactor mounting 87 mm 45 mm
Installation/ mounting/ dimensions mounting position fastening method height width depth	fuse gG: 6 A  any Contactor mounting 87 mm
Installation/ mounting/ dimensions mounting position fastening method height width depth Connections/ Terminals	fuse gG: 6 A  any Contactor mounting 87 mm 45 mm 84 mm
Installation/ mounting/ dimensions mounting position fastening method height width depth	fuse gG: 6 A  any Contactor mounting 87 mm 45 mm
Installation/ mounting/ dimensions mounting position fastening method height width depth Connections/ Terminals product component removable terminal for auxiliary and control circuit	fuse gG: 6 A  any Contactor mounting 87 mm 45 mm 84 mm
Installation/ mounting/ dimensions mounting position fastening method height width depth Connections/ Terminals product component removable terminal for auxiliary and	fuse gG: 6 A  any Contactor mounting 87 mm 45 mm 84 mm  Yes
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	fuse gG: 6 A  any Contactor mounting 87 mm 45 mm 84 mm  Yes  screw-type terminals
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	fuse gG: 6 A  any Contactor mounting 87 mm 45 mm 84 mm  Yes
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  arrangement of electrical connectors for main current	fuse gG: 6 A  any Contactor mounting 87 mm 45 mm 84 mm  Yes  screw-type terminals screw-type terminals
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  arrangement of electrical connectors for main current circuit	fuse gG: 6 A  any Contactor mounting 87 mm 45 mm 84 mm  Yes  screw-type terminals screw-type terminals

