3RT2326-1BB40-1AA0

Data sheet



contactor AC-1, 40 A, 400 V / 40 °C, 4-pole, 24 V DC, auxiliary contacts: 1 NO + 1 NC, screw terminal, size: S0, upright mounting position

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
without load current share typical	5.9 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 DC	10g / 5 ms, 7,5g / 10 ms
shock resistance with sine pulse	
• at DC	15g / 5 ms, 10g / 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	
 at AC-1 at 400 V at ambient temperature 40 °C rated 	40 A

value	
• at AC-1	
 up to 690 V at ambient temperature 40 °C rated value 	40 A
— up to 690 V at ambient temperature 60 °C rated	35 A
value	33 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	10 mm²
value	
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 $^{\circ}\text{C}$	
 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
 limited 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
• limited to 60 s switching at zero current maximum	Use minimum cross-section acc. to AC-1 rated value
no-load switching frequency	
• at DC	1 500 1/h
operating frequency at AC-1 maximum	1 000 1/h
Control circuit/ Control	
type of voltage	DC
type of voltage of the control supply voltage	DC
control supply voltage at DC	
• rated value	24 V
operating range factor control supply voltage rated value of	
magnet coil at DC	
initial value	0.8
full-scale value	1.1
closing power of magnet coil at DC	5.9 W
holding power of magnet coil at DC	5.9 W
closing delay	
• at DC	50 170 ms
opening delay	
• at DC	15 18 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	1
attachable	2
• instantaneous contact	1
number of NO contacts for auxiliary contacts	1
• attachable	2
• instantaneous contact	1
operational current at AC-12 maximum	10 A
operational current at AC-15	
• 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 • all 24 V rated value • at 125 V rate		
e at 48 V rated value e1 110 V rated value e1 1220 V rated value e1 220	operational current at DC-13	
11 10 / mater value	at 24 V rated value	10 A
a 12 SV rated value a 12 SV rated value a 12 SV rated value a 16 SV rated value 6 SS 90 1 he ministure creat breaker for short circuit protection of the auxiliary switch required contact trailability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) 1 faulty	• at 48 V rated value	2 A
• #1 220 V rated value	 at 110 V rated value 	1 A
e at 600 V rated value design of the ministure credit breaker for short-circuit protection of the auxiliary writth required contact ratiability of auxiliary contacts South Control Protection	at 125 V rated value	0.9 A
design of the miniature sircula breaker for short-circuit protection of the auxiliary switch required contact reliability of auxiliary contacts Contact reliability of auxiliary contacts according to UL. A600 / Q690 Short-circuit protection product function short circuit protection of the main circuit — with type of coordination 1 required — with type of coordination 1 required — with type of coordination 1 required — with type of assignment 2 required with statistical mounting dimensions Interest of the auxiliary switch required of the auxiliary switch required fastening method — side-by-side mounting his standing, on horizontal mounting surface acrew and snap-on mounting onto 35 mm DIN rall according to DIN EN 60715 — side-by-side mounting — side-by-side mounting — side-by-side mounting — forwards — upwards — of more according to DIN EN 60715 — side by a side-by-side mounting — forwards — of more according to DIN EN 60715 — side by a side-by-side mounting — forwards — of more according to DIN EN 60715 — side by a side-by-side mounting — forwards — of more according to DIN EN 60715 — forwards — of more according to DIN EN 60715 — forwards — of more according to DIN EN 60715 — forwards — of more according to DIN EN 60715 — forwards — of more according to DIN EN 60715 — forwards — of more according to DIN EN 60715 — forwards — of more according to DIN EN 60715 — forwards — of more according to DIN EN 60715 — forwards — of more according to DIN EN 60715 — forwards — of more according to DIN EN 60715 — forwards — of more according to DIN EN 60715 — forwards — of more according to DIN EN 60715 — forwards — of more according to DIN EN 60715 — forwards — of more according to DIN EN 60715 — forwards — of more according to DIN EN 60715 — forwards — of more according to DIN EN 60715 — forwards — of more according to DIN EN 60715 — forw	at 220 V rated value	0.3 A
of the auxiliary switch required Contact reliability of auxiliary contacts ULICSA ratings contact rating of auxiliary contacts Contact rating of auxiliary contacts according to UL Short-direutir protection product function short circuit protection with yee of coordination 1 required — with type of assignment 2 required — with type of assignment 2 required — with yee of assignment 2 required Installation mounting dimensions mounting position fastening method screw and snap-on mounting surface screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 80715 Yes Shorm width depth — 107 mm required spacing with side-by-side mounting — forwards — upwards — downwards — at the side — downwards — at the side — downwards — on many — forwards — on many — forwards — on many — forwards — on many — of relive parts — forwards — forwards — on many — of relive parts — forwards — on many — of remains Vipe of electrical connection • for auxiliary and control circuit • or auxiliary and control circuit • or auxiliary and control circuit • or auxiliary and control circuit • of magnet coil • for granded • for granded • for spranded • finely stranded with core and processing • for many • for spranded • finely stranded with core and processing • for many • finely stranded with core and processing • finely stranded with cor	at 600 V rated value	0.1 A
