## **SIEMENS**

Data sheet 3RB3026-1VE0



Overload relay 10...40 A Electronic For motor protection Size S0, Class 10E Contactor mounting Main circuit: Spring-type terminal Auxiliary circuit: Spring-type terminal 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	4.5 W
• per pole	1.5 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
<ul> <li>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	40 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)	10/01/2009
Ambient conditions	
installation altitude at height above sea level maximum	2 000 m
ambient temperature	
<ul><li>during operation</li></ul>	-25 +60 °C
<ul><li>during storage</li></ul>	-40 +80 °C
<ul> <li>during transport</li> </ul>	-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	10 40 A
operating voltage	
• rated value	690 V
<ul> <li>at AC-3e rated value maximum</li> </ul>	690 V

operational current at AC-Se at 400 V rated value operating power  • for 3-phase motors at 400 V at 50 Hz 7.5 2 kW   • for AC motors at 500 V at 50 Hz 7.5	operating frequency rated value	50 60 Hz
operating power  • for 3- motors at 400 V at 50 Hz  • for AC motors at 500 V at 50 Hz  • for AC motors at 500 V at 50 Hz  Auxilliary circuit  design of the auxillary switch number of NC contacts for auxillary contacts  • note  • at 110 V  • at 110 V  • at 110 V  • at 120 V  • at 120 V  • at 320 V  • at 320 V  • at 300 V  • at 110 V  • at 110 V  • at 110 V  • at 120 V  • at 110 V  • at 120 V  • at 100 V  • at 120 V  • at 100 V  • at 120 V  • at 120 V  • at 100 V  • at 10	•	
• 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  Auxillary clerical design of the auxillary switch number of NC contacts for auxillary contacts • for contacts for auxillary contacts • note number of CO contacts for auxillary contacts • note number of CO contacts for auxillary contacts • at 24 V • at 110 V • at 120 V • at 120 V • at 120 V • at 120 V • at 110 V • at 120 V • at 120 V • at 110 V • at 120 V • at 120 V • at 110 V • at 120 V • at 110 V • at 120 V • at 120 V • at 110 V • at 120 V • at 120 V • at 110 V • at 120 V • at 120 V • at 110 V • at 120 V • at 120 V • at 110 V • at 120 V • at 110 V • at 120 V • at 120 V • at 110 V • at 11	·	40 A
For AC motors at 580 V at 50 Hz     For AC motors at 580 V at		
e for AC motors at 890 V at 50 Hz  Auxiliary circuit  design of the auxiliary switch number of NC contacts for auxiliary contacts e note number of NC contacts for auxiliary contacts e note number of NC contacts for auxiliary contacts e note number of CO contacts for auxiliary contacts e note number of CO contacts for auxiliary contacts at 24 V e at 110 V e at 120 V e at 24 V e at 80 V e at 24 V e at 80 V e at 110 V e at 120 V e at 100 V e at 120 V e at 100 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 operational current of auxiliary contacts at AC-15 • at 24 V • at 110 V • at 120 V • at 128 V • at 120 V • at 128 V • at 100 V • at 125 V • at 126 V • at 126 V • at 100 V • at 120 V • at 120 V • at 120 V • at 120 V • at 100 V • at		
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number of NC contacts for auxillary contacts		
note     number of NO contacts for auxiliary contacts     note     number of CO 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 24 V     at 80 V     at 125 V     at 25 V     at 26 V     at 120 V     at 100 V     at 125 V     at 26 V     at 27 V     at 27 V     at 28 V     at 28 V     at 29 V     at 20 V     at 20 V     at 125 V     at 20 V		
number of NO contacts for auxiliary contacts   1   1   1   1   1   1   1   1   1		
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 125 V e at 230 V e at 130 V e at 120 V e at 100 V e at 125 V e at 24 V e at 100 V e at 125 V e at 25 V e at 26 V e at 110 V e at 125 V e at 27 V e at 120 V e at 110 V e at 125 V e at 28 V e at 29 V e at 20 V e at 110 V e at 125 V e at 28 V e at 20 V e at 120 V e at 120 V e at 25 V e at 20 V e at 120 V e at 25 V e at 20 V e		
number of CO contacts for auxiliary contacts operational current of auxiliary contacts at AC-15  • at 24 V • at 110 V • at 120 V • at 125 V • at 125 V • at 30 V operational current of auxiliary contacts at DC-13 • at 24 V • at 60 V • at 160 V • at 110 V • at 125 V • at 126 V  Protective and monitoring functions  trip class design of the overload release  ULCSA ratings  full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value • for short-circuit protection of the main circuit — with type of conscipanment 2 required • for short-circuit protection of the auxiliary switch required  for short-circuit protection of the auxiliary switch required  for short-circuit protection of the auxiliary switch height  width • for short-circuit protection of the auxiliary switch height  width • for main current circuit • for availiary and control circuit type of electrical connection • for main current circuit • for main current circuit  roop and control circuit type of connectable conductor cross-sections for main current circuit  roop and connectable conductor cross-sections for main current circuit  roop and connectable conductor cross-sections for main current circuit  roop and connectable conductor cross-sections for main current circuit  roop and connectable conductor cross-sections for main current circuit  roop and connectable conductor cross-sections for main current circuit  roop and connectable conductor cross-sections for main current circuit  roop and connectable conductor cross-sections for main contacts  • solid • stranded • finely stranded with core end processing • finely stranded with cor		
eperational current of auxiliary contacts at AC-15  a 124 V at 110 V 4 A 4 A 4 A 4 A 4 A 4 A 4 A 4 A 4 A 4 A		
e at 24 V e at 120 V e at 120 V e at 120 V 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 125 V e at 100 V e at 110 V e at 125 V e at 126 V e at 127 V e at 100 V e at 126 V e at 127 V e at 100 V e at 127 V e at 128 V e at 12		O
at 110 V at 125 V at 126 V At A A A A A A A A A A A A A A A A A A		ΔΔ
e at 120 V e at 125 V e at 230 V operational current of auxillary contacts at DC-13  at 24 V e at 60 V e at 110 V e at 125 V e at 12		
