SIEMENS

Data sheet 3RT1065-6AP36



CONTACTOR, 132KW/400V/AC-3 AC(40...60HZ)/DC OPERATION UC 220-240V AUXILIARY CONTACTS 2NO+2NC 3-POLE, SIZE S10 BAR CONNECTIONS CONVENT. OPERATING MECHANISM SCREW TERMINAL

Figure similar

product brand name	SIRIUS
Product designation	power contactor

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

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 AC-1		
— at 400 V at ambient temperature 40 °C	Α	330
Rated value		
— up to 690 V at ambient temperature 40 °C	Α	330
Rated value		
— up to 690 V at ambient temperature 60 $^{\circ}\text{C}$	Α	300
Rated value		
• at AC-3		
— at 400 V Rated value	Α	265
— at 690 V Rated value	Α	265
● at AC-4 at 400 V Rated value	Α	230
Operating current with 1 current path		
• at DC-1		
— at 24 V Rated value	Α	300
— at 110 V Rated value	Α	33
• at DC-3 at DC-5		
— at 24 V Rated value	Α	300
— at 110 V Rated value	Α	3
Operating current with 2 current paths in series		
• at DC-1		
— at 24 V Rated value	Α	300
— at 110 V Rated value	Α	300
• at DC-3 at DC-5		
— at 110 V Rated value	Α	300
— at 24 V Rated value	Α	300
Operating current with 3 current paths in series		
• at DC-1		
— at 24 V Rated value	Α	300
— at 110 V Rated value	Α	300
• at DC-3 at DC-5		
— at 110 V Rated value	Α	300
— at 24 V Rated value	Α	300
Operating power		
• at AC-1 at 400 V Rated value	kW	197
• at AC-2 at 400 V Rated value	kW	151
• at AC-4 at 400 V Rated value	W	132 000
Operating power		
● at AC-1		
— at 230 V at 60 °C Rated value	kW	113
— at 690 V at 60 °C Rated value	kW	340
— at 690 V Rated value	kW	340
● at AC-3		

— at 230 V Rated value	kW	85
— at 400 V Rated value	kW	151
— at 500 V Rated value	kW	189
— at 690 V Rated value	kW	265
Operating power for ≥ 200000 operating cycles at		
AC-4		
● at 400 V Rated value	kW	66
• at 690 V Rated value	kW	102
Operating frequency		
• at AC-3 maximum	1/h	700

Control circuit/ Control:		
Type of voltage of the control supply voltage		AC/DC
Control supply voltage with AC		
● at 50 Hz Rated value	V	220 240
● at 60 Hz Rated value	V	220 240
Control supply voltage for DC		
Rated value	V	220 240
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		0.8 1.1
● at 60 Hz		0.8 1.1
Operating range factor control supply voltage rated		0.8 1.1
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