LUCGSA ratings CUCGSA		gG: 10 A (230 V, 400 A)
contact rating of auxiliary contacts according to UI. A600 / Q600 Stort-circuit protection product function short circuit protection of the fuse link - with type of coordination 1 required - with type of coordination 2 required - with type of assignment 2 required - with type of assignment 2 required - for short-circuit protection of the auxiliary switch required - with type of assignment 2 required - with side-by-side mounting dimensions mounting position - fastening method - side-by-side mounting - yes - height - with side-by-side mounting - with side-by-side mounting - with side-by-side mounting - with side-by-side mounting - forwards - upwards - downwards - of more of the side of th	,	1 faulty switching per 100 million (17 V 1 mA)
contact rating of auxiliary contacts according to U. Short-circuit protection reduct function short circuit protection Asson of the fuse link • of short-circuit protection of the main circuit — with type of coordination 1 required — with type of assignment 2 required • of short-circuit protection of the auxiliary switch required • of short-circuit protection of the auxiliary switch required • of short-circuit protection of the auxiliary switch required • of short-circuit protection of the auxiliary switch required • of short-circuit protection of the auxiliary switch required • of short-circuit protection of the auxiliary switch required • of short-circuit protection of the auxiliary switch required • of short-circuit protection of the auxiliary switch required • of short-pide mounting • of short-pide mounting • of short-pide mounting • of short-pide mounting • of main current circuit • of ownwards • of or grounded parts • of or grounded parts • of or wards • of or main current circuit • or auxiliary and control circuit • of auxiliary and control circuit • of main current circuit • of		readly officering por 100 minor (1.1.1, 1.111.1)
Short-circuit protection Product function short circuit protection Product function short circuit protection Product function short circuit protection of the main circuit Professional content of the product of the main circuit Professional circuit Production of the main circuit Professional circuit Production of the auxiliary switch required Professional circuit protection of the auxiliary switch required Professional circuit protection of the auxiliary switch required Professional circuit Profess		A600 / O600
product function short circuit protection design of the fuse link - with type of coordination 1 required - with soft-circuit protection of the auxiliary switch required - solid-by-side mounting - solid-by-side mounting - with side-by-side mounting - forwards - upwards - upwards - uth eside - of wards - of wards - of required spacing - with side-by-side mounting - forwards - upwards - ownwards - of man - ownwards - of man - ownwards - ownwards - ownwards - ownwards - of or man - ownwards - o		7,0007, 0000
design of the fuse link of tor short-circuit protection of the main circuit — with type of coordination 1 required of or short-circuit protection of the main circuit of short-circuit protection of the main circuit of short-circuit protection of the auxiliary switch required first part of short-circuit protection of the auxiliary switch required installation mounting climinations mounting position fastening method side-by-side mounting height of side-by-side mounting of side-by-side mounting side-by-s		No
• for short-circuit protection of the main circuit — with hype of coordination 1 required yg: 20 A (690 V, 100 kA) yg: 20 A (690 V, 100 kA) yg: 10 A (690 V, 110 kA) yg:	·	110
- with type of assignment 2 required 96: 63 A (690 V, 100 kA) 96: 20 A	-	
- with type of assignment 2 required • for short-circult protection of the auxiliary switch required nativaliation mounting dimensions mounting position fastening method • side-by-side mounting • with side-by-side mounting • ownwards • ownwards • ownwards • of grounded parts • for grounded parts • for wards • of man • ownwards • for live parts • for live parts • at the side • ownwards • of man • ownwards • of man • ownwards • of rownwards • of ownwards • of o	·	gG: 63 A (690 V 100 kA)
• for short-circuit protection of the auxiliary switch required standing, on horizontal mounting dimensions standing, on horizontal mounting surface screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 Yes height 85 mm width 60 mm depth 107 mm required spacing • with side-by-side mounting 10 mm 10		
mounting position standing, on horizontal mounting surface fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 Yes Man Sham width 60 pm depth 107 mm required spacing with side-by-side mounting - forwards 10 mm - upwards 10 mm - downwards 10 mm - for grounded parts - forwards 10 mm - upwards 10 mm with side-by-side mounting 10 mm - at the side 0 mm - for grounded parts - forwards 10 mm - at the side 6 mm - downwards 10 mm - at the side 6 mm - downwards 10 mm - at the side 6 mm - downwards 10 mm - for auxiliary and control circuit screw-type terminals - for auxiliary and control circuit screw-type terminals - for main current circuit screw-type terminals * solid or stranded 10 mm² * solid or stranded with core end processing 10 mm² * solid or stranded or stranded 10 mm² * solid or stranded 10 mm² * solid or stranded or stranded or stranded 10 mm² * solid or stranded o		
