

Switching devices – Contactors and contactor assemblies – for switching motors

Power contactors for switching motors

SIRIUS 3RT contactors, 3-pole up to 250 kW

		Contactors							
Type		3RT1054	3RT1055	3RT1056	3RT1064	3RT1065	3RT1066	3RT1075	3RT1076
Size		S6		S10		S12			
Ⓢ and Ⓣ rated data									
Rated operational voltage	V AC	600							
Uninterrupted current , at 40 °C, open and enclosed	A	140	195		250	330		400	540
Maximum horsepower ratings (from Ⓢ and Ⓣ approved values)									
• Rated power for three-phase motors at 60 Hz	At 200 V hp	40	50	60		75	100	125	150
	230 V hp	50	60	75		100	125	150	200
	460 V hp	100	125	150		200	250	300	400
	575 V hp	125	150	200		250	300	400	500
Short-circuit protection		More information, see Certificate of Compliance for the individual devices . For the dimensioning of load feeders, see Configuration Manual .							

		Contactors			
Type		3RT201	3RT202 to 3RT204		3RT105 to 3RT107
Size		S00	S0 to S3		S6 to S12
		Integrated or mountable auxiliary switch	Integrated		Mountable auxiliary switch
					Mountable auxiliary switch
Ⓢ and Ⓣ rated data of the auxiliary contacts					
Rated voltage	V AC	600			
Switching capacity		A 600, Q 600	A 600, P 600		A 600, Q 600
• Uninterrupted current at 240 V AC	A	10			

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IE3/IE4 ready SIRIUS 3RT contactors, 3-pole up to 250 kW

Selection and ordering data
AC operation 

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


3RT201.-1A...





3RT201.-2A...



3RT201.-1AP04-3MA0



3RT201.-2AP04-3MA0

Rated data		Auxiliary contacts		Rated control supply voltage U_s	SD	Screw terminals 		SD	Spring-loaded terminals 	
AC-2 and AC-3, t_U : 60 °C		AC-1, t_U : 40 °C		50/60 Hz AC	d	Article No.	Price per PU	d	Article No.	Price per PU
Operational current I_e up to 400 V	Ratings of three-phase motors at 50 Hz and 400 V	Operational current I_e up to 690 V	Ident. No.							
A	kW	A	NO NC	V						

For screw fixing and snap-on mounting onto TH 35 standard mounting rail
Size S00

7	3	18	10	1	--	24 110 230	▶	3RT2015-1AB01 3RT2015-1AF01 3RT2015-1AP01	▶	3RT2015-2AB01 3RT2015-2AF01 3RT2015-2AP01
			01	--	1	24 110 230	▶	3RT2015-1AB02 3RT2015-1AF02 3RT2015-1AP02	▶	3RT2015-2AB02 3RT2015-2AF02 3RT2015-2AP02
9	4	22	10	1	--	24 110 230	▶	3RT2016-1AB01 3RT2016-1AF01 3RT2016-1AP01	▶	3RT2016-2AB01 3RT2016-2AF01 3RT2016-2AP01
			01	--	1	24 110 230	▶	3RT2016-1AB02 3RT2016-1AF02 3RT2016-1AP02	▶	3RT2016-2AB02 3RT2016-2AF02 3RT2016-2AP02
12	5.5	22	10	1	--	24 110 230	▶	3RT2017-1AB01 3RT2017-1AF01 3RT2017-1AP01	▶	3RT2017-2AB01 3RT2017-2AF01 3RT2017-2AP01
			01	--	1	24 110 230	▶	3RT2017-1AB02 3RT2017-1AF02 3RT2017-1AP02	▶	3RT2017-2AB02 3RT2017-2AF02 3RT2017-2AP02
16	7.5	22	10	1	--	24 110 230	▶	3RT2018-1AB01 3RT2018-1AF01 3RT2018-1AP01	▶	3RT2018-2AB01 3RT2018-2AF01 3RT2018-2AP01
			01	--	1	24 110 230	▶	3RT2018-1AB02 3RT2018-1AF02 3RT2018-1AP02	▶	3RT2018-2AB02 3RT2018-2AF02 3RT2018-2AP02
With permanently mounted auxiliary switch										
7	3	18	22	2	2	230	2	3RT2015-1AP04-3MA0	5	3RT2015-2AP04-3MA0
9	4	22	22	2	2	230	2	3RT2016-1AP04-3MA0	5	3RT2016-2AP04-3MA0
12	5.5	22	22	2	2	230	2	3RT2017-1AP04-3MA0	5	3RT2017-2AP04-3MA0
16	7.5	22	22	2	2	230	▶	3RT2018-1AP04-3MA0	5	3RT2018-2AP04-3MA0
With permanently mounted auxiliary switch and varistor plugged into the front										
7	3	18	22	2	2	230	5	3RT2015-1CP04-3MA0	5	3RT2015-2CP04-3MA0
9	4	22	22	2	2	230	5	3RT2016-1CP04-3MA0	5	3RT2016-2CP04-3MA0
12	5.5	22	22	2	2	230	5	3RT2017-1CP04-3MA0	5	3RT2017-2CP04-3MA0
16	7.5	22	22	2	2	230	5	3RT2018-1CP04-3MA0	5	3RT2018-2CP04-3MA0

Other voltages according to page 3/75 on request.

Accessories and spare parts, see pages 3/77 to 3/126.

Switching devices – Contactors and contactor assemblies – for switching motors

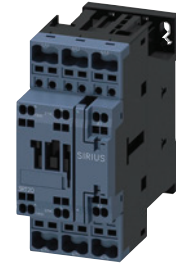
Power contactors for switching motors

SIRIUS 3RT contactors, 3-pole up to 250 kW **IE3/IE4 ready**
AC operation 





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



3RT202-1A.00



3RT202-2A.00

Rated data		Auxiliary contacts	Rated control supply voltage	SD	Screw terminals	SD	Spring-loaded terminals
AC-2 and AC-3, t_u : 60 °C	AC-1, t_u : 40 °C	Ident. No.	U_s				
Operational current I_e up to 400 V	Operational current I_e up to 690 V	Version	50 Hz AC		Article No.	Price per PU	Article No.
400 V		 					Price per PU
A	A	NO NC	V	d			d

