SIEMENS

Product data sheet

3RT2036-3AP00



CONTACTOR, AC3:22KW/400V, 1NO+1NC, 230V AC 50HZ, 3-POLE, SIZE S2, SPRING-TYPE TERMINAL

General technical data:		
product brand name		SIRIUS
Size of contactor	-	S2
Product expansion	-	
Auxiliary switch		Yes
function module for communication		No
Protection class IP / on the front		IP20
Degree of pollution		3
Installation altitude / at height above sea level / maximum	m	2,000
Ambient temperature		
during storage	°C	-55 +80
during operation	°C	-25 +60
Surge voltage resistance / Rated value	kV	6
Insulation voltage / Rated value	V	690
maximum permissible voltage for safe isolation / between coil and main contacts / acc. to EN 60947-1	V	400
Mechanical service life (switching cycles)		
of the contactor / typical		10,000,000
of the contactor with added auxiliary switch block / typical		10,000,000
 of the contactor with added electronics-compatible auxiliary switch block / typical 		5,000,000

Main circuit:		
Number of NC contacts / for main contacts		0
Number of NO contacts / for main contacts		3
Connectable conductor cross-section / in main circuit		
• at AC-1		
• at 40 °C / minimum permissible	mm²	25
• at 60 °C / minimum permissible	mm²	25
Operating current		
• at AC-1 / up to 690 V		
• at ambient temperature 40 °C / Rated value	А	70
• at ambient temperature 60 °C / Rated value	A	60
• at AC-2 / at 400 V / Rated value	A	51
• at AC-3		
• at 400 V / Rated value	А	51
• at 500 V / Rated value	А	50
• at 690 V / Rated value	А	24
• at AC-4 / at 400 V / Rated value	А	41
Operating current / for \geq 200000 operating cycles / at AC-4		
• at 400 V / Rated value	А	24
• at 690 V / Rated value	А	20
Operating current		
• with 1 current path / at DC-1		
• at 24 V / Rated value	А	60
• at 110 V / Rated value	А	4.5
• at 220 V / Rated value	A	2
• at 440 V / Rated value	А	0.4
• at 600 V / Rated value	А	0.25
• with 2 current paths in series / at DC-1		
• at 24 V / Rated value	А	60
• at 110 V / Rated value	А	45
• at 220 V / Rated value	А	5
• at 440 V / Rated value	А	1
• at 600 V / Rated value	А	0.8
• with 3 current paths in series / at DC-1		
• at 24 V / Rated value	А	55
• at 110 V / Rated value	А	45
• at 220 V / Rated value	А	45
• at 440 V / Rated value	А	2.9
• at 600 V / Rated value	А	1.4

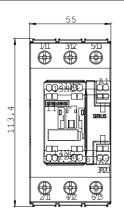
Operating current		
• with 1 current path / at DC-3 / at DC-5		
• at 24 V / Rated value	А	35
• at 110 V / Rated value	А	2.5
• at 220 V / Rated value	А	2
• at 440 V / Rated value	А	0.1
• at 600 V / Rated value	А	0.06
• with 2 current paths in series / at DC-3 / at DC-5		
• at 24 V / Rated value	А	55
• at 110 V / Rated value	А	25
• at 220 V / Rated value	А	5
• at 440 V / Rated value	А	0.27
• at 600 V / Rated value	А	0.16
• with 3 current paths in series / at DC-3 / at DC-5		
• at 24 V / Rated value	А	55
• at 110 V / Rated value	А	45
• at 220 V / Rated value	А	25
• at 440 V / Rated value	А	0.6
• at 600 V / Rated value	А	0.6
Operating power		
• at AC-1 / at 230 V / Rated value	kW	26
• at AC-1 / at 400 V / Rated value	kW	46
• at AC-1 / at 690 V / Rated value	kW	79
• at AC-2		
• at 400 V / Rated value	kW	22
• at AC-3		
• at 230 V / Rated value	kW	15
• at 400 V / Rated value	kW	22
• at 500 V / Rated value	kW	30
• at 690 V / Rated value	kW	22
• at AC-4		
• at 400 V / Rated value	kW	22
Operating power / for \geq 200000 operating cycles / at AC-4		
• at 400 V / Rated value	kW	12.6
• at 690 V / Rated value	kW	18.2
Thermal short-time current / restricted to 10 s	А	420
Active power loss / at AC-3 / at 400 V / for rated value of the operating current / per conductor	W	4
No-load switching frequency		
• with AC	1/h	5,000