mounting position fastening method screw and snap-on mounting surface side-by-side mounting + Standing, on horizontal mounting surface screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 Yes height width 60 mm depth 107 mm required spacing • with side-by-side mounting — forwards — upwards — upwards — 10 mm — downwards — at the side — of or grounded parts — forwards — 10 mm — upwards — 10 mm — upwards — at the side — downwards — of mm — of mixed parts — forwards — 10 mm — upwards — 10 mm — upwards — 10 mm • for live parts — forwards — 10 mm • for live parts — forwards — 10 mm • for in in current circuit • for auxiliary and control circuit • a contactor for auxiliary contacts • of magnet coil ype of connectable conductor cross-sections for main contacts • solid • solid or stranded • finely stranded with core end processing • finely stranded with core end processing • finely stranded • finely stranded • finely stranded • finely stranded with core end processing • finely stranded • finely stranded • finely stranded with core end processing		90. 10 A (000 V, 1 IA)
fastening method		standing on horizontal mounting surface
• side-by-side mounting		<u> </u>
Neight	_	
width 60 mm depth 107 mm required spacing 107 mm with side-by-side mounting 10 mm — forwards 10 mm — downwards 10 mm — downwards 10 mm — forwards 10 mm — upwards 10 mm — at the side 6 mm — downwards 10 mm — forwards 10 mm — forwards 10 mm — upwards 10 mm — downwards 10 mm — at the side 6 mm Connections/ Terminals 10 mm type of electrical connection 6 mm • for auxiliary and control circuit screw-type terminals solid or stranded of for auxiliary contacts Screw-type terminals • solid or stranded of for stranded of finely stranded with core end processing 2x (1 25 mm²), 2x (2.5 10 mm²) connectable conductor cross-section for main contacts solid or stranded 1 10 mm² • solid or stranded of finely stranded with core end processing 1 10 mm² • solid or stranded of stran	·	
Depth 107 mm		
required spacing with side-by-side mounting — forwards — upwards — downwards — at the side o mm for grounded parts — forwards — upwards — upwards — upwards — at the side — downwards — at the side — downwards — to mm o with side by-side mounting in mm o upwards — to mm of or live parts — forwards — downwards — to mm o wards — downwards — to mm o wards — to mm o to mm o to reactions / Torminals type of electrical connection o for auxiliary and control circuit o for magnet coil type of connectable conductor cross-sections for main contacts o solid o solid or stranded o finely stranded with core end processing connectable conductor cross-section for main contacts o solid o solid or stranded o stranded o stranded o finely stranded with core end processing tun 10 mm² o finely stranded with core end processing finely stranded with core end processing of minely stranded with core end processing finely stranded with core end processing		
 with side-by-side mounting forwards upwards 10 mm downwards 10 mm at the side o mm for grounded parts for grounded parts upwards 10 mm upwards 10 mm at the side 6 mm downwards 10 mm for live parts for wards upwards for man for live parts downwards 10 mm downwards downwards at the side 6 mm Connections/ Terminals Expect electrical connection for auxiliary and control circuit at contactor for auxiliary contacts of magnet coil screw-type terminals screw-type terminals screw-type terminals screw-type terminals screw-type terminals connectable conductor cross-sections for main contacts solid solid or stranded finely stranded with core end processing connectable conductor cross-section for main contacts solid solid or stranded finely stranded with core end processing 1 10 mm² solid or stranded solid or stranded solid or stranded solid or stranded finely stranded with core end processing 1 10 mm² solid or stranded finely stranded with core end processing 1 10 mm² solid or stranded finely stranded with core end processing 1 10 mm² solid or stranded finely stranded with core end processing 1 10 mm² solid or stranded finely stranded with core end processing 1 10 mm² solid or stranded finely stranded with core end processing 1 10 mm² solid or stranded finely stranded with core end processing 1 10 mm² 	·	107 mm
forwards		
- upwards - downwards - at the side 0 mm • for grounded parts - forwards - upwards - upwards - at the side 10 mm - upwards - upwards - at the side - downwards - downwards • for live parts - forwards - upwards - forwards 10 mm - downwards - upwards - downwards - upwards - downwards - downwards - downwards - downwards - downwards - at the side - for main current circuit • for auxiliary and control circuit • at contactor for auxiliary contacts • of magnet coil type of connectable conductor cross-sections for main contacts • solid • finely stranded • finely stranded • stranded • stranded • finely stranded • stranded • finely stranded • finely stranded • finely stranded with core end processing 1 10 mm²		
- downwards - at the side • for grounded parts - forwards - upwards - upwards - at the side - downwards - at the side - downwards - at the side - downwards - for live parts - forwards - upwards - upwards - for live parts - forwards - upwards - upwards - upwards - upwards - upwards - upwards - at the side - downwards - at the side Connections/ Terminals type of electrical connection - for main current circuit - for auxiliary and control circuit - for auxiliary and control circuit - at contactor for auxiliary contacts - of magnet coil - solid - solid or stranded - finely stranded with core end processing - stranded - stranded - finely stranded with core end processing - finely stranded - finely stranded - finely stranded with core end processing		
