SIEMENS

Data sheet 3RT1066-2AU36



CONTACTOR, 160KW/400V/AC-3 AC(40...60HZ)/DC OPERATION UC 240-277 AUXILIARY CONTACTS 2NO+2NC 3-POLE, SIZE S10 BAR CONNECTIONS CONVENT. OPERATING MECHANISM CAGE CLAMP TERMINAL

Figure similar

product brand name	SIRIUS
Product designation	power contactor

General technical data:		
Insulation voltage		
Rated value	V	1 000
Degree of pollution		3
Surge voltage resistance Rated value	kV	8
Mechanical service life (switching cycles)		
 of the contactor typical 		10 000 000
 of the contactor with added electronics- compatible auxiliary switch block typical 		5 000 000
 of the contactor with added auxiliary switch block typical 		10 000 000
Thermal short-time current restricted to 10 s	Α	2 400
Protection class IP		
• on the front		IP00
• of the terminal		IP00
Equipment marking		
• acc. to DIN EN 61346-2		Q
• acc. to DIN EN 81346-2		Q
A.Ain-close-ide		

Main circuit:	
Number of poles for main current circuit	3
Number of NC contacts for main contacts	0
Number of NO contacts for main contacts	3
Operating current	

— at 400 V at ambient temperature 40 °C Rated value — up to 690 V at ambient temperature 40 °C Rated value — up to 690 V at ambient temperature 60 °C Rated value — up to 690 V at ambient temperature 60 °C Rated value — up to 690 V Rated value — at 400 V Rated value — at 690 V Rated value — at 400 V Rated value — at 2400 V Rated value — at 240 Rated value — at 100-1 — at 24 V Rated value — at 110 V Rated value — at 124 V Rated value — at 110 V Rated value — at 24 V Rated value — at 25 V Rated value — at 26 V Rated value — at 27 V Rated value — at 28 V Rate	• at AC-1		
up to 690 V at ambient temperature 40 °C Rated value up to 690 V at ambient temperature 60 °C Rated value up to 690 V at ambient temperature 60 °C Rated value • at AC-3 at 400 V Rated value at 690 V Rated value at 240 V Rated value at 10 V Rated value at 110 V Rated value at 110 V Rated value at 110 V Rated value at 24 V Rated value at 24 V Rated value at 110 V Rated value at 24 V Rated value at 110 V Rated value at 24 V Rated value	— at 400 V at ambient temperature 40 °C	Α	330
Rated value — up to 690 V at ambient temperature 60 °C Rated value • at AC-3 — at 400 V Rated value — at 690 V Rated value A 280 • at AC-4 at 400 V Rated value A 280 Operating current with 1 current path • at DC-3 — at 24 V Rated value — at 110 V Rated value — at 110 V Rated value A 300 — at 110 V Rated value A 300 — at 110 V Rated value A 300 Operating current with 2 current paths in series • at DC-1 — at 24 V Rated value A 300 Operating current with 2 current paths in series • at DC-1 — at 24 V Rated value A 300 Operating current with 3 current paths in series • at DC-1 — at 24 V Rated value A 300 Operating current with 3 current paths in series • at DC-1 — at 24 V Rated value A 300 Operating current with 3 current paths in series • at DC-1 — at 24 V Rated value A 300 Operating current with 3 current paths in series • at DC-1 — at 24 V Rated value A 300 Operating current with 3 current paths in series • at DC-1 — at 24 V Rated value A 300 Operating power • at AC-1 at 400 V Rated value W 160 000 Operating power • at AC-1 — at 230 V at 60 °C Rated value	Rated value		
Rated value		Α	330
- at 400 ∨ Rated value - at 690 ∨ Rated value		Α	300
- at 690 ∨ Rated value • at AC-4 at 400 ∨ Rated value • at AC-4 at 400 ∨ Rated value A 280 Operating current with 1 current path • at DC-1 - at 24 ∨ Rated value - at 110 ∨ Rated value - at 24 ∨ Rated value - at 110 ∨ Rated value - at 24 ∨ Rated value - at 24 ∨ Rated value - at 24 ∨ Rated value - at 110 ∨ Rated value - at 24 ∨ Rated value - at 300 Operating current with 3 current paths in series • at DC-1 - at 24 ∨ Rated value - at 24 ∨ Rated value - at 300 • at C-3 at DC-5 - at 110 ∨ Rated value - at 24 ∨ Rated value	• at AC-3		
