SIEMENS

Data sheet 3RT2326-1AM20



contactor AC-1, 40 A, 400 V / 40 °C, 4-pole, 208 V AC, 50/60 Hz, auxiliary contacts: 1 NO + 1 NC, screw terminal, size: S0

product brand name	SIRIUS
product designation	Contactor
product type designation	3RT23
General technical data	
size of contactor	S0
product extension	
 function module for communication 	No
auxiliary switch	Yes
power loss [W] for rated value of the current	
 at AC in hot operating state 	9.6 W
at AC in hot operating state per pole	2.4 W
insulation voltage	
 of main circuit with degree of pollution 3 rated value 	690 V
 of the auxiliary and control circuit with degree of pollution 3 rated value 	690 V
surge voltage resistance	
of main circuit rated value	6 kV
of auxiliary circuit rated value	6 kV
shock resistance at rectangular impulse	
• at AC	8,3g / 5 ms, 5,3g / 10 ms
shock resistance with sine pulse	
• at AC	13,5g / 5 ms, 8,3g / 10 ms
mechanical service life (operating cycles)	
of contactor typical	10 000 000
of the contactor with added auxiliary switch block typical	10 000 000
reference code according to IEC 81346-2	Q
Substance Prohibitance (Date)	10/01/2009
Ambient conditions	
installation altitude at height above sea level maximum	2 000 m
ambient temperature	
during operation	-25 +60 °C
during storage	-55 +80 °C
relative humidity minimum	10 %
relative humidity at 55 °C according to IEC 60068-2-30 maximum	95 %
Main circuit	
number of poles for main current circuit	4
number of NO contacts for main contacts	4
operational current	40.4
 at AC-1 at 400 V at ambient temperature 40 °C rated value 	40 A