- at the side • for grounded parts - forwards - upwards - at the side - downwards • for live parts - forwards - upwards • for live parts - forwards - upwards - upwards - upwards - upwards - downwards - upwards - downwards - uthe side - downwards - upwards - for main - 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 type of connectable conductor cross-sections for main contacts • solid • solid or stranded • finely stranded with core end processing • finely stranded • stranded • finely stranded with core end processing	•	
• for grounded parts — forwards — upwards — at the side — downwards 10 mm • for live parts — forwards — upwards — for live parts — forwards — upwards — to mm — upwards — at the side — downwards — at the side Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit • for auxiliary and control circuit • 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 connectable conductor cross-section for main contacts • solid • solid or stranded • stranded • stranded • finely stranded with core end processing • stranded • finely stranded with core end processing • stranded • finely stranded with core end processing • stranded • finely stranded with core end processing • stranded • finely stranded with core end processing • stranded • finely stranded with core end processing • stranded • finely stranded with core end processing • stranded • finely stranded with core end processing • stranded • finely stranded with core end processing • stranded • finely stranded with core end processing		10 mm
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- upwards - at the side - downwards 10 mm • for live parts - forwards 10 mm - upwards 10 mm - upwards 10 mm - upwards 10 mm - downwards 10 mm - downwards 10 mm - at the side 6 mm Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit • 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 • stranded • finely stranded • finely stranded • finely stranded with core end processing • finely stranded with core end processing • finely stranded with core end processing • finely stranded • finely stranded • finely stranded • finely stranded with core end processing 1 10 mm² • stranded • finely stranded with core end processing 1 10 mm² • finely stranded with core end processing	for grounded parts	
- at the side - downwards 10 mm • for live parts - forwards - upwards 10 mm - downwards 10 mm - downwards 10 mm - at the side 6 mm Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit • 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 • stranded • finely stranded with core end processing • stranded • finely stranded with core end processing • stranded • finely stranded with core end processing • stranded • finely stranded with core end processing • stranded • finely stranded with core end processing • stranded • finely stranded with core end processing • stranded • finely stranded with core end processing • stranded • finely stranded with core end processing • stranded • finely stranded with core end processing • stranded • finely stranded with core end processing • stranded • finely stranded with core end processing • stranded • finely stranded with core end processing	— forwards	10 mm
- downwards • for live parts - forwards - upwards - downwards - 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 type of connectable conductor cross-sections for main contacts • solid • solid or stranded • finely stranded with core end processing • stranded • finely stranded with core end processing • stranded • finely stranded with core end processing • finely stranded with core end processing • stranded • finely stranded with core end processing • stranded • finely stranded with core end processing • stranded • finely stranded with core end processing • stranded • finely stranded with core end processing • stranded • finely stranded with core end processing • stranded • finely stranded with core end processing • stranded • finely stranded with core end processing • stranded • finely stranded with core end processing • stranded • finely stranded with core end processing	— upwards	10 mm
 for live parts forwards 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 type of connectable conductor cross-sections for main contacts solid solid or stranded finely stranded with core end processing solid or stranded solid or stranded solid or stranded solid or stranded finely stranded with core end processing solid or stranded solid or stranded solid or stranded finely stranded with core end processing solid or stranded solid or stran	— at the side	6 mm
forwards 10 mm upwards 10 mm downwards 10 mm at the side 6 mm Connections/ Terminals type of electrical connection for main current circuit screw-type terminals at contactor for auxiliary and control circuit screw-type terminals of magnet coil screw-type terminals	— downwards	10 mm
- 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 type of connectable conductor cross-sections for main contacts • solid • solid or stranded • finely stranded • solid • solid or stranded • solid • solid or stranded • solid • solid or stranded • solid •	• for live parts	