at 125 V at 230 V operational current of auxiliary contacts at DC-13  at 124 V 2 A at 60 V 0.55 A 0.3 A out 110 V 0.3 A at 125 V 0.3 A at 125 V 0.3 A cat 125 V 0.3 A cat 126 V 0.11 A   Protective and monitoring functions  trip class dosign of the overload release  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 contact rating of auxillary contacts according to UL  Short-circuit protection  design of the fuse link for short-circuit protection of the main circuit — with type of coordination 1 required — with type of coordination 1 required for short-circuit protection of the auxiliary switch required for short-circuit protection of the auxiliary switch required fastening method for short-circuit protection of the auxiliary switch required fastening method for short-circuit protection of the auxiliary switch required fastening method for short-circuit protection of the auxiliary and control circuit type of electrical connection for auxiliary and control circuit for auxiliary and control circuit spring-loaded terminals  rop and bottom  1x (1 10 mm²) 1x (1 10 mm²) 1x (1 10 mm²) 1x (1 10 mm²) 1x (1 6 mm²) 1x (1 6 mm²) 1x (1 6 mm²)		
at 230 V operational current of auxilliary contacts at DC-13 at 24 V at 60 V 0.55 A at 110 V 0.3 A at 125 V 0.3 A at 125 V 0.11 A  Protective and monitoring functions  trip class design of the overload release  ULCSA ratings  full-load current (FLA) for 3-phase AC motor at 40 V rated value at 600 V rated value at 600 V rated value at 600 V rated value ontact rating of auxiliary contacts according to UL Short-circuit protection  design of the fuse link for short-circuit protection of the main circuit — with type of coordination 1 required — with type of assignment 2 required for short-circuit protection of the auxiliary switch required  required  restancy  mounting position fastening method height width 45 mm depth  Connections/Torminals  product component removable terminal for auxiliary and control circuit type of electrical connection for main current circuit sorting and control circuit type of connectable conductor cross-sections for main current circuit type of connectable conductor cross-sections for main current circuit type of connectable conductor cross-sections for main entired solid or stranded finely stranded with core end processing		
at 124 V at 60 V at 110 V at 1125 V at 1220 V 0.11 A  Protective and monitoring functions  trip class design of the overload release  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor at 480 V rated value at 6000 V rated value at 6000 V rated value at 6000 V rated value 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 coordination 1 required for short-circuit protection of the auxiliary switch required for short-circuit protection of the auxiliary switch required for short-circuit protection of the auxiliary switch required  for short-circuit protection of the auxiliary switch required  for short-circuit protection of the auxiliary switch required  for short-circuit protection of the auxiliary switch required  for short-circuit protection of the auxiliary switch required  for short-circuit protection of the auxiliary switch required  for or short-circuit protection of the auxiliary switch required  for or short-circuit protection of the auxiliary switch required  for or short-circuit protection of the auxiliary switch required  for switch type of coordination of the auxiliary switch required  for auxiliary and control circuit  spring-loaded terminals  for paid bottom  for main current circuit  for auxiliary and control circuit  spring-loaded terminals  for paid bottom  for min current circuit  for auxiliary and control circuit  spring-loaded terminals  for paid bottom  for min current circuit  for auxiliary and control circuit arrangement of electrical connectors for main current circuit  for auxiliary and control circuit arrangement of electrical connectors for main current circuit  for auxiliary and control circuit arrangement of electrical connectors for main current circuit  for auxiliary and control circuit arrangement of electrical connecto		
at 124 V at 60 V at 110 V at 1125 V at 1220 V 0.11 A  Protective and monitoring functions  trip class design of the overload release  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor at 480 V rated value at 6000 V rated value at 6000 V rated value at 6000 V rated value 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 coordination 1 required for short-circuit protection of the auxiliary switch required for short-circuit protection of the auxiliary switch required for short-circuit protection of the auxiliary switch required  for short-circuit protection of the auxiliary switch required  for short-circuit protection of the auxiliary switch required  for short-circuit protection of the auxiliary switch required  for short-circuit protection of the auxiliary switch required  for short-circuit protection of the auxiliary switch required  for or short-circuit protection of the auxiliary switch required  for or short-circuit protection of the auxiliary switch required  for or short-circuit protection of the auxiliary switch required  for switch type of coordination of the auxiliary switch required  for auxiliary and control circuit  spring-loaded terminals  for paid bottom  for main current circuit  for auxiliary and control circuit  spring-loaded terminals  for paid bottom  for min current circuit  for auxiliary and control circuit  spring-loaded terminals  for paid bottom  for min current circuit  for auxiliary and control circuit arrangement of electrical connectors for main current circuit  for auxiliary and control circuit arrangement of electrical connectors for main current circuit  for auxiliary and control circuit arrangement of electrical connectors for main current circuit  for auxiliary and control circuit arrangement of electrical connecto		
