SIEMENS

Data sheet 3RT2326-1AM20



Contactor, AC-1, 40 A/400 V/40 °C, S0, 4-pole, 208 V AC, 50/60 Hz, 1 NO+1 NC, screw terminal

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 (switching 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	

 at AC-1 at 400 V at ambient temperature 40 °C rated value at AC-1 	40 A
— up to 690 V at ambient temperature 40 °C rated value	40 A
— up to 690 V at ambient temperature 60 °C rated value	35 A
• at AC-3	
— at 400 V rated value	15.5 A
 at AC-4 at 400 V rated value 	15.5 A
minimum cross-section in main circuit at maximum AC-1 rated value	10 mm ²
operating power	
 at AC-3 at 400 V rated value 	7.5 kW
at AC-4 at 400 V rated value	7.5 kW
short-time withstand current in cold operating state up to 40 °C	
limited to 1 s switching at zero current maximum	Use minimum cross-section acc. to AC-1 rated value
 limited to 5 s switching at zero current maximum 	Use minimum cross-section acc. to AC-1 rated value
Iimited to 10 s switching at zero current maximum	Use minimum cross-section acc. to AC-1 rated value
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
no-load switching frequency	
• at AC	5 000 1/h
operating frequency at AC-1 maximum	1 000 1/h
Control circuit/ Control	
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
at 60 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
● at 60 Hz	0.85 1.1
apparent pick-up power of magnet coil at AC	
● at 50 Hz	81 VA
● at 60 Hz	79 VA
inductive power factor with closing power of the coil	
● at 50 Hz	0.72
● at 60 Hz	0.74
apparent holding power of magnet coil at AC	
● at 50 Hz	10.5 VA
● at 60 Hz	8.5 VA
inductive power factor with the holding power of the coil	
coil • at 50 Hz	0.25
coil	0.25 0.28
coil • at 50 Hz • at 60 Hz closing delay	0.28
coil at 50 Hz at 60 Hz closing delay at AC	
coil • at 50 Hz • at 60 Hz closing delay • at AC opening delay	0.28 8 40 ms
coil at 50 Hz at 60 Hz closing delay at AC opening delay at AC	0.28 8 40 ms 4 16 ms
coil • at 50 Hz • at 60 Hz closing delay • at AC opening delay • at AC arcing time	0.28 8 40 ms 4 16 ms 10 10 ms
coil • at 50 Hz • at 60 Hz closing delay • at AC opening delay • at AC arcing time control version of the switch operating mechanism	0.28 8 40 ms 4 16 ms
coil • at 50 Hz • at 60 Hz closing delay • at AC opening delay • at AC arcing time control version of the switch operating mechanism Auxiliary circuit	0.28 8 40 ms 4 16 ms 10 10 ms Standard A1 - A2
coil • at 50 Hz • at 60 Hz closing delay • at AC opening delay • at AC arcing time control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts	0.28 8 40 ms 4 16 ms 10 10 ms Standard A1 - A2
coil • at 50 Hz • at 60 Hz closing delay • at AC opening delay • at AC arcing time control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts • attachable	0.28 8 40 ms 4 16 ms 10 10 ms Standard A1 - A2
coil • at 50 Hz • at 60 Hz closing delay • at AC opening delay • at AC arcing time control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts • attachable • instantaneous contact	0.28 8 40 ms 4 16 ms 10 10 ms Standard A1 - A2
coil • at 50 Hz • at 60 Hz closing delay • at AC opening delay • at AC arcing time 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	0.28 8 40 ms 4 16 ms 10 10 ms Standard A1 - A2
coil • at 50 Hz • at 60 Hz closing delay • at AC opening delay • at AC arcing time control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts • attachable • instantaneous contact	0.28 8 40 ms 4 16 ms 10 10 ms Standard A1 - A2