• at AC-4 at 400 V Rated value A 280 Operating current with 1 current path • at DC-1 — at 24 V Rated value A 300 — at 110 V Rated value A 300 — at 110 V Rated value A 300 — at 24 V Rated value A 300 — at 110 V Rated value A 300 Operating current with 2 current paths in series • at DC-1 — at 24 V Rated value A 300 — at 110 V Rated value A 300 • at DC-3 at DC-5 — at 110 V Rated value A 300 • at DC-3 at DC-5 — at 110 V Rated value A 300 Operating current with 3 current paths in series • at DC-1 — at 24 V Rated value A 300 Operating current with 3 current paths in series • at DC-1 — at 24 V Rated value A 300 Operating current with 3 current paths in series • at DC-1 — at 24 V Rated value A 300 Operating current with 3 current paths in series • at DC-1 — at 24 V Rated value A 300 • at AC-1 — at 400 V Rated value A 300 Operating power • at AC-1 at 400 V Rated value W 197 • at AC-2 at 400 V Rated value W 171 • at AC-4 at 400 V Rated value W 160 000 Operating power • at AC-1 — at 230 V at 60 °C Rated value KW 113	— at 400 V Rated value	Α	300
Operating current with 1 current path • at DC-1 — at 24 V Rated value — at 110 V Rated value — at 210 V Rated value — at 24 V Rated value — at 24 V Rated value — at 24 V Rated value — at 110 V Rated value — at 110 V Rated value — at 110 V Rated value — at 24 V Rated value — at 24 V Rated value — at 110 V Rated value — at 110 V Rated value — at 24 V Rated value	— at 690 V Rated value	Α	280
• at DC-1 — at 24 V Rated value — at 110 V Rated value A 33 • at DC-3 at DC-5 — at 24 V Rated value A 300 — at 110 V Rated value A 300 — at 110 V Rated value A 300 Operating current with 2 current paths in series • at DC-1 — at 24 V Rated value A 300 • at DC-3 at DC-5 — at 110 V Rated value A 300 • at DC-3 at DC-5 — at 110 V Rated value A 300 Operating current with 3 current paths in series • at DC-1 — at 24 V Rated value A 300 Operating current with 3 current paths in series • at DC-1 — at 24 V Rated value A 300 Operating current with 3 current paths in series • at DC-3 at DC-5 — at 110 V Rated value A 300 • at DC-3 at DC-5 — at 110 V Rated value A 300 • at AC-1 at 400 V Rated value • at AC-2 at 400 V Rated value • at AC-4 at 400 V Rated value • at AC-1 — at 230 V at 60 °C Rated value RW 113	• at AC-4 at 400 V Rated value	Α	280
- at 24 V Rated value - at 110 V Rated value - at 110 V Rated value - at 24 V Rated value - at 24 V Rated value - at 110 V Rated value - at 110 V Rated value - at 110 V Rated value - at 24 V Rated value - at 24 V Rated value - at 110 V Rated value - at 24 V Rated value - at 100-1 - at 24 V Rated value - at 110 V Rated value - at 24 V Rated value - at 110 V Rated value - at 24 V Rated value - at 24 V Rated value - at 110 V Rated value - at 24 V Rated value - at 110 V Rated value - at 24 V Rated value - at 110 V Rated value - at 24 V Rated value - at 110 V Rated value - at 110 V Rated value - at 110 V Rated value - at 24 V Rated value - at 24 V Rated value - at 25 V Rated value - at 2	Operating current with 1 current path	_	
- at 110 V Rated value	• at DC-1		
• at DC-3 at DC-5 — at 24 V Rated value A 300 Operating current with 2 current paths in series • at DC-1 — at 24 V Rated value A 300 • at DC-3 at DC-5 — at 110 V Rated value A 300 • at DC-3 at DC-5 — at 110 V Rated value A 300 Operating current with 3 current paths in series • at DC-1 — at 24 V Rated value A 300 Operating current with 3 current paths in series • at DC-1 — at 24 V Rated value A 300 Operating current with 3 current paths in series • at DC-1 — at 24 V Rated value A 300 • at DC-3 at DC-5 — at 110 V Rated value A 300 • at DC-3 at DC-5 — at 110 V Rated value A 300 Operating power • at AC-1 at 400 V Rated value A 300 Operating power • at AC-4 at 400 V Rated value W 160 000 Operating power • at AC-1 — at 230 V at 60 °C Rated value kW 113	— at 24 V Rated value	Α	300