at 110 V at 125 V at 1220 V 0.3 A 0.11 A  Protective and monitoring functions  trip class design of the overload release  UL/CSA ratings  full-load current (FLA) for 3-phase AC motor at 80 V rated value at 600 V rated value at 600 V rated value ontact rating of auxiliary contacts according to UL 8600 / R300  Short-circuit protection  design of the fuse link of rishort-circuit protection of the main circuit with type of condination 1 required with type of assignment 2 required for short-circuit protection of the auxiliary switch required for mounting position fastening method for short-circuit protection of the auxiliary and control circuit for main current circuit for main current circuit for main current circuit for main current circuit spring-loaded terminals for pand bottom  for main current circuit for main current circuit for auxiliary and control circuit spring-loaded terminals for pand bottom  for main current circuit for main current circuit for auxiliary and control circuit for main current circuit for main current circuit for main current circuit for auxiliary and control circuit for main current circuit for	•	2 A
at 125 V 0.11 A  Protective and monitoring functions  trip class design of the overload release electronic  UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value 40 A at 600 V rated value 40 A contact rating of auxiliary contacts according to UL  Short-circuit protection  design of the fuse link of or short-circuit protection of the main circuit — with type of coordination 1 required 9 Gs. 20 A, J: 150 A gs. 30 A, J: 1	• at 60 V	0.55 A
• at 220 V  Protective and monitoring functions  trip class design of the overload release  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  • with 19pe of coordination 1 required — with 19pe of coordination 1 required — with 19pe of coordination 1 required — with 19pe of assignment 2 required • or short-circuit protection of the main circuit required  installation/ mounting/ dimensions  mounting position fastening method height intellation/ mounting/ dimensions  Tonnections/ Terminals  Product component removable terminal for auxillary and control circuit • for auxillary and control circuit arrangement of electrical connectors e solid • stranded • stranded • solid or stranded • finely stranded without core end processing • finely stranded with core end processing • finely stranded with core end processing • finely stranded with core end processing	• at 110 V	0.3 A
trip class clestronic design of the overload release electronic el	• at 125 V	0.3 A
trip class design of the overload release  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 — with type of coordination 1 required — with type of coordination 1 required — with type of assignment 2 required • for short-circuit protection of the auxiliary switch required  • for short-circuit protection of the auxiliary switch required  • for short-circuit protection of the auxiliary switch required  • for short-circuit protection of the auxiliary switch required  • for short-circuit protection of the auxiliary switch required  • for short-circuit protection of the auxiliary switch required  • for short-circuit protection of the auxiliary switch required  • for short-circuit protection of the auxiliary switch function in the store of the auxiliary switch required  • for short-circuit protection of the auxiliary and control circuit  type of connections/ Terminals  product component removable terminal for auxiliary and control circuit  type of electrical connection  • for main current circuit  • for auxiliary and control circuit  type of connectable conductor cross-sections for main current circuit  type of connectable conductor cross-sections for main contacts  • solid  • stranded  • stranded  • stranded  • finely stranded with core end processing  • finely stranded with core end processing  • finely stranded without core end processing	• at 220 V	0.11 A
design of the overload release  ULCSA 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  • at 600 V rated value  • at 600 V rated value  • at 600 V rated value  • at 600 V rated value  • with goe for coordination 1 required  — with type of coordination 1 required  • for short-circuit protection of the main circuit  — with type of coordination 1 required  • for short-circuit protection of the auxiliary switch  • for short-circuit protection of the auxiliary and control circuit  • 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  type of connectable conductor cross-sections for main contacts  • solid  • stranded  • stranded  • stranded  • finely stranded with core end processing  • finely stranded with core end processing  • finely stranded with our end processing  • finely stranded without core end processing	Protective and monitoring functions	
full-load current (FLA) for 3-phase AC motor  • at 480 V rated value • at 600 V rated value contact rating of auxiliary contacts according to UL  Short-circuit protection  design of the fuse link • for short-circuit protection of the main circuit — with type of coordination 1 required — with type of assignment 2 required • for short-circuit protection of the auxiliary switch required mounting dimensions  mounting position fastening method height depth  Contactor mounting depth  S5 mm  Connections/ Torminals  product component removable terminal for auxiliary and control circuit type of electrical connection • for auxiliary and control circuit type of connectable conductor cross-sections for main contacts • solid • stranded • stranded • finely stranded with ore end processing • finely stranded without core end processing	trip class	CLASS 10E
full-load current (FLA) for 3-phase AC motor  • at 480 V rated value • at 600 V rated value • at 600 V rated value  contact rating of auxiliary contacts according to UL  Short-circuit protection  design of the fuse link • for short-circuit protection of the main circuit — with type of coordination 1 required — with type of assignment 2 required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required  installation/ mounting/ dimensions  mounting position fastening method height vidth depth  Connections/ Terminals  product component removable terminal for auxiliary and control circuit type of electrical connection • for main current circuit of or auxiliary and control circuit type of connectable conductor cross-sections for main current circuit type of connectable conductor cross-sections for main contacts • solid • stranded • solid or stranded • finely stranded with core end processing • finely stranded without core end processing  40 A 40	design of the overload release	electronic