For screw fixing and snap-on mounting onto TH 35 standard mounting rail
Size S0

9	4	40	11	1	1	24 110 230	▶	3RT2023-1AB00 3RT2023-1AF00 3RT2023-1AP00	▶	3RT2023-2AB00 3RT2023-2AF00 3RT2023-2AP00
12	5.5	40	11	1	1	24 110 230	▶	3RT2024-1AB00 3RT2024-1AF00 3RT2024-1AP00	2	3RT2024-2AB00 3RT2024-2AF00 3RT2024-2AP00
17	7.5	40	11	1	1	24 110 230	▶	3RT2025-1AB00 3RT2025-1AF00 3RT2025-1AP00	2	3RT2025-2AB00 3RT2025-2AF00 3RT2025-2AP00
25	11	40	11	1	1	24 110 230	▶	3RT2026-1AB00 3RT2026-1AF00 3RT2026-1AP00	2	3RT2026-2AB00 3RT2026-2AF00 3RT2026-2AP00
32	15	50	11	1	1	24 110 230	▶	3RT2027-1AB00 3RT2027-1AF00 3RT2027-1AP00	2	3RT2027-2AB00 3RT2027-2AF00 3RT2027-2AP00
38	18.5	50	11	1	1	24 110 230	▶	3RT2028-1AB00 3RT2028-1AF00 3RT2028-1AP00	2	3RT2028-2AB00 3RT2028-2AF00 3RT2028-2AP00

 Other voltages [according to page 3/75](#) on request.

 Accessories and spare parts, [see pages 3/77 to 3/126](#).

Switching devices – Contactors and contactor assemblies – for switching motors

Power contactors for switching motors

IE3/IE4 ready

SIRIUS 3RT contactors, 3-pole up to 250 kW

AC operation 

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



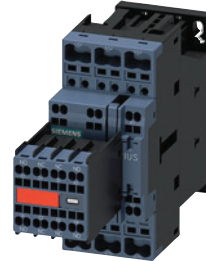
3RT202-1A.04



3RT202-2A.04



3RT202-1CL24-3MA0



3RT202-2CL24-3MA0

Rated data		Auxiliary contacts		Rated control supply voltage	SD	Screw terminals		SD	Spring-loaded terminals	
AC-2 and AC-3, t_u : 60 °C	AC-1, t_u : 40 °C	Operational current I_e up to 400 V	Ratings of three-phase motors at 50 Hz and 400 V	Operational current I_e up to 690 V	Ident. No.	Version	50 Hz AC			
A	kW	A			NO	NC	V	d		
Article No.		Price per PU		Article No.		Price per PU				

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

Size S0**With removable auxiliary switch**

9	4	40	22	2	2	24 230	5	3RT2023-1AB04 3RT2023-1AP04	5	3RT2023-2AB04 3RT2023-2AP04
12	5.5	40	22	2	2	24 110 230	5 5	3RT2024-1AB04 3RT2024-1AF04 3RT2024-1AP04	5 5 2	3RT2024-2AB04 3RT2024-2AF04 3RT2024-2AP04
17	7.5	40	22	2	2	24 110 230	5 5	3RT2025-1AB04 3RT2025-1AF04 3RT2025-1AP04	5 5 2	3RT2025-2AB04 3RT2025-2AF04 3RT2025-2AP04
25	11	40	22	2	2	24 110 230	5 5	3RT2026-1AB04 3RT2026-1AF04 3RT2026-1AP04	5 5 2	3RT2026-2AB04 3RT2026-2AF04 3RT2026-2AP04
32	15	50	22	2	2	24 110 230	5 5	3RT2027-1AB04 3RT2027-1AF04 3RT2027-1AP04	5 5 2	3RT2027-2AB04 3RT2027-2AF04 3RT2027-2AP04
38	18.5	50	22	2	2	24 110 230	5 5	3RT2028-1AB04 3RT2028-1AF04 3RT2028-1AP04	5 5 2	3RT2028-2AB04 3RT2028-2AF04 3RT2028-2AP04

With permanently mounted auxiliary switch and varistor plugged in

9	4	40	22	2	2	230	5	3RT2023-1CL24-3MA0	5	3RT2023-2CL24-3MA0
12	5.5	40	22	2	2	230	▶	3RT2024-1CL24-3MA0	2	3RT2024-2CL24-3MA0
17	7.5	40	22	2	2	230	5	3RT2025-1CL24-3MA0	5	3RT2025-2CL24-3MA0
25	11	40	22	2	2	230	5	3RT2026-1CL24-3MA0	5	3RT2026-2CL24-3MA0
32	15	50	22	2	2	230	5	3RT2027-1CL24-3MA0	5	3RT2027-2CL24-3MA0
38	18.5	50	22	2	2	230	5	3RT2028-1CL24-3MA0	5	3RT2028-2CL24-3MA0

Other voltages according to page 3/75 on request.

Accessories and spare parts, see pages 3/77 to 3/126.

Switching devices – Contactors and contactor assemblies – for switching motors

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SIRIUS 3RT contactors, 3-pole up to 250 kW **IE3/IE4 ready**
AC operation 

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


3RT203-1A.00



3RT203-3A.00





3RT203-1A.04



3RT203-1CL24-3MA0



3RT203-3CL24-3MA0

Rated data		Auxiliary contacts		Rated control supply voltage	SD	Screw terminals	SD	Spring-loaded terminals
AC-2 and AC-3, t_{ij} : 60 °C	AC-1, t_{ij} : 40 °C	Ident. No.	Version	U_s				
Operational current I_e up to 400 V	Operational current I_e up to 690 V			50 Hz AC		Article No.	Price per PU	Article No.
Ratings of three-phase motors at 50 Hz and 400 V								Price per PU
400 V								
A	kW	A	NO NC V	d			d	