	— at 110 V Rated value	Α	33
— at 110 V Rated value A 3 Operating current with 2 current paths in series ■ at DC-1 — at 24 V Rated value A 300 — at 110 V Rated value A 300 ■ at DC-3 at DC-5 — at 110 V Rated value A 300 Operating current with 3 current paths in series ■ at DC-1 — at 24 V Rated value A 300 Operating current with 3 current paths in series ■ at DC-1 — at 24 V Rated value A 300 ■ at DC-3 at DC-5 — at 110 V Rated value A 300 ■ at DC-3 at DC-5 — at 110 V Rated value A 300 ■ at DC-3 at DC-5 — at 110 V Rated value A 300 ■ at DC-3 at DC-5 — at 110 V Rated value A 300 ■ at DC-3 at DC-5 — at 110 V Rated value A 300 Operating power ■ at AC-1 at 400 V Rated value W 197 ■ at AC-2 at 400 V Rated value W 171 ■ at AC-4 at 400 V Rated value W 160 000 Operating power ■ at AC-1 — at 230 V at 60 °C Rated value KW 113	• at DC-3 at DC-5		
Operating current with 2 current paths in series ● at DC-1 — at 24 V Rated value A 300 — at 110 V Rated value A 300 • at DC-3 at DC-5 A 300 — at 24 V Rated value A 300 Operating current with 3 current paths in series • at DC-1 — at 24 V Rated value A 300 — at 110 V Rated value A 300 • at DC-3 at DC-5 — at 110 V Rated value — at 24 V Rated value A 300 Operating power • at AC-1 at 400 V Rated value kW 197 • at AC-2 at 400 V Rated value kW 171 • at AC-4 at 400 V Rated value W 160 000 Operating power • at AC-1 • at AC-1 — at 230 V at 60 °C Rated value	— at 24 V Rated value	Α	300
■ at DC-1 — at 24 V Rated value — at 110 V Rated value ■ at DC-3 at DC-5 — at 110 V Rated value A 300 ● at DC-3 at DC-5 — at 24 V Rated value A 300 Operating current with 3 current paths in series ■ at DC-1 — at 24 V Rated value A 300 Operating current with 3 current paths in series ■ at DC-1 — at 24 V Rated value A 300 — at 110 V Rated value A 300 ● at DC-3 at DC-5 — at 110 V Rated value A 300 ● at AC-1 at 400 V Rated value A 300 Operating power ● at AC-2 at 400 V Rated value A 4 300 Operating power ● at AC-4 at 400 V Rated value W 197 ● at AC-4 at 400 V Rated value W 160 000 Operating power ● at AC-1 — at 230 V at 60 °C Rated value KW 113	— at 110 V Rated value	Α	3
at 24 V Rated value at 110 V Rated value at 10 V Rated value at 10 V Rated value at 110 V Rated value at 24 V Rated value at 10 V Rated value at 24 V Rated value at 25 V Rated value at 26 V Rated value at 27 V Rated value at 28 V Rated value at 27 V Rated value at 28 V Rated va	Operating current with 2 current paths in series		
— at 110 V Rated value • at DC-3 at DC-5 — at 110 V Rated value A 300 Operating current with 3 current paths in series • at DC-1 — at 24 V Rated value A 300 Operating current with 3 current paths in series • at DC-1 — at 24 V Rated value A 300 • at DC-3 at DC-5 — at 110 V Rated value A 300 • at DC-3 at DC-5 — at 110 V Rated value A 300 Operating power • at AC-1 at 400 V Rated value kW 197 • at AC-2 at 400 V Rated value kW 171 • at AC-4 at 400 V Rated value W 160 000 Operating power • at AC-1 — at 230 V at 60 °C Rated value kW 113	• at DC-1		
at DC-3 at DC-5 — at 110 V Rated value — at 24 V Rated value A 300 Operating current with 3 current paths in series at DC-1 — at 24 V Rated value A 300 — at 110 V Rated value A 300 — at 110 V Rated value A 300 — at 110 V Rated value A 300 — at 24 V Rated value A 300 Operating power at AC-1 at 400 V Rated value at AC-2 at 400 V Rated value A 400 V Rated value	— at 24 V Rated value	Α	300