at 480 V rated value at 600 V rated value below V rated value contact rating of auxillary contacts according to UL  Short-circuit protection  design of the fuse link of or short-circuit protection of the main circuit — with type of assignment 2 required of or short-circuit protection of the auxiliary switch required of or short-circuit protection of the auxiliary switch required of or short-circuit protection of the auxiliary switch required  Installation/ mounting/ dimensions  mounting position fastening method height  109 mm width depth 25 mm  Connections/ Terminals  product component removable terminal for auxiliary and control circuit type of electrical connection of main current circuit of main current circuit type of connectable conductor cross-sections for main contacts  solid ostranded ostranded of finely stranded with core end processing of inely stranded without core end processing ostranded	UL/CSA ratings	
at 600 V rated value contact rating of auxiliary contacts according to UL  Short-circuit protection  design of the fuse link  for short-circuit protection of the main circuit	full-load current (FLA) for 3-phase AC motor	
contact rating of auxiliary contacts according to UL  Short-circuit protection  design of the fuse link  • for short-circuit protection of the main circuit  — with type of coordination 1 required — with type of assignment 2 required • for short-circuit protection of the auxiliary switch required  • for short-circuit protection of the auxiliary switch required  • 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  109 mm 45 mm depth  Contactor mounting height 45 mm 85 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 arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections for main contacts  • solid  • stranded • stranded • finely stranded with core end processing • finely stranded without core end processing	<ul> <li>at 480 V rated value</li> </ul>	40 A
Short-circuit protection  design of the fuse link  • for short-circuit protection of the main circuit  — with type of coordination 1 required  — with type of assignment 2 required  • for short-circuit protection of the auxiliary switch required  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 type of connectable conductor cross-sections for main contacts  • solid • stranded • solid or stranded • finely stranded with core end processing • finely stranded without core end processing • finely stranded without core end processing • finely stranded without core end processing    GS: 125 A, J: 150 A   GS: 80 A, J: 100 A   fuse gG: 6 A   fu	<ul> <li>at 600 V rated value</li> </ul>	
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: 80 A, J: 150 A gG: 80 A, J: 100 A fuse gG: 6 A  Installation/ mounting/ dimensions  mounting position fastening method height 109 mm width depth 20nnections/ Terminals  product component removable terminal for auxiliary and control circuit type of electrical connection • for main current circuit or for auxiliary and control circuit arrangement of electrical connectors for main contacts • solid • stranded • solid or stranded • finely stranded with core end processing • finely stranded without core end processing • finely stranded without core end processing • finely stranded without core end processing  gG: 125 A, J: 150 A gG: 125 A, J: 100 A gG: 125 A, J: 100 A gG: 125 A, J: 100 A gG: 125 A, J: 150 A gG: 125 A, gG: 125 A gG		B600 / R300
for short-circuit protection of the main circuit     — with type of coordination 1 required     — with type of assignment 2 required     for short-circuit protection of the auxiliary switch required      for short-circuit protection of the auxiliary switch required  Installation/ mounting/ dimensions  mounting position fastening method height     height     width depth  Connections/ Terminals  Product component removable terminal for auxiliary and control circuit type of electrical connection     for main current circuit     for ouxiliary and control circuit arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections for main current circuit      solid     stranded     solid or stranded     solid or stranded     finely stranded with core end processing     finely stranded without core end processing     finely stranded without core end processing     interest a spinal standard since and processing     solid    interest and since and processing     intere	Short-circuit protection	
- with type of coordination 1 required - with type of assignment 2 required of for short-circuit protection of the auxiliary switch required  Installation/ mounting/ dimensions  mounting position fastening method height width depth  Contactor mounting depth  85 mm  Connections/ Terminals  product component removable terminal for auxiliary and control circuit type of electrical connection of or auxiliary and control circuit arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections for main contacts  osolid of inely stranded of inely stranded with core end processing of inely stranded without core end processing on the auxiliary switch fuse gG: 8 A gG: 80 A, J: 100 A fuse gG: 80 fuse gG: 80 A fuse gG: 80 fuse gG:	•	
- with type of assignment 2 required  • for short-circuit protection of the auxiliary switch required  Installation/ mounting/ dimensions  mounting position fastening method height width depth  Contactor mounting height width depth  For main current circuit type of electrical connection  • for rawiliary and control circuit type of connectable conductor cross-sections for main contacts  • solid • stranded • solid or stranded • finely stranded with core end processing • finely stranded without core end processing • finely stranded without core end processing • for saxiliary and control circuit  1 fuse gG: 8 A  fuse gG: 8 A  fuse gG: 6 A  fuse gG: 8 A  fuse gG: 6 A  fuse gates  fuse gates	·	