Operating current • at DC-12 at 220 V Rated value • at DC-13 at 220 V Rated value A 0.3 Operating current • at DC-12 — at 60 V Rated value — at 110 V Rated value — at 110 V Rated value — at 110 V Rated value — at 24 V Rated value — at 10 V Rated value A 1 ULCSA ratings: Contact rating of the auxiliary contacts acc. to UL Short-circuit: Design of the fuse link • for short-circuit protection of the main circuit — with type of assignment 1 required — with type of assignment 2 required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • Side-by-side mounting dimensions: Mounting type • Side-by-side mounting • Screw fixing Yes Height mm 210 Width mm 145 Depth mm 202 Required spacing • for grounded parts — at the side mm 10 Connections/ Terminals: Type of dectrical connection • for main current circuit • for auxiliary and control current circuit • for auxiliary contacts • for auxiliary contacts • for auxiliary contacts • for auxiliary contacts • for AWG conductors for main contacts • for AWG conductors for auxiliary contacts	• at 400 V Rated value	Α	3
o at DC-13 at 220 V Rated value operating current o at DC-12 — at 60 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 10 V Rated value A 1 UL/CSA ratings: Contact rating of the auxiliary contacts acc. to UL Short-circuit: Design of the fuse link • for short-circuit protection of the main circuit — with type of assignment 1 required — with type of assignment 2 required • for short-circuit protection of the auxiliary switch required • for oshort-circuit protection of the auxiliary switch required • for gounding type • Side-by-side mounting • Side-by-side mounting • Side-by-side mounting • for grounded parts — at the side mm 20 Required spacing • for grounded parts — at the side mm 10 Connections/ Terminals: Type of electrical connection • for main current circuit • for auxiliary and control current circuit Type of connectable conductor gross-section • for AWG conductors for main contacts • for auxiliary contacts — solid — finely stranded with core end processing 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 2.5 mm²), max. 2x (0.75 2.5 mm²), ax (0.75 2.5 mm²)	Operating current	-	
Operating current • at DC-12 — at 60 V Rated value — at 110 V Rated value A 10 — at 24 V Rated value A 2 — at 110 V Rated value A 2 — at 110 V Rated value A 10 — at 26 V Rated value A 1 — at 20 V Rated value A 1 ULCSA ratings: Contact rating of the auxiliary contacts acc. to UL Short-circuit: Design of the fuse link • for short-circuit protection of the main circuit — with type of assignment 1 required — with type of assignment 2 required — with type of assignment 2 required fuse gL/gG: 500 A fuse gL/gG: 400 A fuse gL/gG: 10 A Installation/ mounting/ dimensions: Mounting type • Side-by-side mounting Height mm 210 Width mm 145 Depth Required spacing • for grounded parts — at the side mm 10 Connections/ Terminals: Type of electrical connection • for auxiliary and control current circuit Type of connectable conductor cross-section • for AWG conductors for main contacts • for auxiliary contacts — solid — finely stranded with core end processing A 6 A 10 A 2 A 10 A 2 A 1 Installation/ Mounting Fuse gL/gG: 500 A fuse gL/gG: 500 A fuse gL/gG: 400 A fuse gL/gG: 10 A Fuse gL/gG: 10 A Fuse gL/gG: 10 A Fuse gL/gG: 400 A fuse gL/gG: 400 A fuse gL/gG: 400 A fuse gL/gG: 400 A fuse gL/gG: 500 A fuse gL/gG: 400 A fuse gL/gG: 500 A fuse gL/gG:	• at DC-12 at 220 V Rated value	Α	1
at DC-12 — at 60 V Rated value — at 110 V Rated value — at 110 V Rated value — at 24 V Rated value — at 60 V Rated value — at 60 V Rated value — at 60 V Rated value — at 110 V Rated value — A 1 ILL/CSA ratings: Contact rating of the auxiliary contacts acc. to UL Short-circuit: Design of the fuse link • for short-circuit protection of the main circuit — with type of assignment 1 required — with type of assignment 2 required — with type of assignment 2 required — with type of assignment 2 required — with type of assignment 3 required — with type of assignment 2 required — son A 600 / O A 600 Da 600 / O A 600 Da 600 / O A 600	• at DC-13 at 220 V Rated value	Α	0.3
at 60 V Rated value	Operating current		
- at 110 V Rated value • at DC-13 - at 24 V Rated value - at 60 V Rated value - at 60 V Rated value - at 110 V Rated value - A 2 - A 10 - A 2 - A 500 / Q600 - Short-circuit protection of the main circuit - With type of assignment 1 required - With type of assignment 2 required - Wind the gul/gG: 500 A - Fuse gL/gG: 500 A - Fuse gL/gG: 400 A	• at DC-12		
at 24 V Rated value at 60 V Rated value at 60 V Rated value at 110 V Rated value at 110 V Rated value A 2 at 110 V Rated value A 1 ILICSA ratings: Contact rating of the auxillary contacts acc. to UL Short-circuit. Design of the fuse link for short-circuit protection of the main circuit with type of assignment 1 required with type of assignment 2 required fuse gL/gG: 500 A fuse gL/gG: 400 A fuse gL/gG: 400 A fuse gL/gG: 40 A fuse gL/gG: 4	— at 60 V Rated value	Α	6
- at 24 V Rated value - at 60 V Rated value - at 110 V Rated value A 1 UL/CSA ratings: Contact rating of the auxiliary contacts acc. to UL Short-circuit: Design of the fuse link • for short-circuit protection of the main circuit - with type of assignment 1 required - with type of assignment 2 required • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions: Mounting type • Side-by-side mounting Width	— at 110 V Rated value	Α	3
— at 60 V Rated value — at 110 V Rated value A 1 UL/CSA ratings: Contact rating of the auxillary contacts acc. to UL Short-circuit: Design of the fuse link • for short-circuit protection of the main circuit — with type of assignment 1 required — with type of assignment 2 required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch fuse gL/gG: 500 A mit type of assignment 2 required fuse gL/gG: 400 A fuse gL/gG: 10 A fuse gL/gG: 10 A fuse gL/gG: 10 A fuse gL/gG: 10 A fuse gL/gG: 10 A fuse gL/gG: 10 A fuse gL/gG: 10 A fuse gL/gG: 10 A fuse gL/gG: 10 A fuse gL/gG: 10 A fuse gL/gG: 10 A fuse gL/gG: 10 A fuse gL/gG: 10 A fuse gL/gG: 10 A fuse gL/gG: 400 A fuse gL/gG	• at DC-13		