at 110 V Rated value A 300 at 24 V Rated value A 300 Operating current with 3 current paths in series ■ at DC-1 —- at 24 V Rated value A 300 —- at 110 V Rated value A 300 ■ at DC-3 at DC-5 —- at 110 V Rated value A 300 —- at 24 V Rated value A 300 Operating power ■ at AC-1 at 400 V Rated value kW 197 ■ at AC-4 at 400 V Rated value W 171 ■ at AC-4 at 400 V Rated value W 160 000 Operating power ■ at AC-1 —- at 230 V at 60 °C Rated value kW 113	— at 110 V Rated value	Α	300
— at 24 V Rated value A 300 Operating current with 3 current paths in series	• at DC-3 at DC-5		
Operating current with 3 current paths in series • at DC-1 — at 24 V Rated value A — at 110 V Rated value A • at DC-3 at DC-5 — at 110 V Rated value A — at 24 V Rated value A Operating power • at AC-1 at 400 V Rated value kW • at AC-2 at 400 V Rated value kW • at AC-4 at 400 V Rated value W • at AC-1 at 400 V Rated value W • at AC-1 at 400 V Rated value W	— at 110 V Rated value	Α	300
 at DC-1 — at 24 V Rated value — at 110 V Rated value at DC-3 at DC-5 at 110 V Rated value at 24 V Rated value at 24 V Rated value Operating power at AC-1 at 400 V Rated value at AC-2 at 400 V Rated value at AC-4 at 400 V Rated value at AC-4 at 400 V Rated value at AC-3 at 400 V Rated value Operating power at AC-1 at AC-1 at AC-3 at AC-4 at AC-1 at AC-1 at AC-1 	— at 24 V Rated value	Α	300
- at 24 V Rated value A 300 - at 110 V Rated value A 300 ● at DC-3 at DC-5 - at 110 V Rated value A 300 A 300 A 300 A 300 Operating power ● at AC-1 at 400 V Rated value BW 197 ● at AC-2 at 400 V Rated value BW 171 ● at AC-4 at 400 V Rated value BW 160 000 Operating power ● at AC-1 - at 230 V at 60 °C Rated value BW 113	Operating current with 3 current paths in series		
 — at 110 V Rated value ● at DC-3 at DC-5 — at 110 V Rated value — at 24 V Rated value A 300 Operating power ● at AC-1 at 400 V Rated value ★W 197 ● at AC-2 at 400 V Rated value ★W 171 ● at AC-4 at 400 V Rated value W 160 000 Operating power ● at AC-1 — at 230 V at 60 °C Rated value ★W 113 	• at DC-1		
 at DC-3 at DC-5 at 110 V Rated value at 24 V Rated value Operating power at AC-1 at 400 V Rated value at AC-2 at 400 V Rated value at AC-4 at 400 V Rated value at AC-4 at 400 V Rated value at AC-1 at 400 V Rated value Operating power at AC-1 at AC-1 at 230 V at 60 °C Rated value kW 113 	— at 24 V Rated value	Α	300
— at 110 V Rated value A 300 — at 24 V Rated value A 300 Operating power • at AC-1 at 400 V Rated value kW 197 • at AC-2 at 400 V Rated value kW 171 • at AC-4 at 400 V Rated value W 160 000 Operating power • at AC-1 — at 230 V at 60 °C Rated value kW 113	— at 110 V Rated value	Α	300
— at 24 V Rated value A 300 Operating power ● at AC-1 at 400 V Rated value kW 197 ● at AC-2 at 400 V Rated value kW 171 ● at AC-4 at 400 V Rated value W 160 000 Operating power ● at AC-1 — at 230 V at 60 °C Rated value kW 113	• at DC-3 at DC-5		
Operating power • at AC-1 at 400 V Rated value	— at 110 V Rated value	Α	300
 at AC-1 at 400 V Rated value at AC-2 at 400 V Rated value at AC-4 at 400 V Rated value at AC-4 at 400 V Rated value at AC-1 at AC-1 at 230 V at 60 °C Rated value kW 197 171 160 000 160 000 113 	— at 24 V Rated value	Α	300
• at AC-2 at 400 V Rated value	Operating power		
at AC-4 at 400 V Rated value Operating power at AC-1 — at 230 V at 60 °C Rated value W 160 000 W 160 000	• at AC-1 at 400 V Rated value	kW	197
Operating power • at AC-1 — at 230 V at 60 °C Rated value kW 113	• at AC-2 at 400 V Rated value	kW	171
• at AC-1 — at 230 V at 60 °C Rated value kW 113	• at AC-4 at 400 V Rated value	W	160 000
— at 230 V at 60 °C Rated value kW 113	Operating power		
	● at AC-1		
— at 690 V at 60 °C Rated value kW 340	— at 230 V at 60 °C Rated value	kW	113
— at 650 v at 60 C Trated value	— at 690 V at 60 °C Rated value	kW	340
— at 690 V Rated value kW 340	— at 690 V Rated value	kW	340
• at AC-3	• at AC-3		