For screw fixing and snap-on mounting onto TH 35 standard mounting rail
Size S2

41	18.5	60	11	1	1	24 110 230	▶	3RT2035-1AB00 3RT2035-1AF00 3RT2035-1AP00	2 2 ▶	3RT2035-3AB00 3RT2035-3AF00 3RT2035-3AP00
50	22	70	11	1	1	24 110 230	▶	3RT2036-1AB00 3RT2036-1AF00 3RT2036-1AP00	5 2 ▶	3RT2036-3AB00 3RT2036-3AF00 3RT2036-3AP00
65	30	80	11	1	1	24 110 230	▶	3RT2037-1AB00 3RT2037-1AF00 3RT2037-1AP00	5 2 ▶	3RT2037-3AB00 3RT2037-3AF00 3RT2037-3AP00
80	37	90	11	1	1	24 110 230	▶	3RT2038-1AB00 3RT2038-1AF00 3RT2038-1AP00	2 5 ▶	3RT2038-3AB00 3RT2038-3AF00 3RT2038-3AP00
With removable auxiliary switch										
41	18.5	60	22	2	2	24 110 230	▶	3RT2035-1AB04 3RT2035-1AF04 3RT2035-1AP04		-- -- --
50	22	70	22	2	2	24 110 230	▶	3RT2036-1AB04 3RT2036-1AF04 3RT2036-1AP04		-- -- --
65	30	80	22	2	2	24 110 230	▶	3RT2037-1AB04 3RT2037-1AF04 3RT2037-1AP04		-- -- --
80	37	90	22	2	2	24 110 230	▶	3RT2038-1AB04 3RT2038-1AF04 3RT2038-1AP04		-- -- --
With permanently mounted auxiliary switch and integrated coil circuit (varistor plugged in at the factory)										
41	18.5	60	22	2	2	230	5	3RT2035-1CL24-3MA0	5	3RT2035-3CL24-3MA0
50	22	70	22	2	2	230	2	3RT2036-1CL24-3MA0	5	3RT2036-3CL24-3MA0
65	30	80	22	2	2	230	5	3RT2037-1CL24-3MA0	5	3RT2037-3CL24-3MA0
80	37	90	22	2	2	230	2	3RT2038-1CL24-3MA0	2	3RT2038-3CL24-3MA0

 Other voltages [according to page 3/75](#) on request.

 Accessories and spare parts, [see pages 3/77 to 3/126](#).

Switching devices – Contactors and contactor assemblies – for switching motors

Power contactors for switching motors

IE3/IE4 ready

SIRIUS 3RT contactors, 3-pole up to 250 kW

AC operation 

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



3RT204.-1A.00



3RT204.-1A.04



3RT204.-1CL24-3MA0



3RT204.-3A.00

Rated data		Auxiliary contacts		Rated control supply voltage	SD	Screw terminals		SD	Spring-loaded terminals	
AC-2 and AC-3, t_{ij} : 60 °C		AC-1, t_{ij} : 40 °C		50 Hz AC	d	Article No. Price per PU		d	Article No. Price per PU	
Operational current I_e up to 400 V	Ratings of three-phase motors at 50 Hz and 400 V	Operational current I_e up to 690 V	Ident. No.							
A	kW	A								

For screw fixing and snap-on mounting onto TH 35-15 and TH 75-15 standard mounting rails

Size S3

80	37	125	11	1	1	24 110 230	2	3RT2045-1AB00 3RT2045-1AF00 3RT2045-1AP00	5 2 2	3RT2045-3AB00 3RT2045-3AF00 3RT2045-3AP00
95	45	130	11	1	1	24 110 230	2	3RT2046-1AB00 3RT2046-1AF00 3RT2046-1AP00	5 2 2	3RT2046-3AB00 3RT2046-3AF00 3RT2046-3AP00
110	55	130	11	1	1	24 110 230	5	3RT2047-1AB00 3RT2047-1AF00 3RT2047-1AP00	5 5 2	3RT2047-3AB00 3RT2047-3AF00 3RT2047-3AP00
With removable auxiliary switch										
80	37	125	22	2	2	24 110 230	5	3RT2045-1AB04 3RT2045-1AF04 3RT2045-1AP04		--
95	45	130	22	2	2	24 110 230	5	3RT2046-1AB04 3RT2046-1AF04 3RT2046-1AP04		--
110	55	130	22	2	2	24 110 230	5	3RT2047-1AB04 3RT2047-1AF04 3RT2047-1AP04		--
With permanently mounted auxiliary switch and integrated coil circuit (varistor plugged in at the factory)										
80	37	125	22	2	2	230	5	3RT2045-1CL24-3MA0		--
95	45	130	22	2	2	230	5	3RT2046-1CL24-3MA0		--
110	55	130	22	2	2	230	2	3RT2047-1CL24-3MA0		--

Other voltages according to page 3/75 on request.

Accessories and spare parts, see pages 3/77 to 3/126.

Switching devices – Contactors and contactor assemblies – for switching motors

Power contactors for switching motors

SIRIUS 3RT contactors, 3-pole up to 250 kW **IE3/IE4 ready**
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	Screw terminals		SD	Spring-loaded terminals	
AC-2 and AC-3, t_u : 60 °C		AC-1, t_u : 40 °C	Ident. No.	Version	DC						
Operational current I_e up to	Ratings of three-phase motors at 50 Hz and	Operational current I_e up to					Article No.	Price per PU		Article No.	Price per PU
400 V	400 V	690 V									
A	kW	A	NO	NC	V	d			d		

For screw fixing and snap-on mounting onto TH 35 standard mounting rail
Size S00

7	3	18	10	1	--	24	▶	3RT2015-1BB41	▶	3RT2015-2BB41	
			01	--	1	24	▶	3RT2015-1BB42	▶	3RT2015-2BB42	
						220		3RT2015-1BM41		3RT2015-2BM41	
						220		3RT2015-1BM42		3RT2015-2BM42	
9	4	22	10	1	--	24	▶	3RT2016-1BB41	▶	3RT2016-2BB41	
			01	--	1	24	▶	3RT2016-1BB42	▶	3RT2016-2BB42	
						220		3RT2016-1BM41		3RT2016-2BM41	
						220		3RT2016-1BM42		3RT2016-2BM42	
12	5.5	22	10	1	--	24	▶	3RT2017-1BB41	▶	3RT2017-2BB41	
			01	--	1	24	▶	3RT2017-1BB42	▶	3RT2017-2BB42	
						220		3RT2017-1BM41		3RT2017-2BM41	
						220		3RT2017-1BM42		3RT2017-2BM42	
16	7.5	22	10	1	--	24	▶	3RT2018-1BB41	▶	3RT2018-2BB41	
			01	--	1	24	▶	3RT2018-1BB42	▶	3RT2018-2BB42	
						220		3RT2018-1BM41		3RT2018-2BM41	
						220		3RT2018-1BM42		3RT2018-2BM42	
With integrated coil circuit (varistor integrated at the factory)											
7	3	18	10	1	--	24	▶	3RT2015-1UB41	▶	3RT2015-2UB41	
			01	--	1	24	▶	3RT2015-1UB42	▶	3RT2015-2UB42	
9	4	22	10	1	--	24	▶	3RT2016-1UB41	▶	3RT2016-2UB41	
			01	--	1	24	▶	3RT2016-1UB42	▶	3RT2016-2UB42	
12	5.5	22	10	1	--	24	▶	3RT2017-1UB41	▶	3RT2017-2UB41	
			01	--	1	24	▶	3RT2017-1UB42	▶	3RT2017-2UB42	
16	7.5	22	10	1	--	24	▶	3RT2018-1UB41	▶	3RT2018-2UB41	
			01	--	1	24	▶	3RT2018-1UB42	▶	3RT2018-2UB42	
With integrated coil circuit (diode integrated at the factory)¹⁾											
7	3	18	10	1	--	24	▶	3RT2015-1FB41	▶	3RT2015-2FB41	
			01	--	1	24	▶	3RT2015-1FB42	▶	3RT2015-2FB42	
9	4	22	10	1	--	24	▶	3RT2016-1FB41	▶	3RT2016-2FB41	
			01	--	1	24	▶	3RT2016-1FB42	▶	3RT2016-2FB42	
12	5.5	22	10	1	--	24	▶	3RT2017-1FB41	▶	3RT2017-2FB41	
			01	--	1	24	▶	3RT2017-1FB42	▶	3RT2017-2FB42	
16	7.5	22	10	1	--	24	▶	3RT2018-1FB41	▶	3RT2018-2FB41	
			01	--	1	24	▶	3RT2018-1FB42	▶	3RT2018-2FB42	

