SIEMENS

Data sheet

3RT2617-1BF45



capacitor contactor, AC-6b 12.5 kVAr, / 400 V, 3-pole, 110 V DC, auxiliary contacts: 2 NC, screw terminal, size: S00 $\,$

product brand name	SIRIUS
product designation	capacitor contactors
product type designation	3RT26
General technical data	
size of contactor	S00
product extension auxiliary switch	No
insulation voltage	
 of main circuit with degree of pollution 3 rated value 	690 V
 of auxiliary 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
maximum permissible voltage for protective separation between coil and main contacts according to EN 60947-1	400 V
shock resistance at rectangular impulse	
• at DC	6,7g / 5 ms, 4,2g / 10 ms
shock resistance with sine pulse	
• at DC	10,5g / 5 ms, 6,6g / 10 ms
mechanical service life (operating cycles)	
 of the contactor with added auxiliary switch block typical 	3 000 000
electrical endurance (operating cycles)	300 000
reference code according to IEC 81346-2	Q
Substance Prohibitance (Date)	05/01/2014
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	3
number of NO contacts for main contacts	3
number of NC contacts for main contacts	0
operational current at AC-6b at 690 V at ambient temperature 60 $^\circ\mathrm{C}$ rated value	18 A
operating reactive power at AC-6b	
 at 230 V at 50/60 Hz at ambient temperature 60 °C rated value 	0 7.2 kvar
 at 400 V at 50/60 Hz at ambient temperature 60 °C rated value 	0 12.5 kvar

at 500 V at 50/60 Hz at ambient temperature 60 °C rated	0 15 kvar
value	0.01 horr
 at 690 V at 50/60 Hz at ambient temperature 60 °C rated value 	0 21 kvar
no-load switching frequency	-
• at DC	500 1/h
operating frequency at AC-6b	
• at 230 V maximum	180 1/h
• at 240 V maximum	180 1/h
• at 400 V maximum	180 1/h
• at 480 V maximum	180 1/h
	180 1/h
• at 500 V maximum	
• at 600 V maximum	180 1/h
at 690 V maximum	180 1/h
Control circuit/ Control	20
type of voltage	DC
type of voltage of the control supply voltage	DC
control supply voltage at DC	
rated value	110 V
operating range factor control supply voltage rated value of magnet coil at DC	
initial value	0.85
full-scale value	1.1
closing power of magnet coil at DC	4 W
holding power of magnet coil at DC	4 W
closing delay	
• at DC	30 100 ms
opening delay	
• at DC	7 13 ms
arcing time	10 15 ms
control version of the switch operating mechanism	Standard A1 - A2
Auxiliary circuit	
number of NC contacts for auxiliary contacts	2
attachable	0
instantaneous contact	2
number of NO contacts for auxiliary contacts	0
attachable	0
instantaneous contact	0
operational current of auxiliary contacts at AC-12 maximum	 10 A
operational current of auxiliary contacts at AC-15	
• at 230 V	6 A
● at 400 V	3 A
	3 A
• at 690 V	
• at 690 V operational current of auxiliary contacts at DC-13	3 A 1 A
• at 690 V	3 A
at 690 V Operational current of auxiliary contacts at DC-13 at 24 V at 60 V	3 A 1 A 6 A
at 690 V operational current of auxiliary contacts at DC-13 at 24 V at 60 V at 110 V	3 A 1 A 6 A 2 A 1 A
 at 690 V operational current of auxiliary contacts at DC-13 at 24 V at 60 V at 110 V at 125 V 	3 A 1 A 6 A 2 A 1 A 0.9 A
 at 690 V operational current of auxiliary contacts at DC-13 at 24 V at 60 V at 110 V at 125 V at 220 V 	3 A 1 A 6 A 2 A 1 A 0.9 A 0.3 A
at 690 V operational current of auxiliary contacts at DC-13 at 24 V at 60 V at 110 V at 125 V at 220 V contact reliability of auxiliary contacts	3 A 1 A 6 A 2 A 1 A 0.9 A
at 690 V operational current of auxiliary contacts at DC-13 at 24 V at 60 V at 110 V at 125 V at 220 V contact reliability of auxiliary contacts UL/CSA ratings	3 A 1 A 6 A 2 A 1 A 0.9 A 0.3 A 0.00000001
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at 690 V operational current of auxiliary contacts at DC-13 at 24 V at 60 V at 110 V at 125 V at 220 V contact reliability of auxiliary contacts UL/CSA ratings contact rating of auxiliary contacts according to UL Short-circuit protection	3 A 1 A 6 A 2 A 1 A 0.9 A 0.3 A 0.00000001
at 690 V operational current of auxiliary contacts at DC-13 at 24 V at 60 V at 110 V at 125 V at 220 V contact reliability of auxiliary contacts UL/CSA ratings contact rating of auxiliary contacts according to UL	3 A 1 A 6 A 2 A 1 A 0.9 A 0.3 A 0.00000001