stranded     solid or stranded     solid or stranded     solid or stranded     solid or stranded with core end processing     type of connectable conductor cross-sections     solid	atana da d	0 402
• finely stranded with core end processing  type of connectable conductor cross-sections  • for auxiliary contacts  — solid — solid or stranded — solid or stranded — finely stranded with core end processing • for AWR/G cables for auxiliary contacts  1x (0.5 4 mm²), 2x (0.5 2.5 mm²) — solid or stranded with core end processing • for AWR/G cables for auxiliary contacts  1x (0.5 4 mm²), 2x (0.5 2.5 mm²)  1x (0.5 2.5 mm²), 2x (0.5 2.5 mm²)  1x (0.5 4 mm²), 2x (0.5 1.5 mm²)  1x (0.5 4	• stranded	2x 10 mm <sup>2</sup>
• for auxiliary contacts     • for auxiliary contacts     — solid		
• for auxiliary contacts  — solid — solid or stranded — finely stranded with core end processing • for AWG cables for auxiliary contacts  1x (0.5 4 mm²), 2x (0.5 2.5 mm²)  1x (0.5 2.5 mm²), 2x (0.5 1.5 mm²)  • for AWG cables for auxiliary contacts  1x (20 14), 2x (20 14)  tightening torque • for main contacts with screw-type terminals • for auxiliary contacts with screw-type terminals •		1x (1 6 mm²), 2 x (1 6 mm²), 1x 10 mm²
solid or stranded 1x (0.5 4 mm²), 2x (0.5 2.5 mm²) finely stranded with core end processing 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 2.5 mm²) for AWG cables for auxiliary contacts 1x (20 14), 2x (20 14)  tightening torque for main contacts with screw-type terminals 2 2.5 N·m for auxiliary contacts with screw-type terminals 0.8 1.2 N·m design of screwdriver shaft 1.2 marter 5 to 6 mm size of the screwdriver tip 1 Pozidriv PZ 2  design of the thread of the connection screw for main contacts 1.2 m/4 of the auxiliary and control contacts 1.3 m/4 of the auxiliary and control contacts 1.3 m/4 of the auxiliary and control contacts 1.3 m/4 of the auxiliary and control contacts 1.4 m/4 of the development of the front according to IEC 60529 1.5 m/4  formunication/ Protocol  type of voltage supply via input/output link master 1.5 m/5  e due to conductor-carth surge according to IEC 61000-4-5 due to conductor-conductor surge according to IEC 61000-4-5 due to high-frequency radiation according to IEC 61000-4-3 due to high-frequency radiation according to IEC 61000-4-2 development of the contact discharge / 8 kV air discharge  Display version for switching status 1x (0.5 m/2, 2 kV contact discharge / 8 kV air discharge	· ·	
- solid or stranded - finely stranded with core end processing  • for AWG cables for auxiliary contacts  • for AWG cables for auxiliary contacts  1x (0.5 2.5 mm²), 2x (0.5 2,5 mm²)  1x (20 14), 2x (20 14)  tightening torque  • for main contacts with screw-type terminals  • for auxiliary contacts with screw-type terminals  • for main contacts  • for main contacts  • of the auxiliary and control contacts  M4  • of the auxiliary and control contacts  M3  Electrical Safety  protection class IP on the front according to IEC 60529  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  • due to burst according to IEC 61000-4-4  • due to conductor-carth surge according to IEC 61000-4-5  • due to conductor-conductor surge according to IEC 61000-4-5  • due to high-frequency radiation according to IEC 61000-4-3  • due to high-frequency radiation according to IEC 61000-4-3  • due to high-frequency radiation according to IEC 61000-4-3  • due to high-frequency radiation according to IEC 61000-4-3  • due to high-frequency radiation according to IEC 61000-4-3  • due to high-frequency radiation according to IEC 61000-4-3  • due to high-frequency radiation according to IEC 61000-4-3  • due to high-frequency radiation according to IEC 61000-4-3  • due to conductor-conductor-conductor surge according to IEC 61000-4-3  • due to high-frequency radiation according to IEC 61000-4-3  • due to high-frequency radiation according to IEC 61000-4-3  • due to conductor-conductor surge	•	
- finely stranded with core end processing  • for AWG cables for auxiliary contacts  tightening torque  • for main contacts with screw-type terminals  • for auxiliary contacts  • for auxiliary contacts with screw-type terminals  • for auxiliary contacts  • for auxiliary contacts  • for wertical contact from the front  • for aux		
• for AWG cables for auxiliary contacts  tightening torque  • for main contacts with screw-type terminals  • for auxiliary contacts with screw-type terminals  • Sa 1.2 N·m  Diameter 5 to 6 mm  size of the screwdriver tip  Pozidriv PZ 2  design of the thread of the connection screw  • for main contacts  • of the auxiliary and control contacts  M4  Selectrical Safety  protection class IP on the front according to IEC 60529  touch protection on the front according to IEC 60529  touch protection on the front according to IEC 60529  type of voltage supply via input/output link master  Selectromagnetic compatibility  conducted interference  • due to burst according to IEC 61000-4-4  • due to conductor-centh surge according to IEC 61000-4-5  • due to conductor-conductor surge according to IEC 61000-4-5  • due to high-frequency radiation according to IEC 61000-4-6  • due to high-frequency radiation according to IEC 61000-4-6  • due to high-frequency radiation according to IEC 61000-4-6  • due to high-frequency radiation according to IEC 61000-4-6  • due to high-frequency radiation according to IEC 61000-4-6  • due to high-frequency radiation according to IEC 61000-4-6  • due to high-frequency radiation according to IEC 61000-4-6  • due to high-frequency radiation according to IEC 61000-4-6  • due to high-frequency radiation according to IEC 61000-4-6  • due to high-frequency radiation according to IEC 61000-4-6  • due to high-frequency radiation according to IEC 61000-4-6  • due to high-frequency radiation according to IEC 61000-4-7  • due to something the form the frequency radiation according to IEC 61000-4-8  • due to high-frequency radiation according to IEC 61000-4-8  • due to high-frequency radiation according to IEC 61000-4-9  • due to high-frequency radiation according to IEC 61000-4-9  • due to high-fr		
