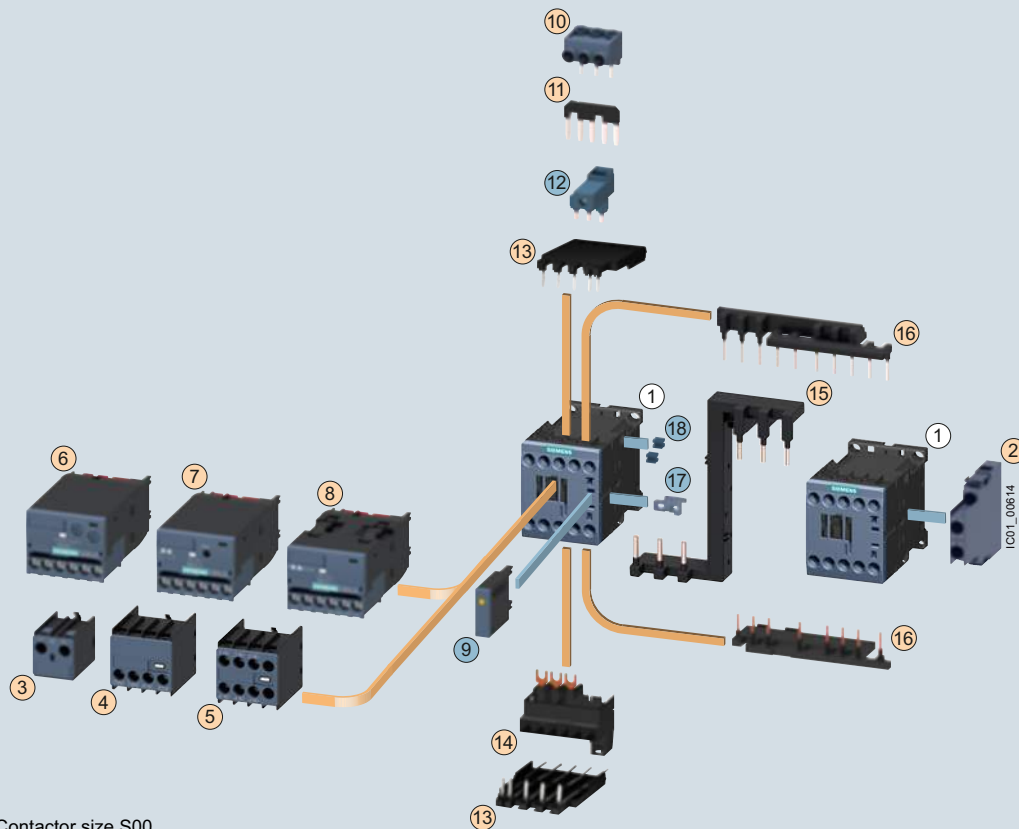


## Overview

**The SIRIUS family of controls**

The SIRIUS modular system with its components for the switching, starting, protection and monitoring of motors and industrial systems stands for the fast, flexible and space-saving construction of control cabinets.

**3RT2 contactors****Size S00 with mountable accessories**

① Contactor size S00

- ② 2-pole auxiliary switch block, laterally mountable
- ③ 1-pole auxiliary switch block, for snapping onto the front cable entry from the top
- ④ 2-pole auxiliary switch block, for snapping onto the front cable entry from the bottom
- ⑤ 4-pole auxiliary switch block, for snapping onto the front
- ⑥ 3RA28 function module
- ⑦ 3RA27 function module for AS-Interface, direct starting
- ⑧ 3RA27 function module for IO-Link, direct starting
- ⑨ Surge suppressor with/without LED
- ⑩ Three-phase feeder terminal

- ⑪ Star jumper, 3-pole, without connecting terminal
- ⑫ Link for paralleling, 3-pole, with connecting terminal
- ⑬ Solder pin adapter
- ⑭ Connection module (adapter and connector) for contactors with screw-type connection
- ⑮ Safety main current connector for two contactors

Assembly kit 3RA2913-2AA1 comprising:

- ⑯ Wiring modules on the top and bottom for connecting the main, auxiliary and control current paths, electrical interlock<sup>1)</sup> included (NC contact interlock), can be broken off (NC contact interlock)
- ⑰ Mechanical interlocks<sup>2)</sup>
- ⑱ Two connecting clips for two contactors<sup>2)</sup>

● For contactors

● For contactors and coupling contactors

<sup>1)</sup> 3RT201. contactors with one NC contact in the basic unit are required for the electrical interlock. An additional NO contact is required for momentary-contact operation.