# at AC-1 — up to 690 V at ambient temperature 40 °C rated value to 690 V at ambient temperature 60 °C rated value to 690 V at ambient temperature 60 °C rated value at AC-3 — at 400 V rated value 15.5 A	1404	
walue walu	• at AC-1	40.4
value		40 A
value valu	— up to 690 V at ambient temperature 60 °C rated	35 A
at 40.0 V rated value at AC-4 at 40.0 V rated value infinitum cross-section in main cruzil at maximum AC-1 rated value at AC-3 at 40.0 V rated value at AC-4 rated value at AC-4 rated value at AC-5 at 40.0 V rated value at AC-6 at 40.0 V rated value at AC-7 at 40.0 V rated valu		
• alt AC-4 at 400 V rated value influence operating power • alt AC-3 at 400 V rated value • limited to 1 s switching at zero current maximum • limited to 1 s switching at zero current maximum • limited to 10 s switching at zero current maximum • limited to 10 s switching at zero current maximum • limited to 10 s switching at zero current maximum • limited to 10 s switching at zero current maximum • limited to 10 s switching at zero current maximum • limited to 10 s switching at zero current maximum • limited to 10 s switching at zero current maximum • limited to 10 s switching at zero current maximum • limited to 10 s switching at zero current maximum • limited to 10 s switching at zero current maximum • limited to 10 s switching at zero current maximum • limited to 10 s switching at zero current maximum • limited to 10 s switching at zero current maximum • limited to 10 s switching at zero current maximum • limited to 10 switching at zero current maximum • limited to 10 switching at zero current maximum • limited to 10 switching at zero current maximum • limited to 10 switching at zero current maximum • limited to 10 switching at zero current maximum Use minimum cross-section acc. to AC-1 rated value Use minimum cros	• at AC-3	
minimum cross-section in main circuit at maximum AC-1 rated value operating power • at AC-3 at 400 V rated value • AT AC-4 at 400 V rated value • Imited to 10 s witching at zero current maximum • Imited to 10 s witching at zero current witching a	— at 400 V rated value	15.5 A
operating power of AC-3 at 400 V rated value of Imited to 1 s switching at zero current maximum of Imited to 1 s switching at zero current maximum of Imited to 10 switching at zero current maximum of Operating at a Economic at AC of 10 Switching at zero current maximum of 10 Hz of 10	at AC-4 at 400 V rated value	15.5 A
operating power AICA-3 at 40 V rated value 7.5 kW		10 mm ²
a AAC-3 at 400 V rated value a hort-time withstand current in cold operating state up to 40 °C a limited to 1 s switching at zero current maximum a limited to 1 s switching at zero current maximum a limited to 1 s switching at zero current maximum a limited to 10 s switching at zero current maximum a limited to 10 s switching at zero current maximum a limited to 10 s switching at zero current maximum a limited to 10 s switching at zero current maximum a limited to 10 s switching at zero current maximum b limited to 10 s switching at zero current maximum a limited to 20 s switching at zero current maximum a limited to 20 s switching at zero current maximum b limited to 10 switching at zero current maximum concluded switching frequency a AC 5 000 ½n Control stream of the control supply voltage AC control supply voltage at AC a 100 ½c		
at AC-4 at 400 V rated value short-time withstand current in cold operating state up to 40 °C imited to 1 s switching at zero current maximum imited to 10 s switching at zero current maximum imited to 30 s switching at zero current maximum imited to 30 s switching at zero current maximum imited to 30 s switching at zero current maximum imited to 30 s switching at zero current maximum imited to 30 s switching at zero current maximum imited to 30 s switching at zero current maximum imited to 30 switching at zero current maximum no-load switching frequency at AC- 3000 III operating frequency at AC-1 maximum Control circuit Control 1 0000 III Vipe of voltage AC- control supply voltage at AC- at 00 Nz rated value operating range factor control supply voltage at AC- at 00 Nz rated value operating range factor control supply voltage rated value of magnet coil at AC- at 00 Nz rated value operating range factor control supply voltage rated value of magnet coil at AC- at 00 Nz rated value operating range factor with closing power of the coil at 00 Nz rated value operating range factor with closing power of the coil at 00 Nz rated value operating range factor with the holding power of the coil at 00 Nz rated value ot 00 Nz rated value ot 00 Nz rated value oz 8 10 Nz rated value		7.5 WW