at 690 V operational current of auxiliary contacts at DC-13 at 24 V at 60 V at 110 V at 125 V at 220 V contact reliability of auxiliary contacts UL/CSA ratings contact rating of auxiliary contacts according to UL Short-circuit protection design of the fuse link or short-circuit protection of the main circuit with type of	3 A 1 A 6 A 2 A 1 A 0.9 A 0.3 A 0.00000001 A600 / Q600
at 690 V operational current of auxiliary contacts at DC-13 at 24 V at 60 V at 110 V at 125 V at 220 V contact reliability of auxiliary contacts UL/CSA ratings contact rating of auxiliary contacts according to UL Short-circuit protection design of the fuse link for short-circuit protection of the main circuit with type of coordination 1 required for short-circuit protection of the auxiliary switch required	3 A 1 A 6 A 2 A 1 A 0.9 A 0.3 A 0.00000001 A600 / Q600 gG: 40 A (690 V, 50 kA)
at 690 V operational current of auxiliary contacts at DC-13 at 24 V at 60 V at 110 V at 125 V at 220 V contact reliability of auxiliary contacts UL/CSA ratings contact rating of auxiliary contacts according to UL Short-circuit protection design of the fuse link of r short-circuit protection of the main circuit with type of coordination 1 required	3 A 1 A 6 A 2 A 1 A 0.9 A 0.3 A 0.00000001 A600 / Q600 gG: 40 A (690 V, 50 kA)
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at 690 V operational current of auxiliary contacts at DC-13 at 24 V at 60 V at 110 V at 125 V at 220 V contact reliability of auxiliary contacts UL/CSA ratings contact rating of auxiliary contacts according to UL Short-circuit protection design of the fuse link for short-circuit protection of the main circuit with type of coordination 1 required for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position	3 A 1 A 6 A 2 A 1 A 0.9 A 0.3 A 0.00000001 A600 / Q600 gG: 40 A (690 V, 50 kA) gG: 10 A (500 V, 1 kA) +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface

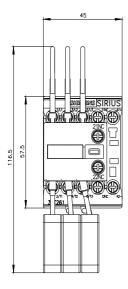
			width depth	
	width 45 mm		depth	
			•	120 mm
	depth 120 mm	depth 120 mm	required spacing	
	depth 120 mm required spacing 120 mm	depth 120 mm	 with side-by-side mounting at the side 	10 mm
	required spacing	depth 120 mm required spacing 120 mm	 for grounded parts at the side 	10 mm
	• with side-by-side mounting at the side 10 mm	depth 120 mm required spacing In mm • with side-by-side mounting at the side 10 mm	Connections/ Terminals	
	required spacing 10 mm • with side-by-side mounting at the side 10 mm • for grounded parts at the side 10 mm	depth 120 mm required spacing In mm • with side-by-side mounting at the side 10 mm	type of electrical connection	
	required spacing • with side-by-side mounting at the side 10 mm • for grounded parts at the side 10 mm Connections/ Terminals	depth 120 mm required spacing • with side-by-side mounting at the side 10 mm • for grounded parts at the side 10 mm Connections/ Terminals	 for main current circuit 	screw-type terminals
	required spacing 10 mm • with side-by-side mounting at the side 10 mm • for grounded parts at the side 10 mm connections/Terminals 10 mm	depth 120 mm required spacing 10 mm • with side-by-side mounting at the side 10 mm • for grounded parts at the side 10 mm Connections/ Terminals 10 mm	 for auxiliary and control circuit 	screw-type terminals
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	required spacing I0 mm • with side-by-side mounting at the side 10 mm • for grounded parts at the side 10 mm connections/ Terminals 10 mm type of electrical connection screw-type terminals • for main current circuit screw-type terminals • for auxiliary and control circuit screw-type terminals • at contactor for auxiliary contacts Screw-type terminals	depth 120 mm required spacing 10 mm • with side-by-side mounting at the side 10 mm • for grounded parts at the side 10 mm Connections/ Terminals 10 mm type of electrical connection screw-type terminals • for main current circuit screw-type terminals • for auxiliary and control circuit screw-type terminals • at contactor for auxiliary contacts Screw-type terminals	type of connectable conductor cross-sections for main contacts	
