# **SIEMENS**

Data sheet 3RT1065-6AM36



CONTACTOR, 132KW/400V/AC-3 AC(40...60HZ)/DC OPERATION UC 200-220V 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

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
<ul> <li>of the contactor with added electronics- compatible auxiliary switch block typical</li> </ul>		5 000 000
<ul> <li>of the contactor with added auxiliary switch block typical</li> </ul>		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

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	200 220
● at 60 Hz Rated value	V	200 220
Control supply voltage for DC		
Rated value	V	200 220
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		
<ul><li>with closing power of the coil</li></ul>		0.9
<ul> <li>with the holding power of the coil</li> </ul>		0.9

Auxiliary circuit:		
Number of NC contacts		
<ul> <li>for auxiliary contacts</li> </ul>		
— instantaneous contact		2
Number of NO contacts		
<ul> <li>for auxiliary contacts</li> </ul>		
— 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: 400 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: 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  A600 / Q600  A600  A600 / Q600  A600 /	— 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  fuse gL/gG: 500 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	<ul> <li>— with type of assignment 1 required</li> </ul>		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)	<ul> <li>— with type of assignment 2 required</li> </ul>		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 dender the formula formula and the formula formula and 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  Experiments  Screw-type terminals  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)	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  Connections/ Terminals  10  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	<ul> <li>Side-by-side mounting</li> </ul>		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     Connectable conductor cross-section     • for AWG conductors for main contacts     — solid     Connectable conductor cross-section     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	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		
<ul> <li>for main current circuit</li> <li>for auxiliary and control current circuit</li> <li>Type of connectable conductor cross-section</li> <li>for AWG conductors for main contacts</li> <li>for auxiliary contacts</li> <li>— solid</li> <li>2/0 500 kcmil</li> <li>2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)</li> <li>— finely stranded with core end processing</li> <li>2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)</li> </ul>	·	mm	10
<ul> <li>for auxiliary and control current circuit</li> <li>Type of connectable conductor cross-section</li> <li>for AWG conductors for main contacts</li> <li>for auxiliary contacts</li> <li>− solid</li> <li>2/0 500 kcmil</li> <li>2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)</li> <li>− finely stranded with core end processing</li> <li>2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)</li> </ul>	— 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	
<ul> <li>for AWG conductors for main contacts</li> <li>for auxiliary contacts</li> <li>— solid</li> <li>2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)</li> <li>— finely stranded with core end processing</li> <li>2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)</li> </ul>	— at the side  Connections/ Terminals:  Type of electrical connection  • for main current circuit	mm	screw-type terminals
<ul> <li>• for auxiliary contacts</li> <li>— solid</li> <li>2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)</li> <li>— finely stranded with core end processing</li> <li>2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)</li> </ul>	— 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			
<ul><li>during operation</li></ul>	°C	-25 <b>+</b> 60	
during storage	°C	-55 <b>+</b> 80	

### Certificates/ approvals:

General Product Approval

Functional
Safety/Safety
Of Machinery

Declaration of
Conformity









Type Examination



### **Test Certificates**

### **Shipping Approval**

Special Test Certificate Type Test
Certificates/Test
Report











## other

<u>Confirmation</u> <u>other</u> <u>Environmental</u> <u>Confirmations</u>

#### Further information

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

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

Industry Mall (Online ordering system)

http://www.siemens.com/industrymall

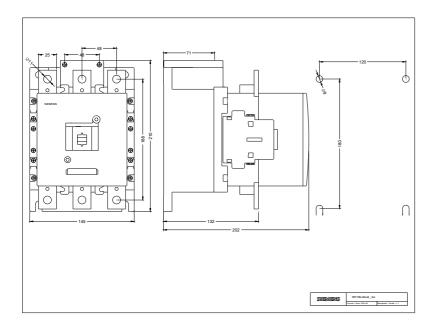
Cax online generator

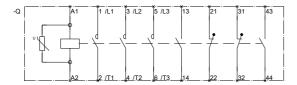
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT10656AM36

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

http://support.automation.siemens.com/WW/view/en/3RT10656AM36/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=3RT10656AM36&lang=en





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