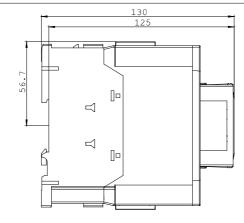
	_	
Operating frequency		
• at AC-1 / maximum	1/h	1,200
• at AC-2 / maximum	1/h	600
• at AC-3 / maximum	1/h	1,000
• at AC-4 / maximum	1/h	300
Control circuit/ Control:		
Type of voltage / of the control supply voltage		AC
Control supply voltage		
• with AC / at 50 Hz / Rated value	V	230
Operating range factor control supply voltage rated value / of the magnet coil		
• with AC / at 50 Hz		0.8 1.1
Apparent pick-up power / of the magnet coil / with AC		
• at 50 Hz	V·A	190
Apparent holding power / of the magnet coil / with AC		
• at 50 Hz	V·A	16
Closing delay		
• with AC	ms	10 80
Opening delay		
• with AC	ms	10 18
Arcing time	ms	10 20
Auxiliary circuit:		
Number of NC contacts / for auxiliary contacts / instantaneous contact		1
Number of NO contacts / for auxiliary contacts / instantaneous contact		1
Operating current		
• at AC-12 / maximum	А	10
• at AC-15		
• at 230 V / Rated value	А	10
• at 400 V / Rated value	А	3
• at 500 V / Rated value	А	2
• at 690 V / Rated value	А	1
Operating current / at DC-12		
• at 24 V / Rated value	А	10
• at 48 V / Rated value	А	6
• at 60 V / Rated value	А	6
• at 110 V / Rated value	А	3
• at 125 V / Rated value	А	2