¹⁾ When using contactors with IE3/IE4 motors, use contactors fitted with varistors instead of diodes.
For more information about dimensioning and configuring, see page 3/7.

Other voltages according to page 3/75 on request.

Accessories and spare parts, see pages 3/77 to 3/126.

Switching devices – Contactors and contactor assemblies – for switching motors

Power contactors for switching motors

IE3/IE4 ready SIRIUS 3RT contactors, 3-pole up to 250 kW

DC operation

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


3RT201.-1BB44-3MA0



3RT201.-2BB44-3MA0



3RT201.-1BB4.-0CC0



3RT201.-2BB4.-0CC0

Rated data		Auxiliary contacts		Rated control supply voltage U_s	SD	Screw terminals		SD	Spring-loaded terminals	
AC-2 and AC-3, t_u : 60 °C	AC-1, t_u : 40 °C	Ident. No.	Version	DC						
Operational current I_e up to 400 V	Operational current I_e up to 690 V					Article No.	Price per PU		Article No.	Price per PU
A	kW	A	NO NC	V	d			d		

For screw fixing and snap-on mounting onto TH 35 standard mounting rail
Size S00
With permanently mounted auxiliary switch

7	3	18	22	2	2	24		▶	3RT2015-1BB44-3MA0	2	3RT2015-2BB44-3MA0
9	4	22	22	2	2	24		▶	3RT2016-1BB44-3MA0	2	3RT2016-2BB44-3MA0
12	5.5	22	22	2	2	24	2		3RT2017-1BB44-3MA0	2	3RT2017-2BB44-3MA0
16	7.5	22	22	2	2	24	2		3RT2018-1BB44-3MA0	2	3RT2018-2BB44-3MA0

With permanently mounted auxiliary switch and integrated coil circuit (diode integrated at the factory)¹⁾

7	3	18	22	2	2	24	2		3RT2015-1FB44-3MA0	2	3RT2015-2FB44-3MA0
9	4	22	22	2	2	24	2		3RT2016-1FB44-3MA0	2	3RT2016-2FB44-3MA0
12	5.5	22	22	2	2	24	2		3RT2017-1FB44-3MA0	5	3RT2017-2FB44-3MA0
16	7.5	22	22	2	2	24	2		3RT2018-1FB44-3MA0	2	3RT2018-2FB44-3MA0

With voltage tap-off (only available with 24 V DC coils)

7	3	18	10	1	--	24		▶	3RT2015-1BB41-0CC0	▶	3RT2015-2BB41-0CC0
			01	--	1	24			3RT2015-1BB42-0CC0	2	3RT2015-2BB42-0CC0
9	4	22	10	1	--	24		▶	3RT2016-1BB41-0CC0	2	3RT2016-2BB41-0CC0
			01	--	1	24	2		3RT2016-1BB42-0CC0	2	3RT2016-2BB42-0CC0
12	5.5	22	10	1	--	24	2		3RT2017-1BB41-0CC0	▶	3RT2017-2BB41-0CC0
			01	--	1	24	5		3RT2017-1BB42-0CC0	▶	3RT2017-2BB42-0CC0
16	7.5	22	10	1	--	24	2		3RT2018-1BB41-0CC0	▶	3RT2018-2BB41-0CC0
			01	--	1	24	2		3RT2018-1BB42-0CC0	2	3RT2018-2BB42-0CC0

¹⁾ When using contactors with IE3/IE4 motors, use contactors fitted with varistors instead of diodes. For more information about dimensioning and configuring, see page 3/7.

 Other voltages [according to page 3/75](#) on request.

 Accessories and spare parts, see pages [3/77](#) to [3/126](#).

Switching devices – Contactors and contactor assemblies – for switching motors

Power contactors for switching motors

SIRIUS 3RT contactors, 3-pole up to 250 kW **IE3/IE4 ready**
DC operation for direct control by PLC

- Coupling contactors with adapted power consumption
- Suitable for electronic PLC/F-PLC outputs
- Cannot be expanded with auxiliary switches

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



3RT201-1.B4.



3RT201-2.B4.

Rated data		Auxiliary contacts		Rated control supply voltage U_s	SD	Screw terminals		SD	Spring-loaded terminals	
AC-2 and AC-3, t_{ij} : 60 °C	Ratings of three-phase motors up to 400 V	AC-1, t_{ij} : 40 °C	Operational current I_e up to 690 V	Ident. No.	Version	DC				
A	400 V	A		NO	NC	V	Article No.	Price per PU	Article No.	Price per PU
	kW									

For screw fixing and snap-on mounting onto TH 35 standard mounting rail
Size S00

(Cannot be expanded with auxiliary switches)

 Operating range **0.7 ... 1.25 x U_s** ,

 power consumption of the solenoid coils **2.8 W** at 24 V

7	3	18	10	1	--	24	5	3RT2015-1HB41	5	3RT2015-2HB41
			01	--	1	24	5	3RT2015-1HB42	5	3RT2015-2HB42
9	4	22	10	1	--	24	5	3RT2016-1HB41	5	3RT2016-2HB41
			01	--	1	24	2	3RT2016-1HB42	5	3RT2016-2HB42
12	5.5¹⁾	22	10	1	--	24	5	3RT2017-1HB41	5	3RT2017-2HB41
			01	--	1	24	▶	3RT2017-1HB42	5	3RT2017-2HB42