short-time withstand current in cold operating state up to 40 °C limited to 1 s withching at zero current maximum Use minimum cross-section acc. to AC-1 rated value limited to 1 s switching at zero current maximum Use minimum cross-section acc. to AC-1 rated value Use minimum cross-sec		
ilmited to 1 s whiching at zero current maximum ilmited to 10 s switching at zero current maximum ilmited to 10 s switching at zero current maximum ilmited to 30 s whiching at zero current maximum ilmited to 30 s whiching at zero current maximum ilmited to 30 s whiching at zero current maximum ilmited to 30 s whiching at zero current maximum ilmited to 80 s whiching at zero cu		1.0 RVV
I limited to 5 s switching at zero current maximum I limited to 10 s switching at zero current maximum I limited to 30 s switching at zero current maximum I limited to 60 switching at zero current maximum I limited to 60 switching at zero current maximum I limited to 60 switching at zero current maximum I limited to 60 switching at zero current maximum I limited to 60 switching at zero current maximum I limited to 60 switching at zero current maximum I limited to 60 switching at zero current maximum I limited to 60 switching at zero current maximum I limited to 60 switching at zero current maximum I limited to 60 switching at zero current maximum I limited to 60 switching at zero current maximum I limited to 60 switching at zero current maximum I limited to 60 switching at zero current		
Imited to 10 s switching at zero current maximum Imited to 30 s switching at zero current maximum Imited to 30 s switching at zero current maximum Imited to 50 s switching at zero current maximum Use minimum cross-section acc. to AC-1 rated value Imited to 50 s switching at zero current maximum Use minimum cross-section acc. to AC-1 rated value Imited to 50 s switching at zero current maximum Use minimum cross-section acc. to AC-1 rated value Incolor at AC Operating frequency at AC-1 maximum 1 000 1/h Control (Irculu/ Control Vipe of voltage Incolor supply voltage Incolor supply voltage at AC Incolor supply voltage rated value Incolor supply voltage rated value Incolor s	 limited to 1 s switching at zero current maximum 	Use minimum cross-section acc. to AC-1 rated value
Imited to 30 s switching at zero current maximum Use minimum cross-section acc. to AC-1 rated value inimited to 80 s switching at zero current maximum Use minimum cross-section acc. to AC-1 rated value no-load switching frequency I at AC 5000 1/h Operating frequency at AC-1 maximum 1000 1/h Control circuit/ Control Type of voltage AC 70 voltage A	 limited to 5 s switching at zero current maximum 	Use minimum cross-section acc. to AC-1 rated value
• limited to 60 s switching at zero current maximum no-load switching frequency • at AC operating frequency at AC-1 maximum 1 000 1/h Control circuit Control type of voltage AC at 5 000 1/h operating frequency at AC-1 maximum AC type of voltage of the control supply voltage control supply voltage at AC • at 50 Hz rated value • at 60 Hz rated value operating range factor control supply voltage rated value of magnet coil at AC • at 50 Hz • at 60	 limited to 10 s switching at zero current maximum 	Use minimum cross-section acc. to AC-1 rated value
no-load switching frequency	 limited to 30 s switching at zero current maximum 	Use minimum cross-section acc. to AC-1 rated value
	Iimited to 60 s switching at zero current maximum	Use minimum cross-section acc. to AC-1 rated value
operating frequency at AC-1 maximum 1 000 1/h Control (circuit/ Control) AC type of voltage AC type of voltage of the control supply voltage AC cant 50 Hz rated value 208 V e at 50 Hz rated value 208 V operating range factor control supply voltage rated value of magnet coil at AC at 50 Hz e at 50 Hz 0.85 1.1 apparent pick-up power of magnet coil at AC 81 VA e at 50 Hz 11 VA e at 60 Hz 79 VA Inductive power factor with closing power of the coil 81 VA e at 50 Hz 0.74 at 60 Hz 0.74 at 60 Hz 10.5 VA e at 60 Hz 8.5 VA inductive power factor with the holding power of the coil 8.5 VA inductive power factor with the holding power of the coil 9.5 VA e at 60 Hz 0.25 e at 60 Hz 0.26 e at 60 Hz 0.28 closing delay 9.1 AC e at AC 4 16 ms arcing time 10 10 ms <	no-load switching frequency	