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 Diameter 5 to 6 mm  size of the screwdriver tip Pozidriv PZ 2  design of the thread of the connection screw • for main contacts • for main contacts • 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  Plectromagnetic compatibility conducted interference • due to burst according to IEC 61000-4-4 • due to conductor-centh surge according to IEC 61000-4-5 • due to conductor-centh surge according to IEC 61000-4-5 • due to high-frequency radiation according to IEC 61000-4-3 • due to high-frequency radiation according to IEC 61000-4-3 electrostatic discharge according to IEC 61000-4-2 Display  display version for switching status  Slide switch	,	
• for main contacts with screw-type terminals • for auxiliary contacts with screw-type terminals 0.8 1.2 N·m  Jesus of the screwdriver shaft Jesus of the screwdriver tip Pozidriv PZ 2  design of screwdriver tip Pozidriv PZ 2  design of the thread of the connection screw • for main contacts Por main contacts  • of the auxiliary and control contacts  M4  • of the auxiliary and control contacts  M3  Electrical Safety protection class IP on the front according to IEC 60529  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 • due to burst according to IEC 61000-4-4 • due to conductor-earth surge according to IEC 61000-4-5 • due to conductor-conductor surge according to IEC 61000-4-5 • due to high-frequency radiation according to IEC 61000-4-3 • due to high-frequency radiation according to IEC 61000-4-3 electrostatic discharge according to IEC 61000-4-2  Display  display version for switching status  Slide switch	for AWG cables for auxiliary contacts	1x (20 14), 2x (20 14)
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	tightening torque	
design of screwdriver shaft size of the screwdriver tip  design of the thread of the connection screw  of train contacts of the auxiliary and control contacts  M4  of the auxiliary and control contacts  Electrical Safety protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529  touch protection on the front according to IEC 60529  type of voltage supply via input/output link master  No  Electromagnetic compatibility  conducted interference  of use to conductor-carth surge according to IEC 61000-4-5 of use to conductor-conductor surge according to IEC 61000-4-5 of use to high-frequency radiation according to IEC 61000-4-3 of use to high-frequency radiation according to IEC 61000-4-3 of iteld-based interference according to IEC 61000-4-2 of iteld-based interference according to IEC 61000-4-2 of kV contact discharge according to IEC 61000-4-2 of kV contact discharge / 8 kV air discharge  Display  display version for switching status  Diameter 5 to 6 mm  Pozidriv PZ 2  M4  A4  A5  A6  A6  A7  A7  A8  A8  A8  A8  A9  A9  A9  A9  A9  A9	•	
size of the screwdriver tip  design of the thread of the connection screw  of main contacts of the auxiliary and control contacts  Interpretation class IP on the front according to IEC 60529  touch protection on the front according to IEC 60529  touch protection on the front according to IEC 60529  type of voltage supply via input/output link master  No  Electromagnetic compatibility  conducted interference of due to burst according to IEC 61000-4-4 of due to conductor-cearth surge according to IEC 61000-4-5 of due to conductor-conductor surge according to IEC 61000-4-6 of due to high-frequency radiation according to IEC 61000-4-6 field-based interference according to IEC 61000-4-3 of due to conductor-cearth surge according to IEC 61000-4-6 of due to high-frequency radiation according to IEC 61000-4-6 field-based interference according to IEC 61000-4-3 of due to conductor-conductor surge according to IEC 61000-4-6 of due to high-frequency radiation according to IEC 61000-4-3 of due to high-frequency radiation according to IEC 61000-4-3 of due to conductor-conductor surge according to IEC 61000-4-3 of due to high-frequency radiation according to IEC 61000-4-3 of due to high-frequency radiation according to IEC 61000-4-3 of due to conductor-conductor surge according to IEC 61000-4-3 of due to high-frequency radiation according to IEC 61000-4-3 of due to high-frequency radiation according to IEC 61000-4-3 of due to high-frequency radiation according to IEC 61000-4-3 of due to high-frequency radiation according to IEC 61000-4-3 of due to high-frequency radiation according to IEC 61000-4-3 of due to high-frequency radiation according to IEC 61000-4-3 of due to high-frequency radiation according to IEC 61000-4-3 of due to high-frequency radiation according to IEC 61000-4-3 of due to high-frequency radiation according to IEC 61000-4-3 of due to high-frequency radiation according to IEC 61000-4-3 of due to high-frequency radiation according to IEC 61000-4-3 of due to high-frequency radiation according to IEC 61000-4-3	for auxiliary contacts with screw-type terminals	0.8 1.2 N·m
design of the thread of the connection screw  • for main contacts  • of the auxiliary and control contacts  M3  Electrical Safety  protection class IP on the front according to IEC 60529  touch protection on the front according to IEC 60529  type of voltage supply via input/output link master  No  Electromagnetic compatibility  conducted interference  • due to burst according to IEC 61000-4-4  • due to conductor-carth surge according to IEC 61000-4-5  • due to conductor-conductor surge according to IEC 61000-4-5  • due to high-frequency radiation according to IEC 61000-4-6  field-based interference according to IEC 61000-4-3  electrostatic discharge according to IEC 61000-4-2  Display  display version for switching status  M4  M4  M4  M4  M4  M4  M4  M4  M4  M	design of screwdriver shaft	Diameter 5 to 6 mm