for short-circuit protection of the auxiliary switch required  Installation/ mounting/ dimensions  mounting position fastening method height width depth 45 mm depth  Connections/ Terminals  product component removable terminal for auxiliary and control circuit type of electrical connection		
Installation/ mounting/ dimensions  mounting position fastening method height width depth 25 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 type of connectable connectors for main current circuit type of connectable conductor cross-sections for main contacts • solid • stranded • solid or stranded • solid or stranded • finely stranded with core end processing • finely stranded without core end processing		
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 type of connectable conductor cross-sections for main contacts  • solid • stranded • solid or stranded • finely stranded with core end processing • finely stranded without core end processing		fuse gG: 6 A
mounting position fastening method height width depth  Tonnections/ Terminals  product component removable terminal for auxiliary and control circuit type of electrical connection  of or main current circuit arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections for main current circuit  spring-loaded terminals  Top and bottom  Top and bottom  1x (1 10 mm²) stranded solid or stranded finely stranded with core end processing finely stranded without core end processing finely stranded without core end processing finely stranded without core end processing for municing finely stranded without core end processing finely stranded without core end processing for contacts for auxiliary spring-loaded terminals from and bottom  Top and bottom  Top and bottom  1x (1 10 mm²) finely stranded with core end processing finely stranded without core end processing finely stranded without core end processing for auxiliary for	·	
fastening method height width depth  85 mm  Connections/ Terminals  product component removable terminal for auxiliary and control circuit type of electrical connection  • for main current circuit of or auxiliary and control circuit spring-loaded terminals arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections for main contacts  • solid • stranded • solid or stranded • solid or stranded • finely stranded with core end processing • finely stranded without core end processing		any
height width depth  45 mm  85 mm   Connections/ Terminals  product component removable terminal for auxiliary and control circuit type of electrical connection		
width depth 85 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 arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections for main contacts  • solid • stranded • solid or stranded • solid or stranded • finely stranded with core end processing • finely stranded without core end processing	_	
depth  Connections/ Terminals  product component removable terminal for auxiliary and control circuit type of electrical connection  ● for main current circuit e for auxiliary and control circuit spring-loaded terminals  arrangement of electrical connectors for main current circuit type of connectable conductor cross-sections for main contacts  ● solid stranded e solid or stranded e finely stranded with core end processing e finely stranded without core end processing	_	
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  type of connectable conductor cross-sections for main contacts  • solid  • stranded  • solid or stranded  • solid or stranded  • finely stranded without core end processing		
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  type of connectable conductor cross-sections for main contacts  • solid  • stranded  • solid or stranded		
type of electrical connection  • for main current circuit  • for auxiliary and control circuit  arrangement of electrical connectors for main current circuit  type of connectable conductor cross-sections for main contacts  • solid  • stranded  • solid or stranded  • solid or stranded  • finely stranded with core end processing  • finely stranded without core end processing	product component removable terminal for auxiliary	Yes
<ul> <li>for main current circuit</li> <li>for auxiliary and control circuit</li> <li>arrangement of electrical connectors for main current circuit</li> <li>type of connectable conductor cross-sections for main contacts</li> <li>solid</li> <li>stranded</li> <li>solid or stranded</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> </ul>		
<ul> <li>for auxiliary and control circuit</li> <li>arrangement of electrical connectors for main current circuit</li> <li>type of connectable conductor cross-sections for main contacts</li> <li>solid</li> <li>stranded</li> <li>solid or stranded</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> </ul>		spring-loaded terminals
arrangement of electrical connectors for main current circuit  type of connectable conductor cross-sections for main contacts  • solid • stranded • solid or stranded • solid or stranded • finely stranded with core end processing • finely stranded without core end processing		
type of connectable conductor cross-sections for main contacts  • solid • stranded • solid or stranded • solid or stranded • finely stranded with core end processing • finely stranded without core end processing • finely stranded without core end processing • finely stranded without core end processing	-	
<ul> <li>solid</li> <li>stranded</li> <li>solid or stranded</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> </ul>		
<ul> <li>stranded</li> <li>solid or stranded</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>finely stranded without core end processing</li> <li>1x (1 6 mm²)</li> <li>finely stranded without core end processing</li> <li>1x (1 6 mm²)</li> </ul>	31	
<ul> <li>solid or stranded</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>1x (1 10 mm²)</li> <li>finely stranded without core end processing</li> <li>1x (1 6 mm²)</li> </ul>	• solid	1x (1 10 mm²)
<ul> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>1x (1 6 mm²)</li> <li>1x (1 6 mm²)</li> </ul>	• stranded	1x 10 mm²
• finely stranded without core end processing  1x (1 6 mm²)		
type of connectable conductor cross-sections		1x (1 6 mm²)
	type of connectable conductor cross-sections	