<sup>2)</sup> The parts ⑰ and ⑱ can only be ordered together as 3RA2912-2H mechanical connectors.

For accessories and spare parts, see pages 3/75 to 3/123.

**DC operation**

PU (UNIT, SET, M) = 1  
 PS\* = 1 unit  
 PG = 41B



3RT201.-1B...



3RT201.-2B...

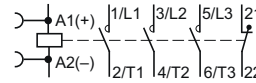
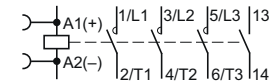
Rated data		Auxiliary contacts	Rated control supply voltage	SD	Terminal type
AC-2 and AC-3, $t_u$ : Up to 60 °C	AC-1, $t_u$ : 40 °C	Ident. No.    Version	$U_s$		<b>Screw terminals</b>
Operational current $I_e$ up to 400 V	Ratings of three-phase motors at 50 Hz and 400 V		V DC	d	<b>Spring-type terminals</b>
A	<b>kW</b>	NO    NC			
	A				

For screw fixing and snap-on mounting onto TH 35 standard mounting rail

**Size S00**

• With auxiliary contact 1 NO, Ident. No. **10**

• With auxiliary contact 1 NC, Ident. No. **01**

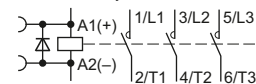
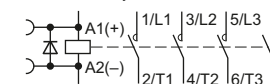


Rated current $I_e$ [A]	Rated power [kW]	Rated voltage [V]	Ident. No.	Version	Control voltage [V DC]	SD	Article No.	Price per PU	Article No.	Price per PU
7	3	18	10	--	24	2	3RT2015-1BB41	5	3RT2015-2BB41	
			01	--	24	5	3RT2015-1BM41	5	3RT2015-2BM41	
9	4	22	10	1	24	5	3RT2016-1BB41	5	3RT2016-2BB41	
			01	--	24	5	3RT2016-1BM41	5	3RT2016-2BM41	
12	5.5	22	10	1	24	5	3RT2017-1BB41	5	3RT2017-2BB41	
			01	--	24	5	3RT2017-1BM41	5	3RT2017-2BM41	
16	7.5	22	10	1	24	5	3RT2018-1BB41	5	3RT2018-2BB41	
			01	--	24	5	3RT2018-1BM41	5	3RT2018-2BM41	

**With integrated coil circuit (diode)<sup>1)</sup>**

• With auxiliary contact 1 NO, Ident. No. **10**

• With auxiliary contact 1 NC, Ident. No. **01**



Rated current $I_e$ [A]	Rated power [kW]	Rated voltage [V]	Ident. No.	Version	Control voltage [V DC]	SD	Article No.	Price per PU	Article No.	Price per PU
7	3	18	10	--	24		3RT2015-1FB41		3RT2015-2FB41	
			01	--	24		3RT2015-1FB42		3RT2015-2FB42	
9	4	22	10	1	24		3RT2016-1FB41		3RT2016-2FB41	
			01	--	24		3RT2016-1FB42		3RT2016-2FB42	
12	5.5	22	10	1	24		3RT2017-1FB41		3RT2017-2FB41	
			01	--	24		3RT2017-1FB42		3RT2017-2FB42	
16	7.5	22	10	1	24		3RT2018-1FB41		3RT2018-2FB41	
			01	--	24		3RT2018-1FB42		3RT2018-2FB42	

<sup>1)</sup> When using contactors with IE3/IE4 motors, use contactors fitted with varistors instead of diodes. For more information about dimensioning and configuring, see page 3/6.

Other voltages according to page 3/73 on request.

For accessories and spare parts, see pages 3/75 to 3/123.