— at 110 V Rated value DUL/CSA ratings: Contact rating of the auxiliary contacts acc. to UL Short-circuit: Design of the fuse link • for short-circuit protection of the main circuit — with type of assignment 1 required — with type of assignment 2 required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions: Mounting type • Side-by-side mounting Height mm 210 Width Depth mm 202 Required spacing • for grounded parts — at the side mm 10 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 — solid — finely stranded with core end processing 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 2.5 mm²), max. 2x (0.75 2.5 mm²)	— at 24 V Rated value	Α	10
UL/CSA ratings: Contact rating of the auxiliary contacts acc. to UL Short-circuit: Design of the fuse link • for short-circuit protection of the main circuit — with type of assignment 1 required — with type of assignment 2 required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions: Mounting type • Side-by-side mounting Height mm 210 Width Depth mm 202 Required spacing • for grounded parts — at the side mm 10 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 — solid — finely stranded with core end processing A600 / Q600 fuse gL/gG: 500 A fuse gL/gG: 400 A fuse gL/gG: 10 A ruse gL/gG: 400 A fuse gL/gG: 500 A fuse gL/gG: 400 A fuse gL/gG: 400 A fuse gL/gG: 500 A fuse gL/gG: 400 A	— at 60 V Rated value	Α	2
Contact rating of the auxiliary contacts acc. to UL Short-circuit: Design of the fuse link • for short-circuit protection of the main circuit — with type of assignment 1 required • with type of assignment 2 required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • Side-by-side mounting/ dimensions: Mounting type • Side-by-side mounting Height mm 210 Width mm 145 Depth mm 202 Required spacing • for grounded parts — at the side mm 10 Connections/ Terminals: Type of electrical connection • for auxiliary and control current circuit Type of connectable conductor cross-section • for AWG conductors for main contacts • for auxiliary contacts — solid — finely stranded with core end processing A 600 / Q600 fuse gL/gG: 500 A fuse gL/gG: 500 A fuse gL/gG: 400 A fuse gL/g	— at 110 V Rated value	Α	1
Short-circuit: Design of the fuse link • for short-circuit protection of the main circuit — with type of assignment 1 required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions: Mounting type • Side-by-side mounting Height mm 210 Width Depth mm 202 Required spacing • for grounded parts — at the side mm 10 Connections/ Terminals: Type of electrical connection • for auxiliary and control current circuit • for auxiliary and control current circuit • for AWG conductors for main contacts • for auxiliary contacts — solid — finely stranded with core end processing fuse gL/gG: 500 A fuse gL/gG: 400 A fu	UL/CSA ratings:		
Design of the fuse link • for short-circuit protection of the main circuit — with type of assignment 1 required — with type of assignment 2 required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions: Mounting type • Side-by-side mounting Height mm 210 Width mm 145 Depth mm 202 Required spacing • for grounded parts — at the side mm 10 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 — solid — finely stranded with core end processing fuse gL/gG: 500 A fuse gL/gG: 400 A fuse gL/gG: 500 A fuse gL/gG: 500 A fuse gL/gG: 500 A fuse gL/gG: 400 A fuse gL/	Contact rating of the auxiliary contacts acc. to UL		A600 / Q600
• for short-circuit protection of the main circuit — with type of assignment 1 required — with type of assignment 2 required • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions: Mounting type • Side-by-side mounting Height mm	Short-circuit:		
- with type of assignment 1 required - with type of assignment 2 required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions: Mounting type • Side-by-side mounting Height Width Depth mm 210 Required spacing • for grounded parts - at the side 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 - solid — finely stranded with core end processing fuse gL/gG: 500 A fuse gL/gG: 400 A fuse gL/ge: 400 A fuse gL/gG: 400 A fuse gL/ge: 400 A fuse gL/gG: 400 A fuse gL/ge: 400 A fuse gL/ge: 400 A fuse gL/gG: 400 A fuse gL/ge: 40	Design of the fuse link		
with type of assignment 2 required • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions: Mounting type • Side-by-side mounting Height The peth The peth The side Type of electrical connection • for auxiliary and control current circuit Type of connectable conductor cross-section • for auxiliary contacts — solid — finely stranded with core end processing fuse gL/gG: 400 A fuse gL/gG:	• for short-circuit protection of the main circuit		
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions: Mounting type	 — with type of assignment 1 required 		fuse gL/gG: 500 A
Installation/ mounting/ dimensions: Mounting type Side-by-side mounting Height Width Pepth Pepth Performance and control current circuit For auxiliary and control current circuit Type of connectable conductor cross-section For AWG conductors for main contacts For auxiliary contacts For auxiliary contacts Finely stranded with core end processing Screw fixing Yes Screw fixing Yes 10 Screw-type Screw-type Screw-type terminals Screw-type terminals Screw-type terminals 2/0 500 kcmil 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²) 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)	 — with type of assignment 2 required 		fuse gL/gG: 400 A
Installation/ mounting/ dimensions: Mounting type Side-by-side mounting Height Width mm 145 Depth Required spacing for grounded parts at the side mm 10 Connections/ Terminals: Type of electrical connection for main current circuit for auxiliary and control current circuit screw-type terminals Type of connectable conductor cross-section for AWG conductors for main contacts for auxiliary contacts for auxiliary contacts for auxiliary contacts for auxiliary definition of the formula of the f	• for short-circuit protection of the auxiliary switch		fuse gL/gG: 10 A
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 — solid — finely stranded with core end processing screw fixing Yes and 210 Socrew fixing Yes Screw fixing Yes and 210 Socrew fixing Yes In 145 Socrew fixing Yes In 15 Socrew fixing Yes In 145 Socrew fixing Yes In 15 In 16 In 16 In 17 In 17 In 17 In 17 In 17 In 18 In	required		