Control circuit/ Control AC type of voltage of the control supply voltage AC control supply voltage at AC at 50 Hz reled value 208 V e at 50 Hz reled value 208 V operating range factor control supply voltage rated value of magnet coil at AC 8.1 50 Hz 0.8 1.1 e at 50 Hz 0.8 1.1 1.1 e at 50 Hz 0.85 1.1 1.1 apparent pick-up power of magnet coil at AC 81 VA 1.4 e at 50 Hz 81 VA 1.4 inductive power factor with closing power of the coil 0.72 1.5 VA e at 50 Hz 0.74 1.5 VA e at 50 Hz 10.5 VA 8.5 VA inductive power factor with the holding power of the coil 8.5 VA inductive power factor with the holding power of the coil 2.5 e at 60 Hz 0.25 closing delay 8.4 Oms e at AC 8.40 ms opening delay 8.4 AC e at AC 4.0 If ms arcing time 10 10 ms control version of the switch operating mechanism	• at AC	5 000 1/h
type of voltage AC type of voltage of the control supply voltage AC control supply voltage at AC at 50 Hz rated value 208 V e at 50 Hz rated value 208 V operating range factor control supply voltage rated value of magnet coil at AC at 50 Hz 0.8 1.1 e at 50 Hz 0.8 1.1 2.1 apparent pick-up power of magnet coil at AC 81 VA 3.1 VA e at 60 Hz 9VA 3.1 VA inductive power factor with closing power of the coil 0.72 3.1 VA e at 60 Hz 0.74 3.2 VA at 60 Hz 10.5 VA 3.5 VA inductive power factor with the holding power of the coil 0.25 3.5 VA inductive power factor with the holding power of the coil 0.25 3.5 VA inductive power factor with the holding power of the coil 0.25 3.5 VA inductive power factor with the holding power of the coil 0.25 3.5 VA inductive power factor with the holding power of the coil 0.25 3.5 VA inductive power factor with the holding power of the coil 0.28 0.28	operating frequency at AC-1 maximum	1 000 1/h
type of voltage of the control supply voltage at AC control supply voltage at AC at 60 Hz rated value e at 60 Hz rated value 208 V operating range factor control supply voltage rated value of magnet coil at AC at 50 Hz at 60 Hz at 60 Hz at 60 Hz at 60 Hz apparent pick-up power of magnet coil at AC at 50 Hz at 60 Hz brack brack at 60 Hz brack brack at 60 Hz brack b	Control circuit/ Control	
control supply voltage at AC		
■ at 50 Hz rated value ■ at 60 Hz rated value Operating range factor control supply voltage rated value of magnet coil at AC ■ at 50 Hz ■ at 60 Hz	type of voltage of the control supply voltage	AC
• at 60 Hz rated value operating range factor control supply voltage rated value of magnet coil at AC • at 50 Hz • at 60 Hz • at 60 Hz • at 60 Hz • at AC • at 60 Hz • at AC	control supply voltage at AC	
operating range factor control supply voltage rated value of magnet coil at AC	at 50 Hz rated value	208 V
magnet coll at AC 0.8 1.1 a t 50 Hz 0.85 1.1 apparent pick-up power of magnet coil at AC 81 VA a t 50 Hz 81 VA inductive power factor with closing power of the coil 91 VA inductive power factor with closing power of the coil 91 VA a t 50 Hz 0.72 a t 50 Hz 0.74 apparent holding power of magnet coil at AC 10.5 VA a t 50 Hz 10.5 VA a t 50 Hz 0.25 a t 60 Hz 0.25 closing delay 0.28 closing delay 0 at AC a t AC 4 16 ms arcing time 10 10 ms control version of the switch operating mechanism Standard A1 - A2 Auxiliary circuit 1 number of NC contacts for auxiliary contacts 1 a ttachable 2 instantaneous contact 1 number of NO contacts for auxiliary contacts 1 instantaneous contact 1 operational current at AC-12 maximum 10 A operational	at 60 Hz rated value	208 V
■ at 50 Hz ■ at 60 Hz apparent pick-up power of magnet coil at AC ■ at 50 Hz ■ at 60 Hz ■ at 50 Hz ■ at 50 Hz ■ at 60 Hz ■ at AC ■ a		
■ at 60 Hz apparent pick-up power of magnet coil at AC ■ at 60 Hz at 60 Hz at 60 Hz at 60 Hz at 50 Hz ■ at 50 Hz ■ at 50 Hz ■ at 50 Hz ■ at 60 Hz apparent holding power of the coil ● at 50 Hz apparent holding power of magnet coil at AC ● at 50 Hz ■ at 60 Hz apparent holding power of magnet coil at AC ● at 60 Hz act 60		0.8 1.1
apparent pick-up power of magnet coil at AC • at 50 Hz • at 60 Hz inductive power factor with closing power of the coil • at 50 Hz • at 60 Hz • at 60 Hz apparent holding power of magnet coil at AC • at 60 Hz apparent holding power of magnet coil at AC • at 60 Hz inductive power factor with the holding power of the coil • at 60 Hz inductive power factor with the holding power of the coil • at 60 Hz closing delay • at AC opening delay • at AC arcing time control version of the switch operating mechanism Standard A1 - A2 Auxiliary circuit number of NC contacts for auxiliary contacts • attachable • instantaneous contact 1 unubber of NC contacts for auxiliary contacts • attachable • instantaneous contact 1 operational current at AC-12 maximum 10 A operational current at AC-15		