an austion of a very mant at A O 40	10.0
operational current at AC-12 maximum	10 A
operational current at AC-15	40.4
at 230 V rated value	10 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	
at 24 V rated value	10 A
at 48 V rated value	2 A
at 110 V rated value	1A
at 175 V rated value at 125 V rated value	0.9 A
at 125 V rated value at 220 V rated value	0.3 A
	0.1 A
at 600 V rated value design of the ministure sirguit breaker for short circuit.	
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	riddity officially por 100 million (17 V, 1 mill)
contact rating of auxiliary contacts according to UL	A600 / Q600
	A0007 Q000
Short-circuit protection	N.
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	
mounting position	+/-180° rotation possible on vertical mounting surface; can be tilted
	forward and backward by +/- 22.5° on vertical mounting surface
fastening method	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715
fastening method • side-by-side mounting	screw and snap-on mounting onto 35 mm standard mounting rail
•	screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715
side-by-side mounting	screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes
• side-by-side mounting height	screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 85 mm
• side-by-side mounting height width depth	screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 85 mm 60 mm
side-by-side mounting height width	screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 85 mm 60 mm
• side-by-side mounting height width depth required spacing • with side-by-side mounting	screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 85 mm 60 mm 97 mm
side-by-side mounting height width depth required spacing with side-by-side mounting — forwards	screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 85 mm 60 mm 97 mm
side-by-side mounting height width depth required spacing with side-by-side mounting — forwards — upwards	screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 85 mm 60 mm 97 mm
side-by-side mounting height width depth required spacing with side-by-side mounting — forwards — upwards — downwards	screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 85 mm 60 mm 97 mm 10 mm 10 mm 10 mm
side-by-side mounting height width depth required spacing with side-by-side mounting — forwards — upwards — downwards — at the side	screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 85 mm 60 mm 97 mm
side-by-side mounting height width depth required spacing with side-by-side mounting — forwards — upwards — downwards — at the side for grounded parts	screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 85 mm 60 mm 97 mm 10 mm 10 mm 0 mm
side-by-side mounting height width depth required spacing with side-by-side mounting — forwards — upwards — downwards — at the side for grounded parts — forwards	screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 85 mm 60 mm 97 mm 10 mm 10 mm 10 mm 10 mm
side-by-side mounting height width depth required spacing with side-by-side mounting — forwards — upwards — downwards — at the side for grounded parts — forwards — upwards — upwards	screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 85 mm 60 mm 97 mm 10 mm 10 mm 10 mm 10 mm 10 mm
side-by-side mounting height width depth required spacing with side-by-side mounting — forwards — upwards — downwards — at the side for grounded parts — forwards — upwards — at the side of a grounded parts — a the side upwards — upwards — at the side	screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 85 mm 60 mm 97 mm 10 mm 10 mm 10 mm 10 mm 6 mm
side-by-side mounting height width depth required spacing with side-by-side mounting — forwards — upwards — downwards — at the side for grounded parts — forwards — upwards — at the side of or grounded parts — at the side — downwards — upwards — upwards — at the side — downwards	screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 85 mm 60 mm 97 mm 10 mm 10 mm 10 mm 10 mm 10 mm
side-by-side mounting height width depth required spacing with side-by-side mounting — forwards — upwards — downwards — at the side for grounded parts — forwards — upwards — at the side of or grounded parts — forwards — upwards — upwards — at the side — downwards of or live parts	screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 85 mm 60 mm 97 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm
side-by-side mounting height width depth required spacing with side-by-side mounting — forwards — upwards — downwards — at the side for grounded parts — forwards — upwards — torwards — at the side of or grounded parts — forwards — upwards — at the side — downwards ofor live parts — forwards	screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 85 mm 60 mm 97 mm 10 mm 10 mm 10 mm 10 mm 6 mm
side-by-side mounting height width depth required spacing with side-by-side mounting — forwards — upwards — downwards — at the side for grounded parts — forwards — upwards — at the side of or grounded parts — forwards — upwards — upwards — at the side — downwards of or live parts	screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 85 mm 60 mm 97 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm
side-by-side mounting height width depth required spacing with side-by-side mounting — forwards — upwards — downwards — at the side for grounded parts — forwards — upwards — at the side for grounded parts — forwards — upwards — at the side — downwards — at the side — downwards • for live parts — forwards	screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 85 mm 60 mm 97 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm
side-by-side mounting height width depth required spacing with side-by-side mounting — forwards — upwards — downwards — at the side for grounded parts — forwards — upwards — torwards — upwards — forwards — upwards — at the side — downwards — at the side — downwards • for live parts — forwards — upwards	screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 Yes 85 mm 60 mm 97 mm 10 mm 10 mm 0 mm 10 mm