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	required spacing i0 mm • with side-by-side mounting at the side 10 mm • for grounded parts at the side 10 mm connections/Terminals 10 mm connections/Terminals screw-type terminals • 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 • of magnet coil Screw-type terminals	depth120 mmrequired spacing10 mm• with side-by-side mounting at the side10 mm• for grounded parts at the side10 mmConnections/ TerminalsScrew-type terminalstype of electrical connectionscrew-type terminals• for main current circuitscrew-type terminals• for auxiliary and control circuitscrew-type terminals• at contactor for auxiliary contactsScrew-type terminals• of magnet coilScrew-type terminalstype of connectable conductor cross-sections for main contactsScrew-type terminals	stranded	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²
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nc T	required spacing • with side-by-side mounting at the side 10 mm • for grounded parts at the side 10 mm • for grounded parts at the side 10 mm • for main current circuit screw-type terminals • for main current circuit screw-type terminals • for auxiliary and control circuit screw-type terminals • of magnet coil Screw-type terminals • of magnet coil Screw-type terminals • stranded 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³), 2x 4 mm ² • solid or stranded 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³), 2x 4 mm ² • solid or stranded 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³), 2x 4 mm ² • solid or stranded 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³), 2x 4 mm ² • solid or stranded 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³), 2x 4 mm ² • for auxiliary contacts - solid - solid 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³), 2x 4 mm ² - finely stranded with core end processing 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³), 2x 4 mm ² • for AWC cables for auxiliary contacts 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³) • for AWC cables for auxiliary contacts 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³) <	depth 120 mm required spacing 10 mm • with side-by-side mouting at the side 10 mm Connections/Terminals 10 mm connections/Terminals screw-type terminals • for grounded parts at the side 10 mm • for disctrical connection screw-type terminals • for main current circuit screw-type terminals • of magnet coll Screw-type terminals type of connectable conductor cross-sections for main contacts solid • solid or stranded 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³), 2x 4 mm ³ • for auxiliary contacts - solid or stranded • solid or stranded 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³), 2x 4 mm ³ • for auxiliary contacts - solid or stranded - solid or stranded 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³), 2x 4 mm ³ • for auxiliary contacts - solid - solid or stranded 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³), 2x 4 mm ³ - solid or stranded 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³), 2x 4 mm ³ - solid or stranded 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³), 2x 4 mm ³ - solid or stranded 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³), 2	Certificates/ approvals General Product Approval	
	required spacing • with side-by-side mounting at the side 10 mm • for grounded parts at the side 10 mm • for grounded parts at the side 10 mm • for main current circuit screw-type terminals • for main current circuit screw-type terminals • for auxiliary and control circuit screw-type terminals • of magnet coil Screw-type terminals • of magnet coil Screw-type terminals • stranded 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³), 2x 4 mm ² • solid or stranded 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³), 2x 4 mm ² • solid or stranded 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³), 2x 4 mm ² • solid or stranded 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³), 2x 4 mm ² • solid or stranded 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³), 2x 4 mm ² • for auxiliary contacts - solid - solid 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³), 2x 4 mm ² - finely stranded with core end processing 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³), 2x 4 mm ² • for AWC cables for auxiliary contacts 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³) • for AWC cables for auxiliary contacts 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³) <	depth 120 mm required spacing 10 mm • with side-by-side mouting at the