of the auxiliary and control contacts     of the auxiliary and control contacts      Electrical Safety  protection class IP on the front according to IEC 60529  touch protection on the front according to IEC 60529  type of voltage supply via input/output link master  No  Electromagnetic compatibility  conducted interference      odue to burst according to IEC 61000-4-5     odue to conductor-carth surge according to IEC 61000-4-5     odue to conductor-conductor surge according to IEC 61000-4-5     odue to high-frequency radiation according to IEC 61000-4-3     odue to high-frequency radiation according to IEC 61000-4-3     odue to high-frequency radiation according to IEC 61000-4-3     odue to signal ports in the front  All V (line to earth) corresponds to degree of severity 3     odue to high-frequency radiation according to IEC 61000-4-6  field-based interference according to IEC 61000-4-3     odue to conductor-conductor surge according to IEC 61000-4-3     odue to high-frequency radiation according to IEC 61000-4-3     odue to signal ports in the front  All V (line to earth) corresponds to degree of severity 3     odue to line) corresponds to degree of severity 3     odue to signal ports in the front  All V (line to line) corresponds to degree of severity 3     odue to line) corresponds to degree of severity 3     odue to line) corresponds to degree of severity 3     odue to line) corresponds to degree of severity 3     odue to line) corresponds to degree of severity 3     odue to line) corresponds to degree of severity 3     odue to line) corresponds to degree of severity 3     odue to line) corresponds to degree of severity 3     odue to line) corresponds to degree of severity 3     odue to line) corresponds to degree of severity 3     odue to line) corresponds to degree of severity 3     odue to line) corresponds to degree of severity 3     odue to line) corresponds to degree of severity 3     odue to line) corresponds to degree of severity 3     odue to line) corresponds to degree of severity 3     o	size of the screwdriver tip	Pozidriv PZ 2
of the auxiliary and control contacts      Electrical Safety     protection class IP on the front according to IEC 60529     touch protection on the front according to IEC 60529      touch protection on the front according to IEC 60529      touch protection on the front according to IEC 60529      touch protection on the front according to IEC 60529      touch protection on the front according to IEC 60529      touch protection on the front according to IEC 60529      touch protection on the front according to IEC 60529      touch protection on the front according to IEC 60529      touch protection on the front according to IEC 60529      touch protection on the front according to IEC 60529      touch protection on the front according to IEC 60529      touch protection on the front according to IEC 60529      touch protection on the front according to IEC 61000-4-4      elue to workload interference     e due to burst according to IEC 61000-4-5      e due to conductor-conductor surge according to IEC 61000-4-5      e due to high-frequency radiation according to IEC 61000-4-3      elue to high-frequency radiation according to IEC 61000-4-3      field-based interference according to IEC 61000-4-3      field-based interference according to IEC 61000-4-3      electrostatic discharge according to IEC 61000-4-2      be two contact discharge / 8 kV air discharge  Display  display version for switching status      Slide switch	design of the thread of the connection screw	
Electrical Safety protection class IP on the front according to IEC 60529  touch protection on the front according to IEC 60529  type of voltage supply via input/output link master  type of voltage supply via input/output link master  No  Electromagnetic compatibility  conducted interference  • due to burst according to IEC 61000-4-4 • due to conductor-earth surge according to IEC 61000-4-5 • due to conductor-conductor surge according to IEC 61000-4-5 • due to high-frequency radiation according to IEC 61000-4-3 • due to high-frequency radiation according to IEC 61000-4-3 field-based interference according to IEC 61000-4-2  field-based interference according to IEC 61000-4-2  Display  display version for switching status  IP20 finger-safe, for vertical contact from the front  Field contact from the front	for main contacts	M4
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	of the auxiliary and control contacts	M3
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  • due to burst according to IEC 61000-4-4  • due to conductor-earth surge according to IEC 61000-4-5  • due to conductor-conductor surge according to IEC 61000-4-5  • due to high-frequency radiation according to IEC 61000-4-6  • due to high-frequency radiation according to IEC 61000-4-6  field-based interference according to IEC 61000-4-3  electrostatic discharge according to IEC 61000-4-2  Display  display version for switching status  finger-safe, for vertical contact from the front  No  10 Vin Service (Finger-safe, for vertical contact from the front  No  2 kV (lone to exth) 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  4-6  field-based interference according to IEC 61000-4-3  6 kV contact discharge / 8 kV air discharge  Display	Electrical Safety	