Side-by-side mounting Height mm 210 Width mm 145 Depth mm 202 Required spacing • for grounded parts — at the side mm 10 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 — solid — finely stranded with core end processing Yes mm 210 mm 10 Screw-type screw-type terminals screw-type terminals 2/0 500 kcmil 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²) 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)	Installation/ mounting/ dimensions:		
Height Width mm 145 Depth mm 202 Required spacing • for grounded parts — at the side mm 10 Connections/ Terminals: Type of electrical connection • for main current circuit screw-type terminals • for auxiliary and control current circuit screw-type terminals Type of connectable conductor cross-section • for AWG conductors for main contacts • for auxiliary contacts — solid — finely stranded with core end processing mm 210 Screw-type terminals 2/0 500 kcmil 2/0 500 kcmil 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²) 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)	Mounting type		screw fixing
Width mm 145 Depth mm 202 Required spacing • for grounded parts — at the side mm 10 Connections/ Terminals: Type of electrical connection • for main current circuit screw-type terminals • for auxiliary and control current circuit screw-type terminals Type of connectable conductor cross-section • for AWG conductors for main contacts • for auxiliary contacts — solid — finely stranded with core end processing mm 10 202 203 203 204 205 205 205 205 205 205 205	 Side-by-side mounting 		Yes
Depth mm 202 Required spacing • for grounded parts mm 10 Connections/ Terminals: Type of electrical connection • for main current circuit screw-type terminals • for auxiliary and control current circuit screw-type terminals Type of connectable conductor cross-section • for AWG conductors for main contacts 2/0 500 kcmil • for auxiliary contacts 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²) — finely stranded with core end processing 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)	Height	mm	210
Required spacing • for grounded parts — at the side mm 10 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 — solid 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)		mm	
for grounded parts — at the side mm 10 Connections/ Terminals: Type of electrical connection • for main current circuit • for auxiliary and control current circuit Screw-type terminals Type of connectable conductor cross-section • for AWG conductors for main contacts • for auxiliary contacts — solid — solid — finely stranded with core end processing — at the side mm 10 Screw-type terminals 2/0 500 kcmil 2/0 500 kcmil 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²) 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)		mm	202
— at the side mm 10 Connections/ Terminals: Type of electrical connection • for main current circuit screw-type terminals • for auxiliary and control current circuit screw-type terminals Type of connectable conductor cross-section • for AWG conductors for main contacts • for auxiliary contacts — solid 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²) — finely stranded with core end processing	Required spacing		
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 — solid 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) — finely stranded with core end processing			
Type of electrical connection • for main current circuit • for auxiliary and control current circuit Screw-type terminals Type of connectable conductor cross-section • for AWG conductors for main contacts • for auxiliary contacts — solid 2/0 500 kcmil 2/0 500 kcmil 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²) — finely stranded with core end processing 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)	• for grounded parts		
 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 — solid 2/0 500 kcmil 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²) — finely stranded with core end processing 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 	·	mm	10
 for auxiliary and control current circuit Type of connectable conductor cross-section for AWG conductors for main contacts for auxiliary contacts − solid 2/0 500 kcmil 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²) − finely stranded with core end processing 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 	— at the side Connections/ Terminals:	mm	10
Type of connectable conductor cross-section • for AWG conductors for main contacts • for auxiliary contacts — solid 2/0 500 kcmil 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²) — finely stranded with core end processing 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)	— at the side Connections/ Terminals: Type of electrical connection	mm	
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 • for auxiliary contacts — solid 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²) — finely stranded with core end processing 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 	— at the side Connections/ Terminals: Type of electrical connection • for main current circuit • for auxiliary and control current circuit	mm	screw-type terminals
— solid	— 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	mm	screw-type terminals screw-type terminals
(0.75 4 mm²) — finely stranded with core end processing 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)	— 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	screw-type terminals screw-type terminals
	— 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	screw-type terminals screw-type terminals 2/0 500 kcmil
• for AWG conductors for auxiliary contacts 2x (20 16), 2x (18 14), 1x 12	— 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	screw-type terminals screw-type terminals 2/0 500 kcmil 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x
	— 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 — solid	mm	screw-type terminals screw-type terminals 2/0 500 kcmil 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)