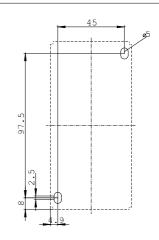
 at 20 V / Rated value A 1 at 40 V / Rated value A Constrain Control A A A Constrain Control A Constrain Control A Constrain Control Constrain Contro Consthort circuit protection of the auxiliary witch /			
• at 600 V / Rated valueA0.15Operating current / at DC-13	• at 220 V / Rated value	А	1
Operating current / at DC-13 A 10 - at 24 V / Rated value A 10 - at 45 V / Rated value A 2 - at 60 V / Rated value A 2 - at 10 V / Rated value A 2 - at 10 V / Rated value A 0.9 - at 20 V / Rated value A 0.3 - at 200 V / Rated value A 0.1 - at 600 V / Rated value A 0.1 - at 600 V / Rated value A 0.1 - at 600 V / Rated value A 0.1 - of single phase AC motor - - - at 200 V / Rated value hp 3 - at 200 V / Rated value hp 10 - for single phase AC motor - - - at 200/28 V / Rated value hp 15 - at 200/28 V / Rated value hp 15 - at 200/28 V / Rated value hp 50 - at 60/400 V / Rated value hp 50 - at 60/400 V / Rated value A 52 <td< td=""><td>• at 440 V / Rated value</td><td>А</td><td>0.3</td></td<>	• at 440 V / Rated value	А	0.3
• at 24 V / Rated valueA10• at 46 V / Rated valueA2• at 60 V / Rated valueA2• at 10 V / Rated valueA1• at 125 V / Rated valueA0.3• at 220 V / Rated valueA0.3• at 400 V / Rated valueA0.14• at 600 V / Rated valueA0.14• at 600 V / Rated valueA0.14• at 600 V / Rated valueA0.1U/CSA ratings:Videid machanical performance (p)• for single-phase AC motor-• at 2020 V / Rated valuehp3• at 2020 V / Rated valuehp10• for these-phase AC motor-• at 2020 V / Rated valuehp15• at 2020 V / Rated valuehp15• at 2020 V / Rated valuehp15• at 2020 V / Rated valuehp16• at 575600 V / Rated valuehp50• at 400480 V / Rated valuehp52• at 40040 V / Rated valueA52• at 400 V / Rated value <td>• at 600 V / Rated value</td> <td>А</td> <td>0.15</td>	• at 600 V / Rated value	А	0.15
• at 80 // Rated valueA2• at 10 V / Rated valueA1• at 125 V / Rated valueA0.9• at 220 V / Rated valueA0.9• at 220 V / Rated valueA0.14• at 220 V / Rated valueA0.14• at 600 V / Rated valueBp3• for single-phase AC motor-• at 230 V / Rated valuehp15• at 200/208 V / Rated valuehp15• at 200/208 V / Rated valuehp15• at 200/208 V / Rated valuehp50• at 220/230 V / Rated valuehp50• at 220/230 V / Rated valuehp50• at 480/480 V / Rated valuehp50• at 480/480 V / Rated valuehp50• at 480/480 V / Rated valuehp50• at 480 V / Rated valueA52• of short-circuit protection of	Operating current / at DC-13		
A to V / Rated valueA2• at 110 V / Rated valueA0.9• at 220 V / Rated valueA0.9• at 220 V / Rated valueA0.3• at 400 V / Rated valueA0.14• at 600 V / Rated valueA0.14• at 600 V / Rated valueA0.1UPUED TO	• at 24 V / Rated value	А	10
• at 110 V / Rated valueA1• at 125 V / Rated valueA0.9• at 220 V / Rated valueA0.3• at 440 V / Rated valueA0.14• at 600 V / Rated valueA0.1UICSA ratings:Vided mechanical performance (hp)• for single-phase AC motorhp• at 100 / V / Rated valuehp3• at 200 / Rated valuehp10• for single-phase AC motorhp15• at 200 / Rated valuehp15• at 200 / Rated valuehp15• at 200 / Rated valuehp50FUI-bod current (FLA) for three-phase AC motorA52• at 460480 V / Rated valueA52• at 46040 v/ Rated valueA52• at 600 V / Rated valueA52• biot-cicuit protection of the auxiliary switch / requiredfus	• at 48 V / Rated value	А	2
A0.9• at 250 V / Rated valueA0.3• at 440 V / Rated valueA0.14• at 600 V / Rated valueA0.14• at 600 V / Rated valueA0.1ULCSA ratings:yielded mechanical performance [hp]-• for single-phase AC motor-• at 1101/20 V / Rated valuehp3• at 230 V / Rated valuehp10• at 200/20 V / Rated valuehp15• at 200/20 V / Rated valuehp15• at 200/20 V / Rated valuehp15• at 200/20 V / Rated valuehp50• at 460/480 V / Rated valuehp50• at 460/480 V / Rated valuehp50• at 460 V / Rated valueA52• at 600 V / Rated valueA </td <td>• at 60 V / Rated value</td> <td>А</td> <td>2</td>	• at 60 V / Rated value	А	2
A0.3• at 440 V / Rated valueA0.14• at 600 V / Rated valueA0.14• at 600 V / Rated valueA0.1UUCSA ratings:yielded mechanical performance [tp]-• for single-phase AC motor-• at 110/120 V / Rated valuehp3• at 230 V / Rated valuehp10• for three-phase AC motor-• at 200/208 V / Rated valuehp15• at 200/208 V / Rated valuehp15• at 200/208 V / Rated valuehp15• at 460/480 V / Rated valuehp15• at 460/480 V / Rated valuehp50• at 460/480 V / Rated valuehp50• at 460/480 V / Rated valuehp50• at 460/480 V / Rated valueA52• at 600 V / Rated valueA52• or short-circuit protection of the auxiliary switch / requiredfuse gL/gG: 10 A• for short-circuit protection of the main circuit• with type of assignment 1 / required• fuse fullowgL/gO NH 3NA, DIAZED SSB, NEOZED SSE: 200 AInstallation/ mounting/ dimensiones:• witch on outsing onto 35 mm standardmounting position• witch mounting unface: vertical mounting unface: can be titted forward and backward by +- 22.5° on vertical mounting unfaceMounting typefuse sang-on mounting onto 35 mm standard <tr< td=""><td>• at 110 V / Rated value</td><td>А</td><td>1</td></tr<>	• at 110 V / Rated value	А	1
A at 400 V / Rated valueA at 6.14• at 600 V / Rated valueA at 6.14VU/CSA ratings:1Vielded mechanical performance [tp]•• for single-phase AC motorhp 3• at 100/120 V / Rated valuehp 10• at 230 V / Rated valuehp 10• for three-phase AC motor-• at 200/208 V / Rated valuehp 15• at 200/208 V / Rated valuehp 15• at 200/208 V / Rated valuehp 20• at 460/480 V / Rated valuehp 30• at 480 V / Rated valueA 32• at 480 V / Rated valueA 32 <td>• at 125 V / Rated value</td> <td>А</td> <td>0.9</td>	• at 125 V / Rated value	А	0.9
A 0.1 ULCSA ratings: yielded mechanical performance [hp]	• at 220 V / Rated value	А	0.3