product function		
• for auxillary and control circuit • at contactor for auxillary contacts • of magnet coil type of connectable conductor cross-sections • for main contacts • solid • solid or stranded • finely stranded with core end processing • solid or stranded • finely stranded with core end processing • solid or stranded • finely stranded with core end processing • for auxillary contacts • solid or stranded • finely stranded with core end processing • for auxillary contacts • solid or stranded • finely stranded with core end processing • for auxillary contacts • solid or stranded • finely stranded with core end processing • for auxillary contacts • solid or stranded • finely stranded with core end processing • for auxillary contacts • solid or stranded • finely stranded with core end processing • for auxillary contacts • for aux	type of electrical connection	
• at contactor for auxiliary contacts • of magnet coil type of connectable conductor cross-sections • for main contacts — solid — solid or stranded — finely stranded with core end processing • at AVMC cables for main contacts • solid • solid or stranded • solid • solid or stranded • solid • solid • solid • solid or stranded • stranded • solid • solid or stranded • stranded • solid • solid or stranded • stranded • stranded • stranded • stranded • stranded of stranded • stranded of stranded of stranded • stranded • solid or stranded • stranded of stranded • stranded of stranded • stranded of stranded • solid or stranded • finely stranded with core end processing • solid or stranded • finely stranded with core end processing • for auxiliary contacts — solid — solid or stranded — finely stranded with core end processing • at AVMC cables for auxiliary contacts AWG number as coded connectable conductor cross section • for main contacts • for propoftest interval or service life according to IEC 60598 product function • mirror contact according to IEC 60947-4-1 Th value for proof test interval or service life according to IEC 60529 touch product function bus communication No Cortificates/approvals	for main current circuit	screw-type terminals
type of connectable conductor cross-sections • for main contacts - solid - solid or stranded - finely stranded with core end processing • solid or stranded • finely stranded with core end processing • solid or stranded • finely stranded with core end processing • finely stranded with core end processing • solid or stranded • finely stranded with core end processing • solid or stranded • finely stranded with core end processing • for auxiliary contacts - solid or stranded • finely stranded with core end processing • for auxiliary contacts - solid or stranded • finely stranded with core end processing • for auxiliary contacts - solid or stranded • finely stranded with core end processing • for auxiliary contacts - solid - solid or stranded • finely stranded with core end processing • for auxiliary contacts - solid - solid or stranded • finely stranded with core end processing • for auxiliary contacts - solid - solid or stranded - finely stranded with core end processing • for auxiliary contacts - solid - solid or stranded - finely stranded with core end processing • for auxiliary contacts - solid - solid or stranded - finely stranded with core end processing • for auxiliary contacts - solid - solid or stranded - finely stranded with core end processing • for auxiliary contacts - solid - solid or stranded - finely stranded with core end processing • for auxiliary contacts - solid - solid or stranded - finely stranded with core end processing • for auxiliary contacts - solid - solid or stranded - finely stranded with core end processing • for auxiliary contacts - solid - solid or stranded - finely stranded with core end processing • for auxiliary contacts - solid or stranded - finely stranded with core end processing • for auxiliary contacts - solid or stranded - finely stranded with core end process	 for auxiliary and control circuit 	screw-type terminals
type of connectable conductor cross-sections of or main contacts	 at contactor for auxiliary contacts 	Screw-type terminals
• for main contacts — solid — solid or stranded — finely stranded with core end processing • at AWG cables for main contacts • solid • solid or stranded — finely stranded with core end processing • solid • solid or stranded • silvanded with core end processing connectable conductor cross-section for auxiliary contacts • solid or stranded • silvanded with core end processing • solid or stranded • silvanded with core end processing • solid or stranded • finely stranded with core end processing • solid or stranded • finely stranded with core end processing • solid or stranded • solid	of magnet coil	Screw-type terminals
- solid or stranded	type of connectable conductor cross-sections	
solid or stranded finely stranded with core end processing at AWG cables for main contacts solid solid or stranded solid solid or stranded solid or strande	 for main contacts 	
- finely stranded with core end processing • at AWG cables for main contacts connectable conductor cross-section for main contacts • solid • solid or stranded • stranded • finely stranded with core end processing • solid or stranded • finely stranded with core end processing connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing • solid or stranded • finely stranded with core end processing • solid or stranded • finely stranded with core end processing • for auxiliary contacts - solid - solid or stranded - finely stranded with core end processing • at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross-section • for main contacts • for auxiliary contacts - for auxilia	— solid	2x (1 2.5 mm²), 2x (2.5 10 mm²)