side 10 mm Connections/Terminals 10 mm connections/Terminals screw-type terminals • for grounded parts at the side 10 mm • for disctrical connection screw-type terminals • for main current circuit screw-type terminals • of magnet coll Screw-type terminals type of connectable conductor cross-sections for main contacts solid • solid or stranded 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³), 2x 4 mm ³ • for auxiliary contacts - solid or stranded • solid or stranded 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³), 2x 4 mm ³ • for auxiliary contacts - solid or stranded - solid or stranded 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³), 2x 4 mm ³ • for auxiliary contacts - solid - solid or stranded 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³), 2x 4 mm ³ - solid or stranded 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³), 2x 4 mm ³ - solid or stranded 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³), 2x 4 mm ³ - solid or stranded 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³), 2	Certificates/ approvals General Product Approval	
	required spacing • with side-by-side mounting at the side 10 mm • for grounded parts at the side 10 mm • for grounded parts at the side 10 mm • for main current circuit screw-type terminals • for main current circuit screw-type terminals • for auxiliary and control circuit screw-type terminals • of magnet coil Screw-type terminals • of magnet coil Screw-type terminals • stranded 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³), 2x 4 mm ² • solid or stranded 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³), 2x 4 mm ² • solid or stranded 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³), 2x 4 mm ² • solid or stranded 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³), 2x 4 mm ² • solid or stranded 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³), 2x 4 mm ² • for auxiliary contacts - solid - solid 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³), 2x 4 mm ² - finely stranded with core end processing 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³), 2x 4 mm ² • for AWC cables for auxiliary contacts 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³) • for AWC cables for auxiliary contacts 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³) <	depth 120 mm required spacing 10 mm • with side-by-side mouting at the side 10 mm Connections/Terminals 10 mm connections/Terminals screw-type terminals • for grounded parts at the side 10 mm • for disctrical connection screw-type terminals • for main current circuit screw-type terminals • of magnet coll Screw-type terminals type of connectable conductor cross-sections for main contacts solid • solid or stranded 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³), 2x 4 mm ³ • for auxiliary contacts - solid or stranded • solid or stranded 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³), 2x 4 mm ³ • for auxiliary contacts - solid or stranded - solid or stranded 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³), 2x 4 mm ³ • for auxiliary contacts - solid - solid or stranded 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³), 2x 4 mm ³ - solid or stranded 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³), 2x 4 mm ³ - solid or stranded 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³), 2x 4 mm ³ - solid or stranded 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³), 2	Certificates/ approvals General Product Approval	
NC RCM	required spacing • with side-by-side mounting at the side 10 mm • for grounded parts at the side 10 mm • for grounded parts at the side 10 mm • for main current circuit screw-type terminals • for main current circuit screw-type terminals • for auxiliary and control circuit screw-type terminals • of magnet coil Screw-type terminals • of magnet coil Screw-type terminals • stranded 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³), 2x 4 mm ² • solid or stranded 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³), 2x 4 mm ² • solid or stranded 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³), 2x 4 mm ² • solid or stranded 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³), 2x 4 mm ² • solid or stranded 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³), 2x 4 mm ² • for auxiliary