 Operating range **0.85 ... 1.85 x U_s** ,

 power consumption of the solenoid coils **1.6 W** at 24 V

7	3	18	10	1	--	24	5	3RT2015-1MB41-OKT0	5	3RT2015-2MB41-OKT0
			01	--	1	24	5	3RT2015-1MB42-OKT0	5	3RT2015-2MB42-OKT0
9	4	22	10	1	--	24	5	3RT2016-1MB41-OKT0	5	3RT2016-2MB41-OKT0
			01	--	1	24	5	3RT2016-1MB42-OKT0	5	3RT2016-2MB42-OKT0
12	5.5¹⁾	22	10	1	--	24	5	3RT2017-1MB41-OKT0	5	3RT2017-2MB41-OKT0
			01	--	1	24	5	3RT2017-1MB42-OKT0	5	3RT2017-2MB42-OKT0

With integrated coil circuit (diode integrated at the factory)¹⁾

(Cannot be expanded with auxiliary switches)

 Operating range **0.7 ... 1.25 x U_s** ,

 power consumption of the solenoid coils **2.8 W** at 24 V

7	3	18	10	1	--	24	2	3RT2015-1JB41	2	3RT2015-2JB41
			01	--	1	24	2	3RT2015-1JB42	5	3RT2015-2JB42
9	4	22	10	1	--	24	▶	3RT2016-1JB41	5	3RT2016-2JB41
			01	--	1	24	2	3RT2016-1JB42	5	3RT2016-2JB42
12	5.5¹⁾	22	10	1	--	24	2	3RT2017-1JB41	5	3RT2017-2JB41
			01	--	1	24	5	3RT2017-1JB42	▶	3RT2017-2JB42

 Operating range **0.85 ... 1.85 x U_s** ,

 power consumption of the solenoid coils **1.6 W** at 24 V

7	3	18	10	1	--	24	5	3RT2015-1VB41	5	3RT2015-2VB41
			01	--	1	24	5	3RT2015-1VB42	5	3RT2015-2VB42
9	4	22	10	1	--	24	5	3RT2016-1VB41	5	3RT2016-2VB41
			01	--	1	24	5	3RT2016-1VB42	5	3RT2016-2VB42
12	5.5¹⁾	22	10	1	--	24	5	3RT2017-1VB41	5	3RT2017-2VB41
			01	--	1	24	5	3RT2017-1VB42	5	3RT2017-2VB42

¹⁾ When using contactors with IE3/IE4 motors, use contactors fitted with varistors instead of diodes. In the case of 5.5 kW coupling contactors of size S00, use 5.5 kW coupling contactors of size S0, see page 3/66. For more information about dimensioning and configuring, see page 3/7.

Other voltages according to page 3/75 on request.

Accessories and spare parts, see pages 3/77 to 3/126.

Switching devices – Contactors and contactor assemblies – for switching motors

Power contactors for switching motors

IE3/IE4 ready

SIRIUS 3RT contactors, 3-pole up to 250 kW

DC operation for direct control by PLC

- Coupling contactors with adapted power consumption
- Suitable for electronic PLC/F-PLC outputs
- Cannot be expanded with auxiliary switches





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



3RT201.-1.B4.



3RT201.-2.B4.

Rated data		Auxiliary contacts		Rated control supply voltage U_s	SD	Screw terminals 	SD	Spring-loaded terminals 	
AC-2 and AC-3, t_U : 60 °C	AC-1, t_U : 40 °C	Ident. No.	Version	DC		Article No.	Price per PU	Article No.	Price per PU
Operational current I_e up to 400 V	Operational current I_e up to 690 V		 	V					
Ratings of three-phase motors at 50 Hz and 400 V									
A	A				d				

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

Size S00

With integrated coil circuit (suppressor diode integrated at the factory)¹⁾

(Cannot be expanded with auxiliary switches)

Operating range **0.7 ... 1.25 x U_s** ,

power consumption of the solenoid coils **2.8 W** at 24 V

7	3	18	10 01	1 --	-- 1	24 24	2 2	3RT2015-1KB41 3RT2015-1KB42	2 ▶	3RT2015-2KB41 3RT2015-2KB42
9	4	22	10 01	1 --	-- 1	24 24	2 2	3RT2016-1KB41 3RT2016-1KB42	2 2	3RT2016-2KB41 3RT2016-2KB42
12	5.5 ¹⁾	22	10 01	1 --	-- 1	24 24	2 2	3RT2017-1KB41 3RT2017-1KB42	▶ ▶	3RT2017-2KB41 3RT2017-2KB42
Operating range 0.85 ... 1.85 x U_s , power consumption of the solenoid coils 1.6 W at 24 V										
7	3	18	10 01	1 --	-- 1	24 24	5 5	3RT2015-1SB41 3RT2015-1SB42	5 5	3RT2015-2SB41 3RT2015-2SB42
9	4	22	10 01	1 --	-- 1	24 24	5 5	3RT2016-1SB41 3RT2016-1SB42	5 5	3RT2016-2SB41 3RT2016-2SB42
12	5.5 ¹⁾	22	10 01	1 --	-- 1	24 24	5 5	3RT2017-1SB41 3RT2017-1SB42	5 5	3RT2017-2SB41 3RT2017-2SB42

¹⁾ When using contactors with IE3/IE4 motors, use contactors fitted with varistors instead of diodes. In the case of 5.5 kW coupling contactors of size S00, use 5.5 kW coupling contactors of size S0, see page 3/66. For more information about dimensioning and configuring, see page 3/7.

Other voltages according to page 3/75 on request.

Accessories and spare parts, see pages 3/77 to 3/126.

Switching devices – Contactors and contactor assemblies – for switching motors

Power contactors for switching motors

SIRIUS 3RT contactors, 3-pole up to 250 kW **IE3/IE4 ready**
DC operation

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

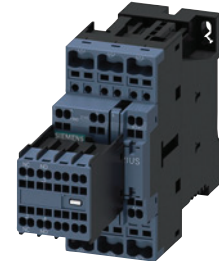

3RT202.-1B.40



3RT202.-2B.40



3RT202.-1B.44



3RT202.-2B.44

Rated data		Auxiliary contacts		Rated control supply voltage U_s	SD	Screw terminals		SD	Spring-loaded terminals	
AC-2 and AC-3, t_{ij} : 60 °C	AC-1, t_{ij} : 40 °C	Ident. No.	Version			Article No.	Price per PU		Article No.	Price per PU
Operational current I_e up to 400 V	Ratings of three-phase motors at 50 Hz and 400 V	Operational current I_e up to 690 V	NO NC	DC V	d					