UL/CSA ratings: yielded mechanical performance [hp] • for single-phase AC motor hp 3 • at 110/120 V / Rated value hp 10 • at 230 V / Rated value hp 10 • for three-phase AC motor - - • at 200/208 V / Rated value hp 15 • at 200/208 V / Rated value hp 15 • at 200/208 V / Rated value hp 40 • at 200/208 V / Rated value hp 50 • at 460/480 V / Rated value hp 50 • at 4575/600 V / Rated value A 52 • at 600 V / Rated value A 52 • at 600 V / Rated value A 52 • at 600 V / Rated value A 52 • at 600 V / Rated value A 52 • or short-circuit protection of the auxiliary switch / required fuse gL/gG: 10 A • for short-circuit protection of the main circuit gL/gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 200 A thetalation/ mounting dimensions: mounting position */-180° rotation possible on vertical mounting surface • for short-circuit protection of the	• at 440 V / Rated value	А	0.14
yielded mechanical performance [hp] · for single-phase AC motor · at 110/120 V / Rated value hp 3 · at 230 V / Rated value hp 10 · for three-phase AC motor - · at 200/208 V / Rated value hp 15 · at 200/208 V / Rated value hp 15 · at 200/208 V / Rated value hp 16 · at 200/208 V / Rated value hp 15 · at 200/208 V / Rated value hp 16 · at 200/208 V / Rated value hp 15 · at 400/480 V / Rated value hp 50 Full-ded current (FLA) / for three-phase AC motor - · at 800 V / Rated value A 52 Contact rating / of the auxiliary contacts / acc. to UL A600 / P600 Short-circuit - - Design of the fuse link - fuse gL/gG: 10 A · for short-circuit protection of the auxiliary switch / required - - · with type of assignment 1 / required - - · with type of assignment 1 / required +/-180° rotation possible on vertical mounting surface: mounting position +/-180° rotation possible on vertical mounting surface: Mounting type - - With mm 55	• at 600 V / Rated value	А	0.1
• for single-phase AC motorhp3• at 110/120 V / Rated valuehp10• for three-phase AC motorhp10• for three-phase AC motorhp15• at 200/208 V / Rated valuehp15• at 460/480 V / Rated valuehp40• at 450/480 V / Rated valuehp50Full-load current (FLA) / for three-phase AC motor-• at 480 V / Rated valueA52• at 480 V / Rated valueA52• at 480 V / Rated valueA52• at 600 V / Rated valueA52• or short-circuit protection of the auxiliary switch / requiredfuse gL/gG: 10 A• for short-circuit protection of the auxiliary switch / requiredfuse gL/gG: 10 A• for short-circuit protection of the main circuitgL/gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 200 AInstallation/ mounting/ dimensions:*/-180° rotation possible on vertical mounting surface; can be titled forward and backward by +/-22.5° on vertical mounting surfaceMounting typescrew and snap-on mounting onto 35 mm standard mounting reil according to DIN EN 50022Widthmm55	UL/CSA ratings:		
• at 110/120 V / Rated valuehp3• at 230 V / Rated valuehp10• for three-phase AC motorhp15• at 200/208 V / Rated valuehp15• at 200/208 V / Rated valuehp15• at 200/208 V / Rated valuehp0• at 460/480 V / Rated valuehp50• at 460/480 V / Rated valueA52• at 460 V / Rated valueA52• at 480 V / Rated valueA52• at 600 V / Rated valueA52• for short-circuit protection of the auxiliary switch / requiredfuse gL/gG: 10 A• for short-circuit protection of the main circuit• with type of assignment 1 / required• with type of assignment 1 / required• with 60° rotation possible	yielded mechanical performance [hp]		
hp10• for three-phase AC motorhp15• at 200/208 V / Rated valuehp15• at 200/208 V / Rated valuehp15• at 200/208 V / Rated valuehp40• at 220/230 V / Rated valuehp40• at 460/480 V / Rated valuehp50• at 460/480 V / Rated valueA52• at 480 V / Rated valueA52• at 480 V / Rated valueA52• at 680 V / Rated valueA52• ot at 680 V / Rated valueA52• ot for the auxiliary contacts / acc. to ULA600 / P600• ot short-circuitFuse gL/gC: 10 AFuse gL/gC: 10 A• for short-circuit protection of the main circuit • with type of assignment 1 / requiredfuse gL/gC NH 3NA, DIAZED 5SB, NEOZED 5SE: 200 A• fetallation/ mounting/ dimensions:+/-180° rotation possible on vertical mounting surface: can be tilted forward and backward by +/- 22.5° on vertical mounting surfaceMounting typescrew and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022Widthmm55	for single-phase AC motor		
• for three-phase AC motorImage: fill the second secon	• at 110/120 V / Rated value	hp	3
hp15. at 220/230 V / Rated valuehp15. at 460/480 V / Rated valuehp40. at 460/480 V / Rated valuehp50. at 675/600 V / Rated valuehp50. at 675/600 V / Rated valueA52. at 480 V / Rated valueA52. at 600 V / Rated valueA52. for short-circuit protection of the auxiliary switch / requiredI. for short-circuit protection of the auxiliary switch / requiredI. for short-circuit prote	• at 230 V / Rated value	hp	10
hp15. at 460/480 V / Rated valuehp40. at 600/480 V / Rated valuehp50Full-load current (FLA) / for three-phase AC motor at 600 V / Rated valueA52. at 600 V / Rated valueA52. at 600 V / Rated valueA52. at 600 V / Rated valueA52Contact rating / of the auxiliary contacts / acc. to ULA600 / P600Short-circuit:Design of the fuse link . for short-circuit protection of the auxiliary switch / requiredfuse gL/gG: 10 A. for short-circuit protection of the main circuit . with type of assignment 1 / requiredfuse gL/gG: NH 3NA, DIAZED 5SB, NEOZED 5SE: 200 AInstallation/ mounting/ dimensions:t/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surfaceMounting typescrew and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022Widthmm55	for three-phase AC motor		
• at 460/480 V / Rated valuehp40• at 575/600 V / Rated valuehp50Full-load current (FLA) / for three-phase AC motor-• at 480 V / Rated valueA52• at 600 V / Rated valueA52• of the auxiliary contacts / acc. to ULA 600 / P600Short-circuitFor short-circuit protection of the auxiliary switch / requiredfuse gL/gG: 10 A• for short-circuit protection of the main circuitgL/gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 200 A• installation/ mounting/ dimensions:+/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surfaceMounting typescrew and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022Widthmm55	• at 200/208 V / Rated value	hp	15