e at AWG cables for main contacts connectable conductor cross-section for main contacts e solid e solid or stranded finely stranded with core end processing e solid or stranded of the stran	 solid or stranded 	2x (1 2.5 mm²), 2x (2.5 10 mm²)
connectable conductor cross-section for main contacts • solid • solid or stranded • stranded • stranded of finely stranded with core end processing connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing type of connectable conductor cross-sections • for auxiliary contacts - solid - solid or stranded - finely stranded with core end processing • at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross-sections • for auxiliary contacts - for auxiliary contacts - finely stranded with core end processing • at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross-section • for main contacts • for auxiliary contacts - f	 finely stranded with core end processing 	2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²
e solid or stranded e solid or stranded 1 10 mm² e finely stranded with core end processing connectable conductor cross-section for auxiliary contacts e solid or stranded e finely stranded with core end processing connectable conductor cross-section for auxiliary contacts e solid or stranded e finely stranded with core end processing type of connectable conductor cross-sections e for auxiliary contacts - solid - solid or stranded - finely stranded with core end processing e at AWG cables for auxiliary contacts e for auxiliary contacts e for main contacts e for main contacts for main contacts - for auxiliary c	 at AWG cables for main contacts 	2x (16 12), 2x (14 8)
solid or stranded solid or stranded solid or stranded solid or stranded stranded with core end processing solid or stranded with core end processing solid or stranded with core end processing solid or stranded solid or strander solid or strande		
• stranded • finely stranded with core end processing connectable conductor cross-section for auxiliary contacts • solid or stranded • 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 • at AWG cables for auxiliary contacts • for main contacts • for auxiliary contacts — a the for auxiliary contacts — solid or stranded — finely stranded with core end processing • at AWG cables for auxiliary contacts • for auxiliary contacts • for auxiliary contacts • for auxiliary contacts 16 8 • for auxiliary contacts • for auxiliary contacts • for auxiliary contacts • for auxiliary contacts • for processing • for auxiliary contacts • for auxiliary contacts • for auxiliary contacts • for processing • for auxiliary contacts • for auxiliary contacts • for auxiliary contacts • for processing • finely stranded with core end processing • finely stranded with core end processing • at AWG cables for auxiliary contacts • for auxiliary contacts • for processing • finely stranded • finel	• solid	1 10 mm²
• finely stranded with core end processing connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing • for auxiliary contacts • solid or stranded • for auxiliary contacts • solid or stranded • solid or stranded • finely stranded with core end processing • solid or stranded • solid or stranded • finely stranded with core end processing • at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section • for main contacts • for auxiliary contacts AWG number as coded connectable conductor cross section • for main contacts • for auxiliary contacts 16 8 • for auxiliary contacts 20 14 Safety related data product function • mirror contact according to IEC 60947-4-1 T value for proof test interval or service life according to IEC 61508 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 communication/ Protocol product function bus communication No Certificates/ approvals	 solid or stranded 	1 10 mm²
connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing • for auxiliary contacts - solid - solid or stranded - finely stranded with core end processing • for auxiliary contacts - solid - solid or stranded - finely stranded with core end processing • at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section • for main contacts • for auxiliary contacts - for auxiliary contacts - solid - solid or stranded - finely stranded with core end processing - at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section • for main contacts - for auxiliary contacts	stranded	1 10 mm²
contacts	 finely stranded with core end processing 	1 10 mm²
• finely stranded with core end processing type of connectable conductor cross-sections • for auxiliary contacts — solid — solid — solid or stranded — finely stranded with core end processing — finely stranded with core end processing — at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section • for main contacts • for auxiliary contacts • for auxiliary contacts • for auxiliary contacts • mirror contact according to IEC 60947-4-1 T1 value for proof test interval or service life according to IEC 61508 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 finger-safe, for vertical contact from the front Communication/ Protocol product function bus communication No Certificates/ approvals		