		0.65 1.1
at 50 Hz inductive power factor with closing power of the coil at 50 Hz at 60 Hz 79 VA apparent holding power of magnet coil at AC at 50 Hz at 50 Hz at 60 Hz 10.5 VA at 60 Hz at 60 Hz at 60 Hz but at 60 Hz coll at 50 Hz at 60 Hz but at 60 Hz coll at AC but at AC arcing time control version of the switch operating mechanism control version of the switch operating mechanism control version of the switch operating mechanism Auxillary circuit number of NC contacts for auxiliary contacts attachable		81 VA
inductive power factor with closing power of the coil at 50 Hz at 60 Hz at 50 Hz at 60 Hz at 60 Hz but at 50 Hz but at 50 Hz but at 50 Hz at 50 Hz at 60 Hz closing delay at AC at AC at AC at 16 ms arcing time control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts attachable		
■ at 50 Hz ■ at 60 Hz ■ at 50 Hz ■ apparent holding power of magnet coil at AC ■ at 50 Hz ■ at 60 Hz ■ at 60 Hz ■ at 60 Hz ■ at 50 Hz ■ at 50 Hz ■ at 50 Hz ■ at 60 Hz ■ at AC ■		70 077
apparent holding power of magnet coil at AC at 50 Hz at 60 Hz at 50 Hz at 50 Hz at 50 Hz at 50 Hz binductive power factor with the holding power of the coil at 50 Hz colsing delay at 60 Hz colsing delay at AC arcing time control version of the switch operating mechanism control version of the switch operating mechanism Auxillary circuit number of NC contacts for auxillary contacts instantaneous contact number of NO contacts for auxillary contacts attachable instantaneous contact number of NO contacts for auxillary contacts attachable instantaneous contact perational current at AC-12 maximum poperational current at AC-15		0.72
apparent holding power of magnet coil at AC at 50 Hz at 60 Hz build at 50 Hz at 60 Hz build at 50 Hz build at		
at 50 Hz at 60 Hz at 50 Hz binductive power factor with the holding power of the coil at 50 Hz binductive power factor with the holding power of the coil at 50 Hz binductive power factor with the holding power of the coil at 50 Hz binductive power factor with the holding power of the coil at 50 Hz binductive power factor with the holding power of the coil at 50 Hz binductive power factor with the holding power of the coil at 50 Hz binductive power factor with the holding power of the coil at 60 Hz binductive power factor with the holding power of the coil at 60 Hz binductive power factor with the holding power of the coil at 60 Hz binductive power factor with the holding power of the coil at 60 Hz binductive power factor with the holding power of the coil at 60 Hz binductive power factor with the holding power of the coil at 60 Hz binductive power factor with the holding power of the coil at 60 Hz binductive power factor with the holding power of the coil at 60 Hz binductive power factor with the holding power of the coil at 60 Hz binductive power factor with the holding power of the coil at 60 Hz binductive power factor with the holding power of the coil at 60 Hz binductive power factor with the holding power factor with the coil at 60 Hz binductive power factor with the holding power factor with the coil at 60 Hz binductive power factor with the holding power factor with the coil at 60 Hz binductive power factor with the holding power factor with the coil at 60 Hz binductive power factor with the factor with the coil at 60 Hz binductive power factor with the factor with the coil at 60 Hz binductive power factor with the coil at 60 Hz binductive power factor with the coil at 60 Hz binductive power factor with the coil at 60 Hz binductive power factor with the coil at 60 Hz binductive power factor with the coil at 60 Hz binductive power factor with the coil at 60 Hz binductive power factor with the coil at 60 Hz binductive power factor with the coil at 60 Hz binductive power factor with the coil at 60 Hz bindu		- Vii .
inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz 0.28 closing delay • at AC 8 40 ms opening delay • at AC 4 16 ms arcing time 10 10 ms control version of the switch operating mechanism Standard A1 - A2 Auxiliary circuit number of NC contacts for auxiliary contacts • attachable • instantaneous contact 1 number of NO contacts for auxiliary contacts • attachable • instantaneous contact • attachable • instantaneous contact • attachable • instantaneous contact 1 operational current at AC-12 maximum 10 A operational current at AC-15		10.5 VA
inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz 0.28 closing delay • at AC 8 40 ms opening delay • at AC 4 16 ms arcing time 10 10 ms control version of the switch operating mechanism Standard A1 - A2 Auxiliary circuit number of NC contacts for auxiliary contacts • attachable • instantaneous contact 1 number of NO contacts for auxiliary contacts • attachable • instantaneous contact • attachable • instantaneous contact • attachable • instantaneous contact 1 operational current at AC-12 maximum 10 A operational current at AC-15		
■ at 50 Hz ■ at 60 Hz ■ at 60 Hz ■ at AC ■ attachable ■ attachable ■ attachable ■ instantaneous contact ■ attachable ■ instantaneous contact 1 operational current at AC-12 maximum 10 A operational current at AC-15	inductive power factor with the holding power of the coil	
closing delay		0.25
at AC opening delay at AC at AC 4 16 ms arcing time 10 10 ms control version of the switch operating mechanism Standard A1 - A2 Auxiliary circuit number of NC contacts for auxiliary contacts attachable instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15	• at 60 Hz	0.28
opening delay • at AC arcing time 10 10 ms control version of the switch operating mechanism Standard A1 - A2 Auxiliary circuit number of NC contacts for auxiliary contacts • attachable • instantaneous contact 1 number of NO contacts for auxiliary contacts • attachable • instantaneous contact 1 operational current at AC-12 maximum operational current at AC-15	closing delay	
 at AC arcing time 10 10 ms control version of the switch operating mechanism Standard A1 - A2 Auxiliary circuit number of NC contacts for auxiliary contacts attachable instantaneous contact attachable attachable attachable attachable attachable aitachable ai	• at AC	8 40 ms
arcing time control version of the switch operating mechanism Standard A1 - A2 Auxiliary circuit number of NC contacts for auxiliary contacts • attachable • instantaneous contact number of NO contacts for auxiliary contacts • attachable • attachable • instantaneous contact 1 operational current at AC-12 maximum operational current at AC-15	opening delay	
control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts attachable instantaneous contact number of NO contacts for auxiliary contacts attachable attachable instantaneous contact oeattachable instantaneous contact operational current at AC-12 maximum operational current at AC-15	• at AC	4 16 ms
Auxiliary circuit number of NC contacts for auxiliary contacts attachable instantaneous contact number of NO contacts for auxiliary contacts attachable attachable instantaneous contact instantaneous contact operational current at AC-12 maximum operational current at AC-15	arcing time	10 10 ms
number of NC contacts for auxiliary contacts • attachable • instantaneous contact number of NO contacts for auxiliary contacts • attachable • instantaneous contact • instantaneous contact 1 operational current at AC-12 maximum operational current at AC-15	control version of the switch operating mechanism	Standard A1 - A2
 attachable instantaneous contact number of NO contacts for auxiliary contacts attachable instantaneous contact instantaneous contact operational current at AC-12 maximum operational current at AC-15 	Auxiliary circuit	
 instantaneous contact number of NO contacts for auxiliary contacts attachable instantaneous contact operational current at AC-12 maximum operational current at AC-15 	number of NC contacts for auxiliary contacts	1
number of NO contacts for auxiliary contacts • attachable • instantaneous contact operational current at AC-12 maximum operational current at AC-15	attachable	2
 attachable instantaneous contact operational current at AC-12 maximum operational current at AC-15 	instantaneous contact	1.
● instantaneous contact 1 operational current at AC-12 maximum 10 A operational current at AC-15	number of NO contacts for auxiliary contacts	1.
operational current at AC-12 maximum 10 A operational current at AC-15	attachable	2
operational current at AC-15	• instantaneous contact	1.
	operational current at AC-12 maximum	10 A
at 230 V rated value	operational current at AC-15	
	• at 230 V rated value	10 A
• at 400 V rated value 3 A	at 400 V rated value	3 A