— at 230 V Rated value	kW	97
— at 400 V Rated value	kW	171
— at 500 V Rated value	kW	215
— at 690 V Rated value	kW	280
Operating power for ≥ 200000 operating cycles at AC-4		
• at 400 V Rated value	kW	71
• at 690 V Rated value	kW	112
Operating frequency		
• at AC-3 maximum	1/h	500

Type of voltage of the control supply voltage Control supply voltage with AC at 50 Hz Rated value V 240 277 at 60 Hz Rated value V 240 277 Control supply voltage for DC Rated value V 240 277 Control supply voltage for DC Rated value Hz 40 Control supply voltage frequency 2 Rated value Control supply voltage frequency 2 Rated value Operating range factor control supply voltage rated value of the magnet coil with AC at 50 Hz at 60 Hz Operating range factor control supply voltage rated value of the magnet coil with AC at 60 Hz Operating range factor control supply voltage rated 0.8 1.1 Operating range factor control supply voltage rated 0.8 1.1	
 at 50 Hz Rated value at 60 Hz Rated value V 240 277 Control supply voltage for DC Rated value Rated value Hz 40 Control supply voltage frequency 2 Rated value Hz 60 Operating range factor control supply voltage rated value of the magnet coil with AC at 50 Hz at 60 Hz 0.8 1.1 0.8 1.1 	
 at 60 Hz Rated value Control supply voltage for DC Rated value Rated value Rated value Hz 40 Control supply voltage frequency 2 Rated value Hz 60 Operating range factor control supply voltage rated value of the magnet coil with AC at 50 Hz at 60 Hz 0.8 1.1 0.8 1.1 	
Control supply voltage for DC • Rated value • Rated value • Rated value Control supply voltage frequency 2 Rated value Hz 60 Operating range factor control supply voltage rated value of the magnet coil with AC • at 50 Hz • at 60 Hz • at 60 Hz	
 Rated value Rated value Rated value Hz 40 Control supply voltage frequency 2 Rated value Hz 60 Operating range factor control supply voltage rated value of the magnet coil with AC at 50 Hz at 60 Hz 0.8 1.1 0.8 1.1 	
 Rated value Control supply voltage frequency 2 Rated value Hz 60 Operating range factor control supply voltage rated value of the magnet coil with AC at 50 Hz at 60 Hz 0.8 1.1 0.8 1.1 	
Control supply voltage frequency 2 Rated value Operating range factor control supply voltage rated value of the magnet coil with AC • at 50 Hz • at 60 Hz 0.8 1.1	
Operating range factor control supply voltage rated value of the magnet coil with AC • at 50 Hz • at 60 Hz 0.8 1.1 0.8 1.1	
value of the magnet coil with AC ● at 50 Hz 0.8 1.1 ● at 60 Hz 0.8 1.1	
• at 50 Hz • at 60 Hz 0.8 1.1 0.8 1.1	
• at 60 Hz 0.8 1.1	
G. 66 F.E	
Operating range factor control supply voltage rated 0.8 1.1	
Operating range radio control supply voltage ration	
value of the magnet coil for DC	
Design of the surge suppressor with varistor	
Apparent pick-up power of the magnet coil with AC V·A 590	
Apparent holding power of the magnet coil with AC V·A 6.7	
Closing power of the magnet coil for DC W 650	
Holding power of the magnet coil for DC W 7.4	
Inductive power factor	
• with closing power of the coil 0.9	
• with the holding power of the coil 0.9	