For screw fixing and snap-on mounting onto TH 35 standard mounting rail
Size S0

9	4	40	11	1	1	24	▶	3RT2023-1BB40	▶	3RT2023-2BB40
12	5.5	40	11	1	1	24 220	▶	3RT2024-1BB40 3RT2024-1BM40	▶	3RT2024-2BB40 3RT2024-2BM40
17	7.5	40	11	1	1	24 220	▶	3RT2025-1BB40 3RT2025-1BM40	▶	3RT2025-2BB40 3RT2025-2BM40
25	11	40	11	1	1	24 220	▶	3RT2026-1BB40 3RT2026-1BM40	▶	3RT2026-2BB40 3RT2026-2BM40
32	15	50	11	1	1	24 220	▶	3RT2027-1BB40 3RT2027-1BM40	▶	3RT2027-2BB40 3RT2027-2BM40
38	18.5	50	11	1	1	24 220	▶	3RT2028-1BB40 3RT2028-1BM40	▶	3RT2028-2BB40 3RT2028-2BM40
With coil circuit plugged into front (varistor plugged in at the factory)										
9	4	40	11	1	1	24	▶	3RT2023-1DB40	▶	3RT2023-2DB40
12	5.5	40	11	1	1	24	▶	3RT2024-1DB40	▶	3RT2024-2DB40
17	7.5	40	11	1	1	24	▶	3RT2025-1DB40	▶	3RT2025-2DB40
25	11	40	11	1	1	24	▶	3RT2026-1DB40	▶	3RT2026-2DB40
32	15	50	11	1	1	24	▶	3RT2027-1DB40	▶	3RT2027-2DB40
38	18.5	50	11	1	1	24	▶	3RT2028-1DB40	▶	3RT2028-2DB40
With coil circuit plugged into front (diode assembly plugged in at the factory)										
9	4	40	11	1	1	24	▶	3RT2023-1FB40	▶	3RT2023-2FB40
12	5.5	40	11	1	1	24	▶	3RT2024-1FB40	▶	3RT2024-2FB40
17	7.5	40	11	1	1	24	▶	3RT2025-1FB40	▶	3RT2025-2FB40
25	11	40	11	1	1	24	▶	3RT2026-1FB40	▶	3RT2026-2FB40
32	15	50	11	1	1	24	▶	3RT2027-1FB40	▶	3RT2027-2FB40
38	18.5	50	11	1	1	24	▶	3RT2028-1FB40	▶	3RT2028-2FB40
With removable auxiliary switch										
9	4	40	22	2	2	24	▶	3RT2023-1BB44	▶	3RT2023-2BB44
12	5.5	40	22	2	2	24	▶	3RT2024-1BB44	▶	3RT2024-2BB44
17	7.5	40	22	2	2	24	▶	3RT2025-1BB44	▶	3RT2025-2BB44
25	11	40	22	2	2	24	▶	3RT2026-1BB44	▶	3RT2026-2BB44
32	15	50	22	2	2	24	▶	3RT2027-1BB44	▶	3RT2027-2BB44
38	18.5	50	22	2	2	24	▶	3RT2028-1BB44	▶	3RT2028-2BB44

Other voltages according to page 3/75 on request.

Accessories and spare parts, see pages 3/77 to 3/126.

Switching devices – Contactors and contactor assemblies – for switching motors

Power contactors for switching motors

IE3/IE4 ready

SIRIUS 3RT contactors, 3-pole up to 250 kW

DC operation 

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



3RT202.-1.B44-3MA0







3RT202.-2.B44-3MA0



3RT202.-1BB40-0CC0



3RT202.-2BB40-0CC0

Rated data		Auxiliary contacts	Rated control supply voltage U_s	SD	Screw terminals	SD	Spring-loaded terminals
AC-2 and AC-3, t_u : 60 °C	AC-1, t_u : 40 °C	Ident. No.	DC				
Operational current I_e up to 400 V	Operational current I_e up to 690 V	Version			Article No.	Price per PU	Article No.
Ratings of three-phase motors at 50 Hz and 400 V		 					Price per PU
400 V	690 V	NO NC V					
kW	A			d		d	

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

Size S0

With permanently mounted auxiliary switch and integrated coil circuit (varistor integrated at the factory)

12	5.5	40	22	2	2	24	2	3RT2024-1DB44-3MA0	5	3RT2024-2DB44-3MA0
17	7.5	40	22	2	2	24	5	3RT2025-1DB44-3MA0	5	3RT2025-2DB44-3MA0
25	11	40	22	2	2	24	5	3RT2026-1DB44-3MA0	5	3RT2026-2DB44-3MA0
32	15	50	22	2	2	24	5	3RT2027-1DB44-3MA0	5	3RT2027-2DB44-3MA0

With permanently mounted auxiliary switch and integrated coil circuit (diode assembly plugged in at the factory)

9	4	40	22	2	2	24	▶	3RT2023-1FB44-3MA0	5	3RT2023-2FB44-3MA0
12	5.5	40	22	2	2	24	5	3RT2024-1FB44-3MA0	2	3RT2024-2FB44-3MA0
17	7.5	40	22	2	2	24	5	3RT2025-1FB44-3MA0	5	3RT2025-2FB44-3MA0
25	11	40	22	2	2	24	5	3RT2026-1FB44-3MA0	5	3RT2026-2FB44-3MA0
32	15	50	22	2	2	24	5	3RT2027-1FB44-3MA0	5	3RT2027-2FB44-3MA0
38	18.5	50	22	2	2	24	5	3RT2028-1FB44-3MA0	5	3RT2028-2FB44-3MA0

With voltage tap-off

9	4	40	11	1	1	24	5	3RT2023-1BB40-0CC0	5	3RT2023-2BB40-0CC0
12	5.5	40	11	1	1	24	2	3RT2024-1BB40-0CC0	5	3RT2024-2BB40-0CC0
17	7.5	40	11	1	1	24	5	3RT2025-1BB40-0CC0	5	3RT2025-2BB40-0CC0
25	11	40	11	1	1	24	5	3RT2026-1BB40-0CC0	5	3RT2026-2BB40-0CC0
32	15	50	11	1	1	24	5	3RT2027-1BB40-0CC0	5	3RT2027-2BB40-0CC0
38	18.5	50	11	1	1	24	5	3RT2028-1BB40-0CC0	5	3RT2028-2BB40-0CC0

Other voltages according to page 3/75 on request.

Accessories and spare parts, see pages 3/77 to 3/126.