hp50Full-load current (FLA) / for three-phase AC motorA• at 480 V / Rated valueA• at 480 V / Rated valueA• at 600 V / Rated valueA52Contact rating / of the auxiliary contacts / acc. to ULAShort-circuit:ADesign of the fuse linkfuse gL/gG: 10 A• for short-circuit protection of the auxiliary switch / requiredfuse gL/gG: 10 A• for short-circuit protection of the main circuitgL/gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 200 AInstallation/ mounting/ dimensions:*/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surfaceMounting typescrew and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022Widthmm55	• at 220/230 V / Rated value	hp	15
Full-load current (FLA) / for three-phase AC motor A 52 • at 480 V / Rated value A 52 • at 600 V / Rated value A 52 Contact rating / of the auxiliary contacts / acc. to UL A 600 / P600 Short-circuit: A 52 Design of the fuse link fuse gL/gG: 10 A • for short-circuit protection of the auxiliary switch / required fuse gL/gG: 10 A • for short-circuit protection of the main circuit gL/gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 200 A Installation/ mounting/ dimensions: +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface Mounting type screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022 Width mm 55	• at 460/480 V / Rated value	hp	40
• at 480 V / Rated valueA52• at 600 V / Rated valueA52Contact rating / of the auxiliary contacts / acc. to ULA 600 / P600Short-circuit:Design of the fuse link• for short-circuit protection of the auxiliary switch / required• for short-circuit protection of the main circuitfuse gL/gG: 10 A• with type of assignment 1 / requiredgL/gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 200 AInstallation/ mounting/ dimensions:mounting position*/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surfaceMounting typescrew and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022Widthmm55	• at 575/600 V / Rated value	hp	50
• at 600 V / Rated valueA52Contact rating / of the auxiliary contacts / acc. to ULA600 / P600Short-circuit:Design of the fuse link • for short-circuit protection of the auxiliary switch / required • for short-circuit protection of the main circuit • with type of assignment 1 / requiredfuse gL/gG: 10 AInstallation/ mounting/ dimensions:mounting positiongL/gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 200 AMounting typescrew and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022Widthmm55	Full-load current (FLA) / for three-phase AC motor	_	
Contact rating / of the auxiliary contacts / acc. to UL A600 / P600 Short-circuit: Design of the fuse link for short-circuit protection of the auxiliary switch / required for short-circuit protection of the main circuit with type of assignment 1 / required gL/gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 200 A Installation/ mounting/ dimensions: +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface Mounting type screw and snap-on mounting to DIN EN 50022 Width mm 55 mm 55 Mounting type mm 55 1000000000000000000000000000000000000	• at 480 V / Rated value	А	52
Short-circuit: Design of the fuse link fuse gL/gG: 10 A • for short-circuit protection of the auxiliary switch / required fuse gL/gG: 10 A • for short-circuit protection of the main circuit gL/gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 200 A 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 Mounting type screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022 Width mm 55	• at 600 V / Rated value	А	52
Design of the fuse linkImage: Second sec	Contact rating / of the auxiliary contacts / acc. to UL	_	A600 / P600
• for short-circuit protection of the auxiliary switch / requiredfuse gL/gG: 10 A• for short-circuit protection of the main circuit • with type of assignment 1 / requiredgL/gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 200 AInstallation/ mounting/ dimensions:Installation / mounting / dimensions:mounting position+/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surfaceMounting typescrew and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022Widthmm55	Short-circuit:		
• for short-circuit protection of the main circuit gL/gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 200 A • with type of assignment 1 / required gL/gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 200 A Installation/ mounting/ dimensions:	Design of the fuse link		
• with type of assignment 1 / requiredgL/gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 200 AInstallation/ mounting/ dimensions:mounting positionfmounting positionfmounting typeMounting typeWidthmm55	for short-circuit protection of the auxiliary switch / required		fuse gL/gG: 10 A
Installation/ mounting/ dimensions: mounting position Mounting type Mounting type Width mm	for short-circuit protection of the main circuit		
mounting position+/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surfaceMounting typescrew and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022Widthmm55	 with type of assignment 1 / required 		gL/gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 200 A
Mounting type can be tilted forward and backward by +/- 22.5° on vertical mounting surface Mounting type screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022 Width mm 55	Installation/ mounting/ dimensions:		
Width mounting rail according to DIN EN 50022	mounting position		can be tilted forward and backward by +/- 22.5° on
	Mounting type		
Height mm 113.4	Width	mm	55
	Height	mm	113.4