Auxiliary circuit:		
Number of NC contacts		
 for auxiliary contacts 		
— instantaneous contact		2
Number of NO contacts		
 for auxiliary contacts 		
— instantaneous contact		2
Operating current at AC-15		
• at 230 V Rated value	Α	6

● at 400 V Rated value	Α	3
Operating current		
• at DC-12 at 220 V Rated value	Α	1
• at DC-13 at 220 V Rated value	Α	0.3
Operating current		
• at DC-12		
— at 60 V Rated value	Α	6
— at 110 V Rated value	Α	3
● at DC-13		
— at 24 V Rated value	Α	10
— at 60 V Rated value	Α	2
— at 110 V Rated value	Α	1
UL/CSA ratings:		
Contact rating of the auxiliary contacts acc. to UL		A600 / Q600
Short-circuit:		
Design of the fuse link		
 for short-circuit protection of the main circuit 		
 — with type of assignment 1 required 		fuse gL/gG: 500 A
		fuse gL/gG: 400 A
 — with type of assignment 2 required 		
— with type of assignment 2 requiredfor short-circuit protection of the auxiliary switch		fuse gL/gG: 10 A
		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 auxiliary switch		fuse gL/gG: 10 A screw fixing
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions:	_	
• for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions: Mounting type	mm	screw fixing
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions: Mounting type Side-by-side mounting	mm mm	screw fixing Yes
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions: Mounting type Side-by-side mounting Height		screw fixing Yes 210
 for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions: Mounting type Side-by-side mounting Height Width 	mm	screw fixing Yes 210 145
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions: Mounting type Side-by-side mounting Height Width Depth	mm	screw fixing Yes 210 145
 for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions: Mounting type Side-by-side mounting Height Width Depth Required spacing 	mm	screw fixing Yes 210 145
 for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions: Mounting type Side-by-side mounting Height Width Depth Required spacing for grounded parts 	mm mm	screw fixing Yes 210 145 202
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions: Mounting type Side-by-side mounting Height Width Depth Required spacing for grounded parts — at the side	mm mm	screw fixing Yes 210 145 202
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions: Mounting type	mm mm	screw fixing Yes 210 145 202
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions: Mounting type Side-by-side mounting Height Width Depth Required spacing for grounded parts — at the side Connections/ Terminals: Type of electrical connection	mm mm	screw fixing Yes 210 145 202
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions: Mounting type	mm mm	screw fixing Yes 210 145 202 10 Cage Clamp terminals
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions: Mounting type Side-by-side mounting Height Width Depth Required spacing for grounded parts — at the side Connections/ Terminals: Type of electrical connection for main current circuit for auxiliary and control current circuit	mm mm	screw fixing Yes 210 145 202 10 Cage Clamp terminals
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions: Mounting type Side-by-side mounting Height Width Depth Required spacing	mm mm	screw fixing Yes 210 145 202 10 Cage Clamp terminals Cage Clamp terminals
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions: Mounting type Side-by-side mounting Height Width Depth Required spacing for grounded parts — at the side Connections/ Terminals: Type of electrical connection for main current circuit for auxiliary and control current circuit Type of connectable conductor cross-section for AWG conductors for main contacts	mm mm	screw fixing Yes 210 145 202 10 Cage Clamp terminals Cage Clamp terminals
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions: Mounting type Side-by-side mounting Height Width Depth Required spacing for grounded parts — at the side Connections/ Terminals: Type of electrical connection for main current circuit for auxiliary and control current circuit Type of connectable conductor cross-section for AWG conductors for main contacts for auxiliary contacts	mm mm	screw fixing Yes 210 145 202 10 Cage Clamp terminals Cage Clamp terminals 2/0 500 kcmil
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions: Mounting type Side-by-side mounting Height Width Depth Required spacing	mm mm	screw fixing Yes 210 145 202 10 Cage Clamp terminals Cage Clamp terminals 2/0 500 kcmil 2x (0.25 2.5 mm²)

2x (24 ... 14) • for AWG conductors for auxiliary contacts

Mechanical data: Size of contactor S10

Ambient conditions: Installation altitude at height above sea level 2 000 m maximum Ambient temperature °C -25 ... +60 during operation °C -55 ... +80 during storage

Certificates/ approvals:

Functional General Product Approval Declaration of Conformity Safety/Safety of Machinery









Type Examination



Test	Shipping Approval	other
Certificates		

Special Test Certificate







GL



Confirmation

other

other

Environmental Confirmations

Further information

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

http://www.siemens.com/industrial-controls/catalogs

Industry Mall (Online ordering system)

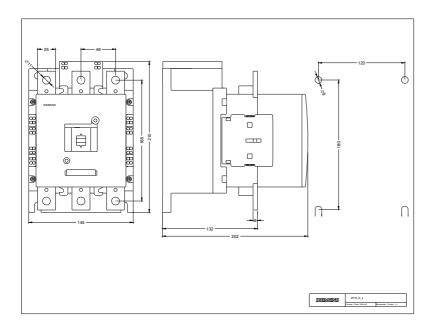
http://www.siemens.com/industrymall

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT10662AU36

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) http://support.automation.siemens.com/WW/view/en/3RT10662AU36/all

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT10662AU36&lang=en





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