type of voltage supply via input/output link master  No  Electromagnetic compatibility  conducted interference  • due to burst according to IEC 61000-4-4  • due to conductor-earth surge according to IEC 61000-4-5  • due to conductor-conductor surge according to IEC 61000-4-5  • due to conductor-conductor surge according to IEC 61000-4-5  • due to high-frequency radiation according to IEC 61000-4-6  • due to high-frequency radiation according to IEC 61000-4-6  • due to high-frequency radiation according to IEC 61000-4-6  • due to high-frequency radiation according to IEC 61000-4-6  • due to high-frequency radiation according to IEC 61000-4-6  • due to high-frequency radiation according to IEC 61000-4-6  • due to high-frequency radiation according to IEC 61000-4-6  • due to high-frequency radiation according to IEC 61000-4-6  • due to high-frequency radiation according to IEC 61000-4-6  • due to high-frequency radiation according to IEC 61000-4-6  • due to high-frequency radiation according to IEC 61000-4-8  • due to high-frequency radiation according to IEC 61000-4-8  • due to high-frequency radiation according to IEC 61000-4-8  • due to high-frequency radiation according to IEC 61000-4-8  • due to high-frequency radiation according to IEC 61000-4-8  • due to high-frequency radiation according to IEC 61000-4-8  • due to conductor-conductor-conductor surge according to IEC 61000-4-5  • due to conductor-conductor surge according to IEC 61000-4-5  • due to conductor-conductor surge according to IEC 61000-4-5  • due to conductor-conductor surge according to IEC 61000-4-5  • due to conductor-conductor surge according to IEC 61000-4-5  • due to conductor-conductor surge according to IEC 61000-4-5  • due to conductor-conductor surge according to IEC 61000-4-5  • due to conductor-conductor surge according to IEC 61000-4-5  • due to conductor-conductor surge according to IEC 61000-4-5  • due to conductor-conductor surge according to IEC 61000-4-5  • due to conductor-conductor surge according to IEC 61000-4-5  • due to co	protection class IP on the front according to IEC 60529	IP20
type of voltage supply via input/output link master    No	touch protection on the front according to IEC 60529	finger-safe, for vertical contact from the front
Electromagnetic compatibility  conducted interference  • due to burst according to IEC 61000-4-4  • due to conductor-earth surge according to IEC 61000-4-5  • due to conductor-conductor surge according to IEC 61000-4-5  • due to conductor-conductor surge according to IEC 61000-4-5  • due to high-frequency radiation according to IEC 61000-4-6  field-based interference according to IEC 61000-4-3  • due to high-frequency radiation according to IEC 61000-4-3  field-based interference according to IEC 61000-4-2  Display  display version for switching status  Slide switch	Communication/ Protocol	
conducted interference  • due to burst according to IEC 61000-4-4  • due to conductor-earth surge according to IEC 61000-4-5  • due to conductor-conductor surge according to IEC 61000-4-5  • due to conductor-conductor surge according to IEC 61000-4-5  • 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 4-6  field-based interference according to IEC 61000-4-3  electrostatic discharge according to IEC 61000-4-2  Display  display version for switching status  Slide switch	type of voltage supply via input/output link master	No
<ul> <li>due to burst according to IEC 61000-4-4</li> <li>due to conductor-earth surge according to IEC 61000-4-5</li> <li>due to conductor-conductor surge according to IEC 61000-4-5</li> <li>due to high-frequency radiation according to IEC 61000-4-6</li> <li>due to high-frequency radiation according to IEC 61000-4-6</li> <li>field-based interference according to IEC 61000-4-3</li> <li>delectrostatic discharge according to IEC 61000-4-2</li> <li>display version for switching status</li> <li>2 kV (power ports), 1 kV (signal ports) 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 (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 (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> </ul>	Electromagnetic compatibility	
<ul> <li>due to conductor-earth surge according to IEC 61000-4-5</li> <li>due to conductor-conductor surge according to IEC 61000-4-5</li> <li>due to high-frequency radiation according to IEC 61000-4-6</li> <li>field-based interference according to IEC 61000-4-3</li> <li>delectrostatic discharge according to IEC 61000-4-2</li> <li>delectrostatic discharge / 8 kV air discharge</li> <li>Display</li> <li>display version for switching status</li> </ul>	conducted interference	
<ul> <li>due to conductor-conductor surge according to IEC 61000-4-5</li> <li>due to high-frequency radiation according to IEC 61000-4-6</li> <li>field-based interference according to IEC 61000-4-3</li> <li>electrostatic discharge according to IEC 61000-4-2</li> <li>field-based interference according to IEC 61000-4-3</li> <li>fiel</li></ul>	<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
61000-4-5	• due to conductor-earth surge according to IEC 61000-4-5	2 kV (line to earth) corresponds to degree of severity 3
4-6  field-based interference according to IEC 61000-4-3  electrostatic discharge according to IEC 61000-4-2  Display  display version for switching status  10 V/m  6 kV contact discharge / 8 kV air discharge  Slide switch		1 kV (line to line) corresponds to degree of severity 3
electrostatic discharge according to IEC 61000-4-2  6 kV contact discharge / 8 kV air discharge  Display  display version for switching status  Slide switch		10 V in frequency range 0.15 to 80 MHz, modulation 80 % AM with 1 kHz
Display display version for switching status  Slide switch	field-based interference according to IEC 61000-4-3	10 V/m
display version for switching status  Slide switch	electrostatic discharge according to IEC 61000-4-2	6 kV contact discharge / 8 kV air discharge
	Display	
Approvals Certificates	display version for switching status	Slide switch
	Approvals Certificates	