 at 500 V rated value 	2 A
at 690 V rated value	1 A
operational current at DC-12	
• at 24 V rated value	10 A
at 48 V rated value	6 A
• at 60 V rated value	6 A
at 110 V rated value	3 A
at 125 V rated value	2 A
at 220 V rated value	1 A
at 600 V rated value	0.15 A
operational current at DC-13	0.13 A
•	10 A
• at 24 V rated value	
• at 48 V rated value	2 A
• at 110 V rated value	1A
• at 125 V rated value	0.9 A
at 220 V rated value	0.3 A
at 600 V rated value	0.1 A
design of the miniature circuit breaker for short-circuit protection of the auxiliary switch required	gG: 10 A (230 V, 400 A)
contact reliability of auxiliary contacts	1 faulty switching per 100 million (17 V, 1 mA)
UL/CSA ratings	
contact rating of auxiliary contacts according to UL	A600 / Q600
Short-circuit protection	
product function short circuit protection	No
design of the fuse link	
for short-circuit protection of the main circuit	
 — with type of coordination 1 required 	gG: 63 A (690 V, 100 kA)
with type of assignment 2 required	gG: 20 A (690 V, 100 kA)
for short-circuit protection of the auxiliary switch required	gG: 10 A (690 V, 1 kA)
Installation/ mounting/ dimensions	gg. 10 A (090 V, 1 kA)
	.// 4000 1 1 1 1 1 1 1 1 1
mounting position	+/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface
fastening method	screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715
 side-by-side mounting 	Yes
height	85 mm
width	60 mm
depth	97 mm
required spacing	
with side-by-side mounting	
— forwards	10 mm
	10 111111
— upwards	10 mm
— upwards	10 mm
— downwards	10 mm
downwardsat the side	
downwards— at the sidefor grounded parts	10 mm 0 mm
downwards— at the side• for grounded parts— forwards	10 mm 0 mm
 downwards at the side for grounded parts forwards upwards 	10 mm 0 mm 10 mm 10 mm
— downwards— at the side• for grounded parts— forwards	10 mm 0 mm
 downwards at the side for grounded parts forwards upwards 	10 mm 0 mm 10 mm 10 mm
 downwards at the side for grounded parts forwards upwards at the side 	10 mm 0 mm 10 mm 10 mm 6 mm
 downwards at the side for grounded parts forwards upwards at the side downwards 	10 mm 0 mm 10 mm 10 mm 6 mm
 downwards at the side for grounded parts forwards upwards at the side downwards for live parts 	10 mm 0 mm 10 mm 10 mm 10 mm 10 mm
 downwards at the side for grounded parts forwards upwards at the side downwards for live parts forwards 	10 mm 0 mm 10 mm 10 mm 10 mm 10 mm 10 mm
 downwards at the side for grounded parts forwards upwards at the side downwards for live parts forwards upwards 	10 mm 0 mm 10 mm 10 mm 10 mm 10 mm 10 mm
 downwards at the side for grounded parts forwards upwards at the side downwards for live parts forwards upwards at the side adownwards 	10 mm 0 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm
— downwards — at the side • for grounded parts — forwards — upwards — at the side — downwards • for live parts — forwards — upwards — at the side — downwards — the side — downwards — upwards — at the side Connections/ Terminals	10 mm 0 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm
- downwards - at the side • for grounded parts - forwards - upwards - at the side - downwards • for live parts - forwards - upwards - at the side - downwards • for live parts - forwards - upwards - upwards - at the side Connections/ Terminals type of electrical connection	10 mm 0 mm 10 mm
- downwards - at the side • for grounded parts - forwards - upwards - at the side - downwards • for live parts - forwards - upwards - upwards - at the side - downwards - formards - upwards - downwards - at the side Connections/ Terminals type of electrical connection • for main current circuit	10 mm 0 mm 10 mm
- downwards - at the side • for grounded parts - forwards - upwards - at the side - downwards • for live parts - forwards - upwards - upwards - downwards - at the side Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit	10 mm 0 mm 10 mm screw-type terminals screw-type terminals
- downwards - at the side • for grounded parts - forwards - upwards - at the side - downwards • for live parts - forwards - upwards - upwards - downwards - at the side Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit • at contactor for auxiliary contacts	10 mm 10 mm 10 mm 10 mm 6 mm 10 mm 10 mm 10 mm 10 mm screw-type terminals screw-type terminals screw-type terminals
- downwards - at the side • for grounded parts - forwards - upwards - at the side - downwards • for live parts - forwards - upwards - upwards - downwards - at the side Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit • at contactor for auxiliary contacts • of magnet coil	10 mm 0 mm 10 mm screw-type terminals screw-type terminals
- downwards - at the side • for grounded parts - forwards - upwards - at the side - downwards • for live parts - forwards - upwards - upwards - upwards - at the side Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit • at contactor for auxiliary contacts	10 mm 0 mm 10 mm screw-type terminals screw-type terminals screw-type terminals