- 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 type of connectable conductor cross-sections for main contacts • solid • solid or stranded • finely stranded with core end processing • solid • solid or stranded • solid • solid or stranded • solid • solid or stranded • solid or stranded • solid or stranded • solid or stranded • stranded • stranded • finely stranded with core end processing • solid • stranded • finely stranded with core end processing • finely stranded with core end processing • solid • stranded • finely stranded with core end processing	— forwards	10 mm
- at the side 6 mm Connections/ Terminals type of electrical connection • for main current circuit screw-type terminals • for auxiliary and control circuit screw-type terminals • at contactor for auxiliary contacts Screw-type terminals • of magnet coil Screw-type terminals type of connectable conductor cross-sections for main contacts • solid 2x (1 2.5 mm²), 2x (2.5 10 mm²) • 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 • stranded 1 10 mm² • finely stranded with core end processing 1 10 mm²	— upwards	10 mm
type of electrical connection • for main current circuit • for auxiliary and control circuit • 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 • solid or stranded • finely stranded with core end processing 1 10 mm² • stranded • finely stranded with core end processing 1 10 mm² • stranded • finely stranded with core end processing 1 10 mm²	— downwards	10 mm
type of electrical connection • for main current circuit • for auxiliary and control circuit • 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 • solid or stranded • stranded • stranded • finely stranded with core end processing 1 10 mm² 1 10 mm²	— at the side	6 mm
 for main current circuit for auxiliary and control circuit at contactor for auxiliary contacts of magnet coil Screw-type terminals 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 solid or stranded finely stranded with core end processing aconnectable conductor cross-section for main contacts solid or stranded solid or stranded finely stranded with core end processing 	Connections/ Terminals	
 for auxiliary and control circuit at contactor for auxiliary contacts of magnet coil Screw-type terminals type of connectable conductor cross-sections for main contacts solid solid or stranded finely stranded with core end processing solid 1 10 mm² solid or stranded solid or stranded finely stranded with core end processing solid solid solid solid or stranded stranded stranded finely stranded with core end processing 1 10 mm² 	type of electrical connection	
 at contactor for auxiliary contacts of magnet coil Screw-type terminals type of connectable conductor cross-sections for main contacts solid solid or stranded finely stranded with core end processing solid 2x (1 2.5 mm²), 2x (2.5 10 mm²) finely stranded with core end processing 2x (1 2.5 mm²), 2x (2.5 10 mm²) 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² solid solid solid or stranded stranded finely stranded with core end processing 1 10 mm² finely stranded with core end processing 1 10 mm² 1 10 mm² 	for main current circuit	screw-type terminals
 of magnet coil Screw-type terminals type of connectable conductor cross-sections for main contacts solid solid or stranded finely stranded with core end processing type of connectable conductor cross-section for main contacts solid solid solid solid or stranded solid or stranded solid or stranded solid or stranded stranded stranded finely stranded with core end processing Screw-type terminals 2x (1 2.5 mm²), 2x (2.5 10 mm²) 1x 10 mm² solid or stranded stranded finely stranded with core end processing 1 10 mm² 1 10 mm² finely stranded with core end processing 1 10 mm²	 for auxiliary and control circuit 	screw-type terminals
type of connectable conductor cross-sections for main contacts • solid • solid • solid or stranded • finely stranded with core end processing connectable conductor cross-section for main contacts • solid • solid or stranded • solid • solid or stranded • stranded • stranded • finely stranded with core end processing 1 10 mm² • stranded • finely stranded with core end processing 1 10 mm² 1 10 mm²	 at contactor for auxiliary contacts 	Screw-type terminals
 solid solid or stranded solid or stranded finely stranded with core end processing 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 solid solid or stranded stranded finely stranded with core end processing 1 10 mm² 	of magnet coil	Screw-type terminals
 solid or stranded finely stranded with core end processing 2x (1 2.5 mm²), 2x (2.5 10 mm²) 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm² solid solid solid or stranded stranded finely stranded with core end processing 1 10 mm² 	type of connectable conductor cross-sections for main contacts	
 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 solid or stranded stranded finely stranded with core end processing 1 10 mm² 1 10 mm² 1 10 mm² 1 10 mm² 	• solid	2x (1 2.5 mm²), 2x (2.5 10 mm²)
connectable conductor cross-section for main contacts • solid • solid 1 10 mm² • solid or stranded 1 10 mm² • stranded 1 10 mm² • finely stranded with core end processing 1 10 mm²	 solid or stranded 	2x (1 2.5 mm²), 2x (2.5 10 mm²)
 solid solid or stranded stranded stranded finely stranded with core end processing 1 10 mm² 1 10 mm² 1 10 mm² 	 finely stranded with core end processing 	2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²
 solid or stranded stranded finely stranded with core end processing 1 10 mm² 1 10 mm² 	connectable conductor cross-section for main contacts	
 stranded finely stranded with core end processing 1 10 mm² 1 10 mm² 	• solid	1 10 mm²
• finely stranded with core end processing 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 mm ²		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