<ul> <li>for auxiliary contacts</li> </ul>	
— solid	2x (0.25 1.5 mm²)
<ul><li>— solid or stranded</li></ul>	2x (0,25 1,5 mm²)
<ul> <li>finely stranded with core end processing</li> </ul>	2x (0.25 1.5 mm²)
<ul> <li>finely stranded without core end processing</li> </ul>	2x (0.25 1.5 mm²)
<ul> <li>at AWG cables for auxiliary contacts</li> </ul>	1x (24 16), 2x (24 16)
design of screwdriver shaft	Diameter 5 to 6 mm
size of the screwdriver tip	Pozidriv PZ 2
Safety related data	
protection class IP on the front according to IEC 60529	IP20
touch protection on the front according to IEC 60529	finger-safe, for vertical contact from the front
Communication/ Protocol	
type of voltage supply via input/output link master	No
Electromagnetic compatibility	
conducted interference	
<ul> <li>conducted interference</li> <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
<ul> <li>due to burst according to IEC 61000-4-4</li> <li>due to conductor-earth surge according to IEC</li> </ul>	3
<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</li> </ul>	3 2 kV (line to earth) corresponds to degree of severity 3
<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</li> </ul>	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
<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> </ul>	3 2 kV (line to earth) corresponds to degree of severity 3 1 kV (line to line) corresponds to degree of severity 3 10 V in frequency range 0.15 to 80 MHz, modulation 80 % AM with 1 kHz
<ul> <li>due to burst 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>field-based interference according to IEC 61000-4-3</li> </ul>	3 2 kV (line to earth) corresponds to degree of severity 3 1 kV (line to line) corresponds to degree of severity 3 10 V in frequency range 0.15 to 80 MHz, modulation 80 % AM with 1 kHz 10 V/m
<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>field-based interference according to IEC 61000-4-3</li> <li>electrostatic discharge according to IEC 61000-4-2</li> </ul>	3 2 kV (line to earth) corresponds to degree of severity 3 1 kV (line to line) corresponds to degree of severity 3 10 V in frequency range 0.15 to 80 MHz, modulation 80 % AM with 1 kHz 10 V/m