 solid or stranded 	2x (1 2.5 mm²), 2x (2.5 10 mm²)	
finely stranded with core end processing	2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²	
connectable conductor cross-section for main contacts		
• solid	1 10 mm²	
 solid or stranded 	1 10 mm²	
stranded	1 10 mm²	
 finely stranded with core end processing 	1 10 mm²	
connectable conductor cross-section for auxiliary contacts		
 solid or stranded 	0.5 2.5 mm²	
finely stranded with core end processing	0.5 2.5 mm²	
type of connectable conductor cross-sections		
 for auxiliary contacts 		
— solid	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)	
— solid or stranded	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)	
 finely stranded with core end processing 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)	
 for AWG cables for auxiliary contacts 	2x (20 16), 2x (18 14)	
AWG number as coded connectable conductor cross section		
 for main contacts 	16 8	
 for auxiliary contacts 	20 14	
Safety related data		
product function		
 mirror contact according to IEC 60947-4-1 	Yes	
T1 value for proof test interval or service life according to IEC 61508	20 a	
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		
product function bus communication	No	
Certificates/ approvals		
General Product Approval		EMC





Confirmation







Functional Safety/Safety of Machinery

Declaration of Conformity

Test Certificates

Marine / Shipping

Type Examination Certificate





Special Test Certificate

Type Test Certificates/Test Report



Marine / Shipping







er (



Confirmation

other

other

Railway

Environment



Vibration and Shock

Environmental Confirmations

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=3RT2326-1AM20

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2326-1AM20

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

https://support.industry.siemens.com/cs/ww/en/ps/3RT2326-1AM20

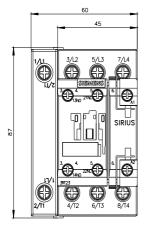
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

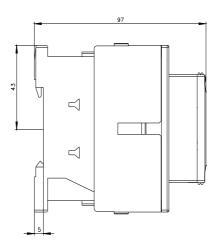
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2326-1AM20&lang=en

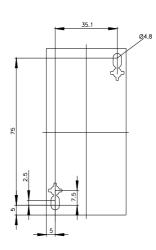
Characteristic: Tripping characteristics, I^2t , Let-through current

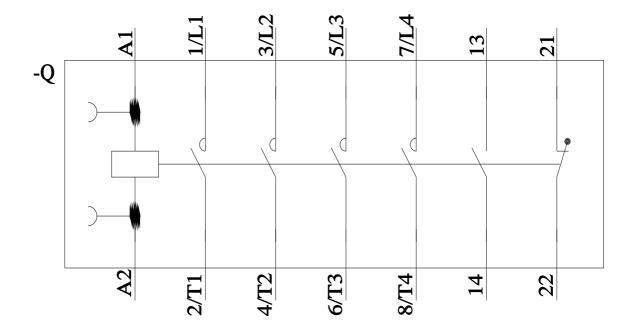
https://support.industry.siemens.com/cs/ww/en/ps/3RT2326-1AM20/char Further characteristics (e.g. electrical endurance, switching frequency)

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2326-1AM20&objecttype=14&gridview=view1









last modified: 11/21/2022 🖸