Switching devices – Contactors and contactor assemblies – for switching motors

Power contactors for switching motors

SIRIUS 3RT contactors, 3-pole up to 250 kW **IE3/IE4 ready**

DC operation for direct control by PLC

- Coupling contactors with adapted power consumption
- Suitable for electronic PLC/F-PLC outputs
- Cannot be expanded with auxiliary switches

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



3



3RT202.-1KB40



3RT202.-2KB40

Rated data		Auxiliary contacts		Rated control supply voltage U_s	SD	Screw terminals 		SD	Spring-loaded terminals 	
AC-2 and AC-3, t_u : 60 °C	Ratings of three-phase motors at 50 Hz and up to 400 V	AC-1, t_u : 40 °C	Operational current I_e up to 690 V	Ident. No.	Version	DC	Article No.	Price per PU	Article No.	Price per PU
A	kW	A		NO	NC	V	d	d	d	d

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

Size S0

With integrated coil circuit (varistor integrated in electronics at the factory)

(Cannot be expanded with auxiliary switches)

Operating range **0.7 ... 1.25 x U_s** ,
 power consumption of the solenoid coils **4.5 W** at 24 V

9	4	40	11	1	1	24	▶	3RT2023-1KB40	▶	3RT2023-2KB40
12	5.5	40	11	1	1	24	▶	3RT2024-1KB40	5	3RT2024-2KB40
17	7.5	40	11	1	1	24	▶	3RT2025-1KB40	▶	3RT2025-2KB40
25	11	40	11	1	1	24	▶	3RT2026-1KB40	▶	3RT2026-2KB40
32	15	50	11	1	1	24	▶	3RT2027-1KB40	5	3RT2027-2KB40

Other voltages [according to page 3/75](#) on request.

Accessories and spare parts, [see pages 3/77 to 3/126](#).

Switching devices – Contactors and contactor assemblies – for switching motors

Power contactors for switching motors

IE3/IE4 ready

SIRIUS 3RT contactors, 3-pole up to 250 kW

DC operation for direct control by PLC

- Coupling contactors with adapted power consumption
- Suitable for electronic PLC/F-PLC outputs with 2 A
- Can be expanded using front or lateral auxiliary switch (1 x left and 1 x right)

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



3RT203.-1KB40





3RT203.-3KB40



3RT204.-1KB40



3RT204.-3KB40

Rated data		Auxiliary contacts		Rated control supply voltage U_s	SD	Screw terminals 		SD	Spring-loaded terminals 	
AC-2 and AC-3, t_U : 60 °C	AC-1, t_U : 40 °C	Ident. No.	Version			DC	Article No.		Price per PU	Article No.
Operational current I_e up to 400 V	Ratings of three-phase motors at 50 Hz and 400 V	Operational current I_e up to 690 V								
A	kW	A	NO	NC	V	d		d		

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

Size S2

With integrated coil circuit (varistor integrated in electronics at the factory)

Operating range $0.8 \dots 1.2 \times U_s$,
 closing power of the solenoid coils **21.5 W** at 24 V

41	18.5	60	11	1	1	24	▶	3RT2035-1KB40	▶	3RT2035-3KB40
50	22	70	11	1	1	24	▶	3RT2036-1KB40	▶	3RT2036-3KB40
65	30	80	11	1	1	24	▶	3RT2037-1KB40	▶	3RT2037-3KB40
80	37	90	11	1	1	24	▶	3RT2038-1KB40	▶	3RT2038-3KB40

For screw fixing and snap-on mounting onto TH 35-15 and TH 75-15 standard mounting rails

Size S3

With integrated coil circuit (varistor integrated in electronics at the factory)

Operating range $0.8 \dots 1.2 \times U_s$,
 closing power of the solenoid coils **25 W** at 24 V

80	37	125	11	1	1	24	▶	3RT2045-1KB40	▶	3RT2045-3KB40
95	45	130	11	1	1	24	▶	3RT2046-1KB40	▶	3RT2046-3KB40

Other voltages [according to page 3/75](#) on request.

Accessories and spare parts, see [pages 3/77 to 3/126](#).

Switching devices – Contactors and contactor assemblies – for switching motors

Power contactors for switching motors

SIRIUS 3RT contactors, 3-pole up to 250 kW **IE3/IE4 ready**
AC/DC operation

- Extended operating range of the solenoid coil 0.7 to 1.3 x U_s
- Reduced power consumption when closing and in the closed state

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

3



3RT202.-1N.30



3RT202.-2N.30

Rated data		Auxiliary contacts		Rated control supply voltage U_s	SD	Screw terminals	SD	Spring-loaded terminals	
AC-2 and AC-3, t_{ij} : 60 °C	AC-1, t_{ij} : 40 °C	Ident. No.	Version	50/60 Hz AC or DC					
Operational current I_e up to 400 V	Ratings of three-phase motors at 50 Hz and 690 V					Article No.	Price per PU	Article No.	Price per PU
400 V									
A	kW	A		V	d				

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

Size S0
With integrated coil circuit (varistor integrated in electronics at the factory)

12	5.5	40	11	1	1	21 ... 28	▶	3RT2024-1NB30	2	3RT2024-2NB30
						95 ... 130	2	3RT2024-1NF30	2	3RT2024-2NF30
						200 ... 280	2	3RT2024-1NP30	2	3RT2024-2NP30
17	7.5	40	11	1	1	21 ... 28	▶	3RT2025-1NB30	5	3RT2025-2NB30
						95 ... 130	2	3RT2025-1NF30	5	3RT2025-2NF30
						200 ... 280	2	3RT2025-1NP30	2	3RT2025-2NP30
25	11	40	11	1	1	21 ... 28	▶	3RT2026-1NB30	2	3RT2026-2NB30
						95 ... 130	2	3RT2026-1NF30	5	3RT2026-2NF30
						200 ... 280	5	3RT2026-1NP30	5	3RT2026-2NP30
32	15	50	11	1	1	21 ... 28	▶	3RT2027-1NB30	2	3RT2027-2NB30
						95 ... 130	2	3RT2027-1NF30	5	3RT2027-2NF30
						200 ... 280	2	3RT2027-1NP30	5	3RT2027-2NP30
38	18.5	50	11	1	1	21 ... 28	▶	3RT2028-1NB30	5	3RT2028-2NB30
						95 ... 130	5	3RT2028-1NF30	5	3RT2028-2NF30
						200 ... 280	2	3RT2028-1NP30	5	3RT2028-2NP30

Other voltages according to page 3/75 on request.

Accessories and spare parts, see pages 3/77 to 3/126.