contacts - solid - solid 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³), 2x 4 mm ² - finely stranded with core end processing 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³), 2x 4 mm ² • for AWC cables for auxiliary contacts 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³) • for AWC cables for auxiliary contacts 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³) <	depth 120 mm required spacing 10 mm • with side-by-side mouting at the side 10 mm Connections/Terminals 10 mm connections/Terminals screw-type terminals • for grounded parts at the side 10 mm • for disctrical connection screw-type terminals • for main current circuit screw-type terminals • of magnet coll Screw-type terminals type of connectable conductor cross-sections for main contacts solid • solid or stranded 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³), 2x 4 mm ³ • for auxiliary contacts - solid or stranded • solid or stranded 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³), 2x 4 mm ³ • for auxiliary contacts - solid or stranded - solid or stranded 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³), 2x 4 mm ³ • for auxiliary contacts - solid - solid or stranded 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³), 2x 4 mm ³ - solid or stranded 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³), 2x 4 mm ³ - solid or stranded 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³), 2x 4 mm ³ - solid or stranded 2x (0.5 1.5 mm ³), 2x (0.75 2.5 mm ³), 2	Certificates/ approvals General Product Approval	
nC RCM	required spacing with side-by-side mounting at the side 10 mm 10 mm connections/Terminals type of electrical connection or any connections/Terminals screw-type terminals screw-type terminals	depth 120 mm required spacing 10 mm • with side by-side mounting at the side 10 mm • for grounded parts at the side 10 mm Connections/Terminals 500 mm • for auxiliary and control circuit screw-type terminals • of magnet coll screw-type terminals • of magnet coll screw-type terminals • stranded 2x (0.5 1.5 mm ²), 2x (0.75 2.5 mm ²), 2x 4 mm ² • solid - stranded • stranded 2x (0.5 1.5 mm ²), 2x (0.75 2.5 mm ²), 2x 4 mm ² • solid - stranded • solid or stranded 2x (0.5 1.5 mm ²), 2x (0.75 2.5 mm ²), 2x 4 mm ² • solid or stranded 2x (0.5 1.5 mm ²), 2x (0.75 2.5 mm ²), 2x 4 mm ² • solid or stranded 2x (0.5 1.5 mm ²), 2x (0.75 2.5 mm ²), 2x 4 mm ² • or auxiliary contacts 2x (0.5 1.5 mm ²), 2x (0.75 2.5 mm ²), 2x 4 mm ² • solid or stranded 2x (0.5 1.5 mm ²), 2x (0.75 2.5 mm ²), 2x 4 mm ² • or auxiliary contacts 2x (0.5 1.5 mm ²), 2x (0.75 2.5 mm ²) • or do calles for auxiliary contacts 2x (0.5 1.5 mm ²), 2x (0.75 2.5 mm ²) • at 40 °C 10 retrestore approcestor fore s	Certificates/ approvals General Product Approval Confirmation Confirmation Cccc	
AC RCM	required spacing 0 mm • with side-by-side mounting at the side 10 mm • for grounded parts at the side 10 mm Connections/Terminals screw-type terminals stype of electrical connectable screw-type terminals • of or and numern dircuit screw-type terminals • of auxiliary and control circuit screw-type terminals • of auxiliary contacts sc (0.5 15 mm ²), 2x (0.75 25 mm ²), 2x 4 mm ² • of auxiliary contacts sc (0.5 15 mm ²), 2x (0.75 25 mm ²), 2x 4 mm ² • of auxiliary contacts sc (0.5 15 mm ²), 2x (0.75 25 mm ²), 2x 4 mm ² • of auxiliary contacts sc (0.5 15 mm ²), 2x (0.75 25 mm ²), 2x 4 mm ² • of auxiliary contacts sc (0.5 15 mm ²), 2x (0.75 25 m	depth 120 mm required spacing 10 mm • with side by-side mounting at the side 10 mm • for grounded parts at the side 10 mm Connections/Terminals 500 mm • for auxiliary and control circuit screw-type terminals • of magnet coll screw-type terminals • of magnet coll screw-type terminals • stranded 2x (0.5 1.5 mm ²), 2x (0.75 2.5 mm ²), 2x 4 mm ² • solid - stranded • stranded 2x (0.5 1.5 mm ²), 2x (0.75 2.5 mm ²), 2x 4 mm ² • solid - stranded • solid or stranded 2x (0.5 1.5 mm ²), 2x (0.75 2.5 mm ²), 2x 4 mm ² • solid or stranded 2x (0.5 1.5 mm ²), 2x (0.75 2.5 mm ²), 2x 4 mm ² • solid or stranded 2x (0.5 1.5 mm ²), 2x (0.75 2.5 mm ²), 2x 4 mm ² • or auxiliary contacts 2x (0.5 1.5 mm ²), 2x (0.75 2.5 mm ²), 2x 4 mm ² • solid or stranded 2x (0.5 1.5 mm ²), 2x (0.75 2.5 mm ²), 2x 4 mm ² • or auxiliary contacts 2x (0.5 1.5 mm ²), 2x (0.75 2.5 mm ²) • or auxiliary contacts 2x (0.5 1.5 mm ²), 2x (0.75 2.5 mm ²) • at 40 °C 10 retrained 10 retrained	Certificates/ approvals General Product Approval Confirmation Confirmation Cccc	