Mechanical data:		
Size of contactor		S10
Ambient conditions:		
Installation altitude at height above sea level	m	2 000
maximum		
Ambient temperature		
during operation	°C	-25 + 60
during storage	°C	-55 + 80

Certificates/ approvals:

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









Type Examination



Test Certificates

Special Test Certificate Type Test
Certificates/Test
Report

other



Shipping Approval





GI

Shipping	oth
Approval	



Environmental Confirmations

Confirmation

other

Further information

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

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

Industry Mall (Online ordering system)

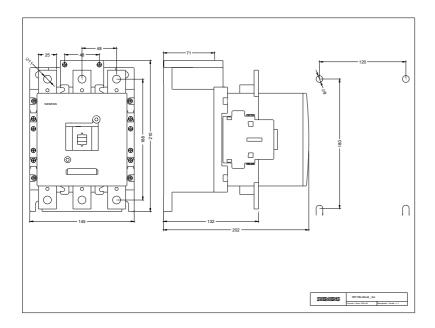
http://www.siemens.com/industrymall

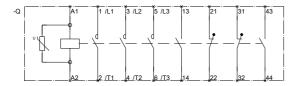
Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT10656AP36

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) http://support.automation.siemens.com/WW/view/en/3RT10656AP36/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=3RT10656AP36&lang=en





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last modified: 11.03.2015