Confirmation





EMV For use in hazardous locations Test Certificates Marine / Shipping



<u>KC</u>



Type Test Certificates/Test Report

Special Test Certificate



Marine / Shipping other











Confirmation

Environment

Environmental Confirmations

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=3RB3026-1SB0

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RB3026-1SB0

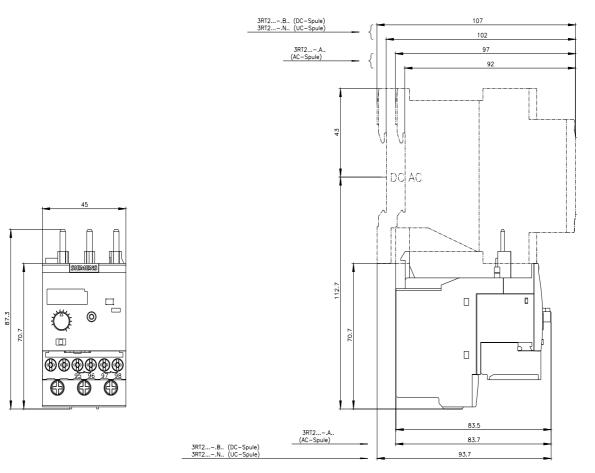
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

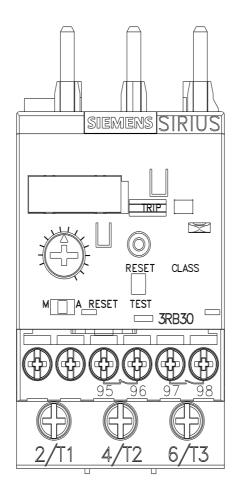
https://support.industry.siemens.com/cs/ww/en/ps/3RB3026-1SB0

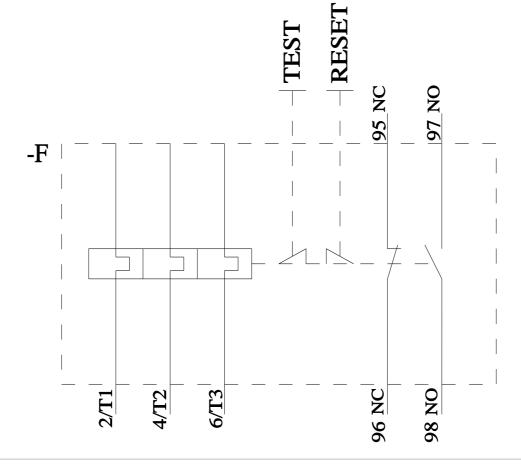
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) <a href="http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RB3026-1SB0&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RB3026-1SB0&lang=en</a>

Characteristic: Tripping characteristics, I2t, Let-through current

https://support.industry.siemens.com/cs/ww/en/ps/3RB3026-1SB0/char







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