IC RCM	required spacing with side-by-side mounting at the side 10 mm 10 mm componentions/Terminals or auxiliary and control circuit side or auxiliary contacts solid solid standed solid or stranded finely stranded with core end processing transition contacts solid or stranded finely stranded with core end processing transition contacts solid or stranded finely stranded with core end processing transition contactable conductor cross-sections for main contacts solid or stranded finely stranded with core end processing transition contactable conductor cross-sections for main contacts solid or stranded solid or stranded finely stranded with core end processing transition contactable conductor cross-sections for main contacts solid or stranded solid or	depth 120 mm required spacing 10 mm • With side by-side mounting at the side 10 mm • for grounded parts at the side 10 mm • for grounded parts at the side 10 mm • for for main current fucult screw-type terminals • for main current fucult screw-type terminals • of maxiliary and control croats screw-type terminals • of maxiliary contacts screw-type terminals • solid screw-type terminals • stranded • (0.5 15 mm?), 2x (0.7 5 25 mm?), 2x 4 mm² • solid or stranded 2x (0.5 15 mm?), 2x (0.7 5 25 mm?), 2x 4 mm² • solid or stranded 2x (0.5 15 mm?), 2x (0.7 5 25 mm?), 2x 4 mm² • or auxiliary contacts ex (0.5 15 mm?), 2x (0.7 5 25 mm?), 2x 4 mm² • or auxiliary contacts ex (0.5 15 mm?), 2x (0.7 5 25 mm?), 2x 4 mm² • or AWG cables for auxiliary contacts ex (0.5 15 mm?), 2x (0.7 5 25 mm?), 2x 4 mm² • fiely stranded with core end processing ex (0.5 15 mm?), 2x (0.7 5 25 mm?), 2x 4 mm² • for AWG cables for auxiliary contacts ex (0.5 15 mm?), 2x (0.7 5 25 mm?), 2x 4 mm² • fiely of Tranded ex (0.5 15 mm?), 2x (0.7 5 25 mm?), 2x 4 mm²	Certificates/ approvals General Product Approval Confirmation Confirmation Confirmation Cocce Declaration of Conformity Test Certificat	EMC UL EFFC ESC RCM tes Marine / Shipping
AC RCM	required spacing with side-by-side mounting at the side 10 mm 10 mm componentions/Terminals or auxiliary and control circuit side or auxiliary contacts solid solid standed solid or stranded finely stranded with core end processing transition contacts solid or stranded finely stranded with core end processing transition contacts solid or stranded finely stranded with core end processing transition contactable conductor cross-sections for main contacts solid or stranded finely stranded with core end processing transition contactable conductor cross-sections for main contacts solid or stranded solid or stranded finely stranded with core end processing transition contactable conductor cross-sections for main contacts solid or stranded solid or	depth 120 mm required spacing 10 mm • With side by-side mounting at the side 10 mm • for grounded parts at the side 10 mm • for grounded parts at the side 10 mm • for for main current fucult screw-type terminals • for main current fucult screw-type terminals • of maxiliary and control croats screw-type terminals • of maxiliary contacts screw-type terminals • solid screw-type terminals • stranded • (0.5 15 mm?), 2x (0.7 5 25 mm?), 2x 4 mm² • solid or stranded 2x (0.5 15 mm?), 2x (0.7 5 25 mm?), 2x 4 mm² • solid or stranded 2x (0.5 15 mm?), 2x (0.7 5 25 mm?), 2x 4 mm² • or auxiliary contacts ex (0.5 15 mm?), 2x (0.7 5 25 mm?), 2x 4 mm² • or auxiliary contacts ex (0.5 15 mm?), 2x (0.7 5 25 mm?), 2x 4 mm² • or AWG cables for auxiliary contacts ex (0.5 15 mm?), 2x (0.7 5 25 mm?), 2x 4 mm² • fiely stranded with core end processing ex (0.5 15 mm?), 2x (0.7 5 25 mm?), 2x 4 mm² • for AWG cables for auxiliary contacts ex (0.5 15 mm?), 2x (0.7 5 25 mm?), 2x 4 mm² • fiely of Tranded ex (0.5 15 mm?), 2x (0.7 5 25 mm?), 2x 4 mm²	Certificates/ approvals General Product Approval Confirmation Confirmation Confirmation Cocce Declaration of Conformity Test Certificat	EMC UL EFFC ESC RCM tes Marine / Shipping