General Product Approval



Confirmation







EMC

Functional Safety/Safety of Machinery

Declaration of Conformity

Test Certificates

Marine / Shipping

Type Examination Certificate





Type Test Certificates/Test Report





Marine / Shipping









Confirmation

other



Railway

Dangerous Good

Vibration and Shock

Transport 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

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=3RT2326-1BB40-1AA0

Cax online generator

.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2326-1BB40-1AA0

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

https://support.industry.siemens.com/cs/ww/en/ps/3RT2326-1BB40-1AA0

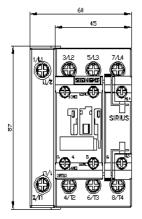
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax de.aspx?mlfb=3RT2326-1BB40-1AA0&lang=en

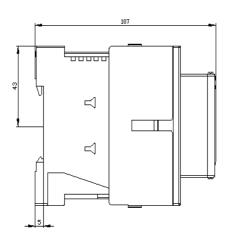
Characteristic: Tripping characteristics, I2t, Let-through current

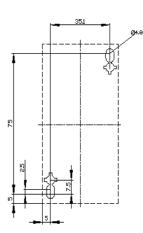
https://support.industry.siemens.com/cs/ww/en/ps/3RT2326-1BB40-1AA0/char

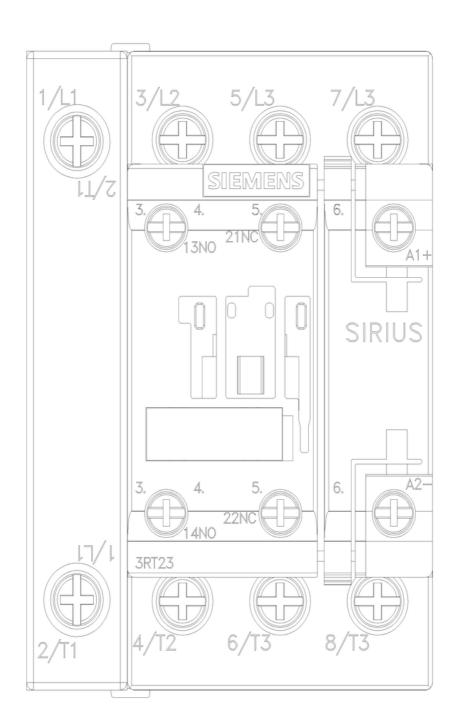
Further characteristics (e.g. electrical endurance, switching frequency)

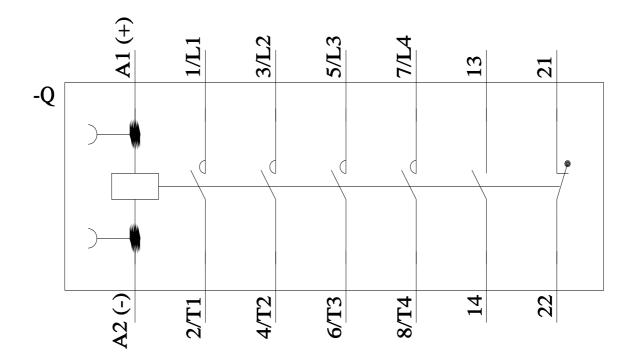
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2326-1BB40-1AA0&objecttype=14&gridview=view1











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