**General Product Approval** 

Confirmation









**EMC** 

For use in hazardous locations

**Declaration of Conformity** 

**Test Certificates** 

Marine / Shipping







Type Test Certificates/Test Report

Special Test Certificate



Marine / Shipping

other









Confirmation

## **Further information**

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

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=3RB3026-1VE0

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RB3026-1VE0

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

https://support.industry.siemens.com/cs/ww/en/ps/3RB3026-1VE0

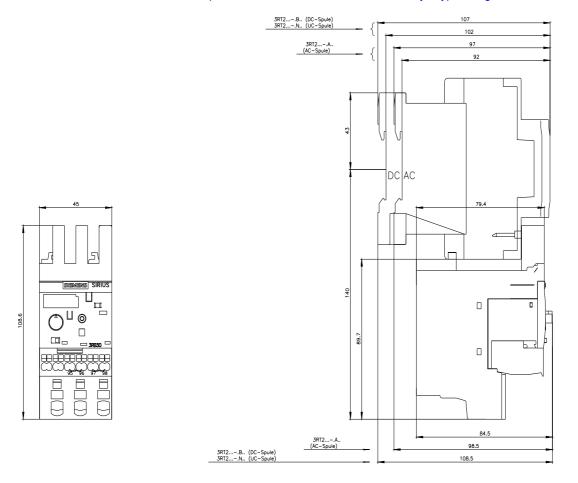
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) <a href="http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RB3026-1VE0&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RB3026-1VE0&lang=en</a>

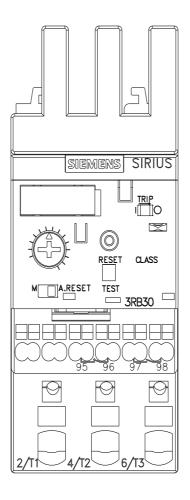
Characteristic: Tripping characteristics, I2t, Let-through current

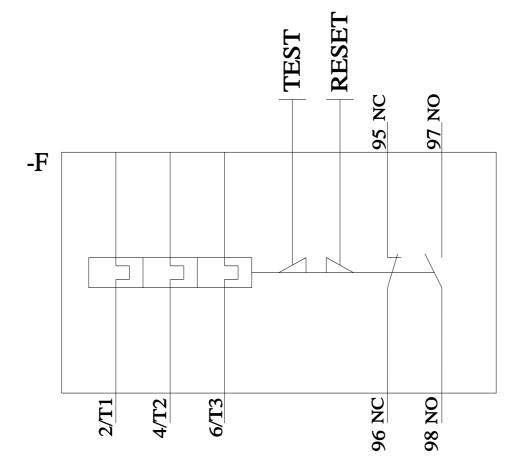
https://support.industry.siemens.com/cs/ww/en/ps/3RB3026-1VE0/char

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

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RB3026-1VE0&objecttype=14&gridview=view1







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