nc RCM	required spacing with side-by-side mouting at the side 10 mm 10 mm connections() ferminals connections() ferminals screw-type terminals screw-type terminals connections() ferminals screw-type terminals screw-type terminals connectable conductor cross-sections for main contacts screw-type terminals screw-type terminals contact according to resold or stranded screw-type terminals screw-type terminals contact according to resold or stranded screw-type terminals screw-type terminals contact for auxiliary contacts screw-type terminals screw-type terminals contact according to resold screw-type terminals screw-type terminals contact for auxiliary contacts screw-type terminals screw-type terminals cot screw-type	depth 120 mm required spacing 10 mm • or grounded pats at the side 10 mm • or grounded pats at the side 10 mm • or grounded pats at the side 10 mm • or grounded pats at the side 10 mm • or main current circuit screw-type terminals • solid stranded • solid or stranded 2k (0.5 1.5 mm ²), 2k (0.75 2.5 mm ²), 2k 4 mm ² • or auxiliary contacts - solid - finely stranded with core end processing 2k (0.5 1.5 mm ²), 2k (0.75 2.5 mm ²), 2k 4 mm ² • for auxiliary contacts 2k (0.5 1.5 mm ²), 2k (0.75 2.5 mm ²), 2k 4 mm ² - solid or stranded - finely stranded with core end processing 2k (0.5 1.5 mm ²), 2k (0.75 2.5 mm ²), 2k 4 mm ² • for Auxiliary contacts 2k (0.5 1.5 mm ²), 2k (0.75 2.5 mm ²) 2k mm ² • for Auxiliary contactita 2k (0.5 1.5 mm ²), 2	Certificates/ approvals General Product Approval Confirmation Confirm	EMC UL EFFC ESC RCM tes Marine / Shipping
NC RCM	required spacing • 00 mm 10 mm • or grounded parts at the side 10 mm Connections? Terminals 50 mm Strated 50 mm • or main current circuit screw-type terminals • or ground current circuit screw-type terminals • or main current circuit screw-type terminals • and control of auxiliary contacts Screw-type terminals • old or stranded 2x (0.5 15 mm²), 2x (0.75 25 mm²), 2x 4 mm² • old or stranded 2x (0.5 15 mm²), 2x (0.75 25 mm²), 2x 4 mm² • old or stranded 2x (0.5 15 mm²), 2x (0.75 25 mm²), 2x 4 mm² • old or stranded 2x (0.5 15 mm²), 2x (0.75 25 mm²), 2x 4 mm² • solid or stranded 2x (0.5 15 mm²), 2x (0.75 25 mm²), 2x 4 mm² • solid or stranded 2x (0.5 15 mm²), 2x (0.75 25 mm²), 2x 4 mm² • solid or stranded 2x (0.5 15 mm²), 2x (0.75 25 mm²), 2x 4 mm² • solid or stranded 2x (0.5 15 mm²), 2x (0.75 25 mm²), 2x 4 mm² • solid or stranded 2x (0.5 15 mm²), 2x (0.75 25 mm²), 2x 4 mm² • solid or stranded 2x (0.5 15 mm²), 2x (0.75 25 mm²), 2x 4 mm² • solid or stranded 1x 4 mm², 2x 2.5 mm² • so	depth 120 mm required spacing 10 mm • or grounded pats at the side 10 mm • or grounded pats at the side 10 mm • or grounded pats at the side 10 mm • or grounded pats at the side 10 mm • or main current circuit screw-type terminals • solid stranded • solid or stranded 2k (0.5 1.5 mm ²), 2k (0.75 2.5 mm ²), 2k 4 mm ² • or auxiliary contacts - solid - finely stranded with core end processing 2k (0.5 1.5 mm ²), 2k (0.75 2.5 mm ²), 2k 4 mm ² • for auxiliary contacts 2k (0.5 1.5 mm ²), 2k (0.75 2.5 mm ²), 2k 4 mm ² - solid or stranded - finely stranded with core end processing 2k (0.5 1.5 mm ²), 2k (0.75 2.5 mm ²), 2k 4 mm ² • for Auxiliary contacts 2k (0.5 1.5 mm ²), 2k (0.75 2.5 mm ²) 2k mm ² • for Auxiliary contactita 2k (0.5 1.5 mm ²), 2	Certificates/ approvals General Product Approval Confirmation Confirm	EMC UL EFFC ESC RCM tes Marine / Shipping
	required spacing with side-by-side mouting at the side 10 mm 10 mm connections() ferminals connections() ferminals screw-type terminals screw-type terminals connections() ferminals screw-type terminals screw-type terminals connectable conductor cross-sections for main contacts screw-type terminals screw-type terminals contact according to resold or stranded screw-type terminals screw-type terminals contact according to resold or stranded screw-type terminals screw-type terminals contact for auxiliary contacts screw-type terminals screw-type terminals contact according to resold screw-type terminals screw-type terminals contact for auxiliary contacts screw-type terminals screw-type terminals cot screw-type	depth 120 mm required spacing 10 mm • or grounded pats at the side 10 mm • or grounded pats at the side 10 mm • or grounded pats at the side 10 mm • or grounded pats at the side 10 mm • or main current circuit screw-type terminals • solid stranded • solid or stranded 2k (0.5 1.5 mm ²), 2k (0.75 2.5 mm ²), 2k 4 mm ² • or auxiliary contacts - solid - finely stranded with core end processing 2k (0.5 1.5 mm ²), 2k (0.75 2.5 mm ²), 2k 4 mm ² • for auxiliary contacts 2k (0.5 1.5 mm ²), 2k (0.75 2.5 mm ²), 2k 4 mm ² - solid or stranded - finely stranded with core end processing 2k (0.5 1.5 mm ²), 2k (0.75 2.5 mm ²), 2k 4 mm ² • for Auxiliary contacts 2k (0.5 1.5 mm ²), 2k (0.75 2.5 mm ²) 2k mm ² • for Auxiliary contactita 2k (0.5 1.5 mm ²), 2	Certificates/ approvals General Product Approval Confirmation Confirm	EMC UL EFFC ESC RCM tes Marine / Shipping