type of connectable conductor cross-sections • for auxiliary contacts — solid — solid or stranded — finely stranded with core end processing • at AWG cables for auxiliary contacts — for main contacts — for main contacts • for auxiliary contacts 16 8 • for auxiliary contacts 20 14 Safety related data product function • mirror contact according to IEC 60947-4-1 T1 value for proof test interval or service life according to IEC 60529 touch protection on the front according to IEC 60529 touch protection on the front according to IEC 60529 communication/ Protocol product function bus communication No Certificates/ approvals	 solid or stranded 	0.5 2.5 mm²
• for auxiliary contacts — solid — solid — solid or stranded — finely stranded with core end processing — at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section • for main contacts • for auxiliary contacts 16 8 • for auxiliary contacts 20 14 Safety related data product function • mirror contact according to IEC 60947-4-1 T1 value for proof test interval or service life according to IEC 60529 touch protection on the front according to IEC 60529 touch protection bus communication No Certificates/ approvals	 finely stranded with core end processing 	0.5 2.5 mm²
- 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) - at AWG cables for auxiliary contacts 2x (20 16), 2x (18 14) AWG number as coded connectable conductor cross section - for main contacts - for auxiliary conta	type of connectable conductor cross-sections	
- solid or stranded - finely stranded with core end processing • at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section • for main contacts • for auxiliary contacts • for auxiliary contacts • for auxiliary contacts • for auxiliary contacts • for auxiliary contacts • for auxiliary contacts • for of auxiliary contacts • for auxiliary contacts 20 14 Yes T1 value for proof test interval or service life according to IEC 61508 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 product function bus communication No Certificates/ approvals	 for auxiliary contacts 	
- finely stranded with core end processing • at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section • for main contacts • for auxiliary contacts • for auxiliary contacts • for auxiliary contacts • for auxiliary contacts • for auxiliary contacts • for auxiliary contacts • for auxiliary contacts • for auxiliary contacts • for auxiliary contacts 20 14 Safety related data product function • mirror contact according to IEC 60947-4-1 T1 value for proof test interval or service life according to IEC 61508 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 finger-safe, for vertical contact from the front Communication/ Protocol product function bus communication No Certificates/ approvals	— solid	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section of or main contacts of or auxiliary contacts of or auxiliary contacts	 solid or stranded 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
AWG number as coded connectable conductor cross section • for main contacts • for auxiliary contacts 20 14 Safety related data product function • mirror contact according to IEC 60947-4-1 T1 value for proof test interval or service life according to IEC 61508 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 communication/ Protocol product function bus communication No Certificates/ approvals	 finely stranded with core end processing 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
• for main contacts • for auxiliary contacts • for auxiliary contacts • for au	at AWG cables for auxiliary contacts	2x (20 16), 2x (18 14)
for auxiliary contacts 20 14 Safety related data product function mirror contact according to IEC 60947-4-1 T1 value for proof test interval or service life according to IEC 61508 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 Communication/ Protocol product function bus communication No Certificates/ approvals		
product function	 for main contacts 	16 8
product function	 for auxiliary contacts 	20 14
mirror contact according to IEC 60947-4-1 T1 value for proof test interval or service life according to IEC 61508 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 communication/ Protocol product function bus communication No Certificates/ approvals	Safety related data	
T1 value for proof test interval or service life according to IEC 61508 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 Communication/ Protocol product function bus communication No Certificates/ approvals	product function	
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 Communication/ Protocol product function bus communication No Certificates/ approvals	mirror contact according to IEC 60947-4-1	Yes
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		20 y
Communication/ Protocol product function bus communication No Certificates/ approvals		IP20
product function bus communication No Certificates/ approvals	touch protection on the front according to IEC 60529	finger-safe, for vertical contact from the front
Certificates/ approvals	Communication/ Protocol	
	product function bus communication	No
General Product Approval EMC	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

other













other



Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=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, ...)

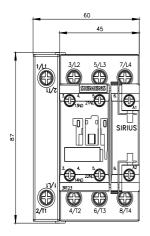
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2326-1AM20&lang=en

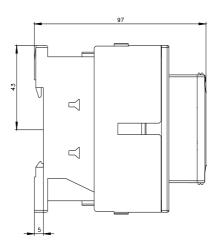
Characteristic: Tripping characteristics, I2t, Let-through current

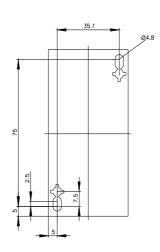
https://support.industry.siemens.com/cs/ww/en/ps/3RT2326-1AM20/char

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







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3/18/2022