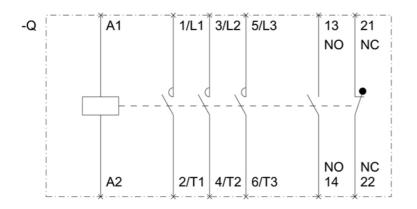
Depth		mm	130
Spacing required / with side-by-side mou	nting	mm	0
Connections/ terminals:			
Design of the electrical connection		_	
for main current circuit			screw-type terminals
 for auxiliary and control current circuit 	t		spring-loaded terminals
Type of connectable conductor cross-sec			
for main contacts			
 single or multi-stranded 			2x (1 35 mm²), 1x (1 50 mm²)
 finely stranded / with core end pro 	cessing		2x (1 25 mm²), 1x (1 35 mm²)
• for AWG conductors / for main contact	cts		2x (18 2), 1x (18 1)
Type of connectable conductor cross-sec	tion	-	
 for auxiliary contacts 			
 single or multi-stranded 			2x (0,5 2,5 mm²)
 finely stranded / with core end pro 	cessing		2x (0.5 1.5 mm²)
• finely stranded / without core end	processing		2x (0.5 2.5 mm²)
 for AWG conductors / for auxiliary co 	ntacts		2x (20 14)
Safety related data:			
Proportion of dangerous failures			
with low demand rate / acc. to SN 31	920	%	40
with high demand rate / acc. to SN 31920 with high demand rate / acc. to SN 31920		%	73
Product function			
Mirror contact acc. to IEC 60947-4-1			Yes
positively driven operation acc. to IEC	60947-5-1		No
Certificates/ approvals:			
General Product Approval	other		
	Confirmation		
Further information:			
Information- and Downloadcenter (Catalogs, Brochures,)			
http://www.siemens.com/industrial-contro	ls/catalogs		
Industry Mall (Online ordering system) http://www.siemens.com/industrymall			
Cax online generator			
http://www.siemens.com/cax			

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) http://support.automation.siemens.com/WW/view/en/3RT2036-3AP00/all Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RT2036-3AP00









last change:

Dec 17, 2014