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AC RCM	required spacing with side-by-side mouting at the side 10 mm 10 mm connections() ferminals connections() ferminals screw-type terminals screw-type terminals connections() ferminals screw-type terminals screw-type terminals connectable conductor cross-sections for main contacts screw-type terminals screw-type terminals contact according to resold or stranded screw-type terminals screw-type terminals contact according to resold or stranded screw-type terminals screw-type terminals contact for auxiliary contacts screw-type terminals screw-type terminals contact according to resold screw-type terminals screw-type terminals contact for auxiliary contacts screw-type terminals screw-type terminals cot screw-type	depth 120 mm required spacing 10 mm • of a grounded parts at the side 10 mm • of a grounded parts at the side 10 mm • of a grounded parts at the side 10 mm • of a mailing and control circuit screw-type terminals • of an anging and control circuit screw-type terminals • of auxiliary contacts 2x (0,5 15 mm?), 2x (0,75 25 mm?), 2x 4 mm² • of auxiliary contacts 2x (0,5 15 mm?), 2x (0,75 25 mm?), 2x 4 mm² • of auxiliary contacts 2x (0,5 15 mm?), 2x (0,75 25 mm?), 2x 4 mm² • of auxiliary contacts 2x (0,5 15 mm?), 2x (0,75 25 mm?), 2x 4 mm² • of auxiliary contacts 2x (0,5 15 mm?), 2x (0,75 25 mm?) • to AWG cables for auxiliary contacts 2x (0,5 15 mm?), 2x (0,75 25 mm?) • tortacts at Ac-05	Certificates/ approvals General Product Approval Confirmation	EMC EMC Marine / Shipping ertific- aport EMC EMC EMC EMC EMC EMC EMC EMC
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	ired spacing ivertified spacing • with side-by-side mounting at the side 10 mm • for grounded parts at the side 10 mm • for grounded parts at the side 10 mm • for mains • for 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	h120 mmired spacing10 mm• with side-by-side mounting at the side10 mm• for grounded parts at the side10 mm• for grounded parts at the side10 mm• for grounded parts at the side10 mm• for electrical connectionscrew-type terminals• for main current circuitscrew-type terminals• for auxiliary and control circuitscrew-type terminals• at contactor for auxiliary contactsScrew-type terminals• of magnet coilScrew-type terminals		$2x (0.5 \pm 1.5 \text{ mm}^2) 2x (0.75 \pm 2.5 \text{ mm}^2) 2x 4 \text{ mm}^2$
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	• with side-by-side mounting at the side 10 mm	depth 120 mm required spacing 0 mm • with side-by-side mounting at the side 10 mm		
	required spacing	depth 120 mm required spacing 120 mm	 for grounded parts at the side 	10 mm
		depth 120 mm	 with side-by-side mounting at the side 	10 mm
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	depth 120 mm		required spacing	
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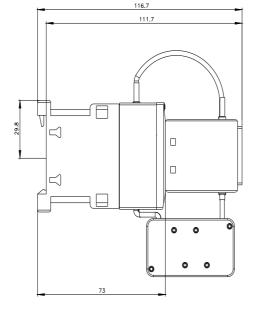
Information on the packaging https://support.industry.siemens.com/cs/ww/en/view/109813875 Information- and Downloadcenter (Catalogs, Brochures,...) https://www.siemens.com/ic10 Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RT2617-1BF45 Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2617-1BF45 Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3RT2617-1BF45 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2617-1BF45&lang=en Characteristic: Tripping characteristics, I²t, Let-through current

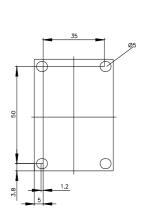
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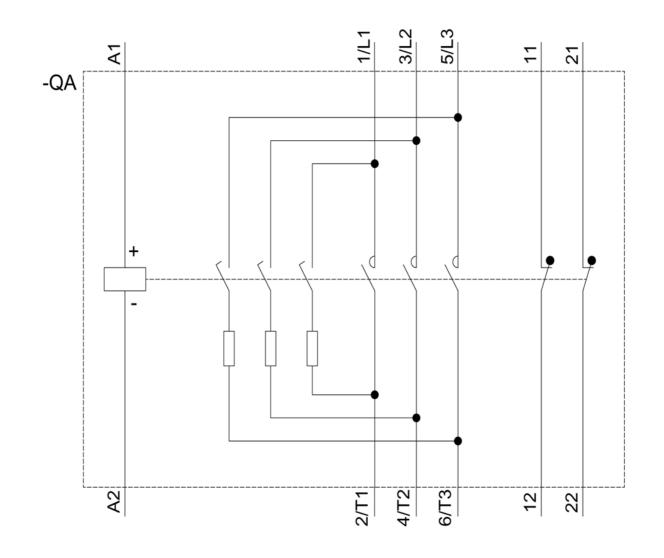
Further characteristics (e.g. electrical endurance, switching frequency)

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2617-1BF45&objecttype=14&gridview=view1









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