Switching devices – Contactors and contactor assemblies – for switching motors

Power contactors for switching motors

IE3/IE4 ready SIRIUS 3RT contactors, 3-pole up to 250 kW

AC/DC operation

- Extended operating range of the solenoid coil 0.8 to $1.1 \times U_s$
- Reduced power consumption when closing and in the closed state

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


3RT203.-1N.30



3RT203.-3N.30



3RT203.-1N.34



3RT203.-1NB34-3MA0



3RT203.-3NB34-3MA0

Rated data		Auxiliary contacts		Rated control supply voltage U_s	SD	Screw terminals		SD	Spring-loaded terminals	
AC-2 and AC-3, t_{ij} : 60 °C		AC-1, t_{ij} : 40 °C		50/60 Hz AC or DC						
Operational current I_e up to 400 V	Ratings of three-phase motors at 50 Hz and 400 V	Operational current I_e up to 690 V	Ident. No.	Version		Article No.	Price per PU		Article No.	Price per PU
A	kW	A								

For screw fixing and snap-on mounting onto TH 35 standard mounting rail
Size S2
With integrated coil circuit

(varistor integrated in electronics at the factory)

41	18.5	60	11	1	1	20 ... 33	▶	3RT2035-1NB30	▶	3RT2035-3NB30
						83 ... 155	5	3RT2035-1NF30	5	3RT2035-3NF30
						175 ... 280	2	3RT2035-1NP30	5	3RT2035-3NP30
50	22	70	11	1	1	20 ... 33	▶	3RT2036-1NB30	▶	3RT2036-3NB30
						83 ... 155	2	3RT2036-1NF30	5	3RT2036-3NF30
						175 ... 280	2	3RT2036-1NP30	5	3RT2036-3NP30
65	30	80	11	1	1	20 ... 33	▶	3RT2037-1NB30	▶	3RT2037-3NB30
						83 ... 155	5	3RT2037-1NF30	5	3RT2037-3NF30
						175 ... 280	2	3RT2037-1NP30	2	3RT2037-3NP30
80	37	90	11	1	1	20 ... 33	▶	3RT2038-1NB30	▶	3RT2038-3NB30
						83 ... 155	2	3RT2038-1NF30	X	3RT2038-3NF30
						175 ... 280	2	3RT2038-1NP30	2	3RT2038-3NP30

With removable auxiliary switch and integrated coil circuit

(varistor integrated in electronics at the factory)

41	18.5	60	22	2	2	20 ... 33	▶	3RT2035-1NB34		---
						83 ... 155	5	3RT2035-1NF34		---
						175 ... 280	5	3RT2035-1NP34		---
50	22	70	22	2	2	20 ... 33	▶	3RT2036-1NB34		---
						83 ... 155	5	3RT2036-1NF34		---
						175 ... 280	5	3RT2036-1NP34		---
65	30	80	22	2	2	20 ... 33	2	3RT2037-1NB34		---
						83 ... 155	5	3RT2037-1NF34		---
						175 ... 280	5	3RT2037-1NP34		---
80	37	90	22	2	2	20 ... 33	▶	3RT2038-1NB34		---
						83 ... 155	5	3RT2038-1NF34		---
						175 ... 280	5	3RT2038-1NP34		---

With permanently mounted auxiliary switch and integrated coil circuit

(varistor integrated in electronics at the factory)

41	18.5	60	22	2	2	20 ... 33	▶	3RT2035-1NB34-3MA0	2	3RT2035-3NB34-3MA0
50	22	70	22	2	2	20 ... 33	▶	3RT2036-1NB34-3MA0	5	3RT2036-3NB34-3MA0
65	30	80	22	2	2	20 ... 33	2	3RT2037-1NB34-3MA0	5	3RT2037-3NB34-3MA0
80	37	90	22	2	2	20 ... 33	2	3RT2038-1NB34-3MA0	2	3RT2038-3NB34-3MA0

With voltage tap-off and integrated coil circuit

(varistor integrated in electronics at the factory)

41	18.5	60	11	1	1	20 ... 33	5	3RT2035-1NB30-0CC0	5	3RT2035-3NB30-0CC0
50	22	70	11	1	1	20 ... 33	5	3RT2036-1NB30-0CC0	5	3RT2036-3NB30-0CC0
65	30	80	11	1	1	20 ... 33	5	3RT2037-1NB30-0CC0	5	3RT2037-3NB30-0CC0
80	37	90	11	1	1	20 ... 33	5	3RT2038-1NB30-0CC0	5	3RT2038-3NB30-0CC0

Other voltages according to page 3/75 on request.

Accessories and spare parts, see pages 3/77 to 3/126.

Switching devices – Contactors and contactor assemblies – for switching motors

Power contactors for switching motors

SIRIUS 3RT contactors, 3-pole up to 250 kW **IE3/IE4 ready** **NEW**

AC/DC operation

- Extended operating range of the solenoid coil 0.8 to $1.1 \times U_s$
- Reduced power consumption when closing and in the closed state
- Solid-state operating mechanism with fail-safe control input for safety-related applications to SIL CL 3
- 24 V DC control signal input, e.g. for control via the fail-safe output module of a controller (F-PLC) or safety relay
- Attainable Safety Integrity Level (SIL):
 - With one contactor: SIL CL 2 acc. to IEC 62061 or PL c acc. to ISO 13849-1
 - With two contactors in series: SIL CL 3 acc. to IEC 62061 or PL e acc. to ISO 13849-1

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



3RT203.-1S.30






3RT203.-3S.30



3RT204.-1S.30



3RT204.-3S.30

Rated data		Auxiliary contacts	Rated control supply voltage U_s	SD	Screw terminals 	SD	Spring-loaded terminals 	
AC-2 and AC-3, t_{ij} : 60 °C	Operational current I_e up to 400 V	AC-1, t_{ij} : 40 °C Operational current I_e up to 690 V	Ident. No.	Version	Article No.	Price per PU	Article No.	Price per PU
	Ratings of three-phase motors at 50 Hz and 400 V		50/60 Hz AC or DC					
A	kW	A						
					d		d	

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

Size S2

With integrated coil circuit

(varistor integrated in electronics at the factory)

41	18.5	60	01	--	1	21 ... 33 83 ... 150 175 ... 280	5	3RT2035-1SB30 3RT2035-1SF30 3RT2035-1SP30	5	3RT2035-3SB30 3RT2035-3SF30 3RT2035-3SP30
50	22	70	01	--	1	21 ... 33 83 ... 150 175 ... 280	5	3RT2036-1SB30 3RT2036-1SF30 3RT2036-1SP30	5	3RT2036-3SB30 3RT2036-3SF30 3RT2036-3SP30
65	30	80	01	--	1	21 ... 33 83 ... 150 175 ... 280	5	3RT2037-1SB30 3RT2037-1SF30 3RT2037-1SP30	5	3RT2037-3SB30 3RT2037-3SF30 3RT2037-3SP30
80	37	90	01	--	1	21 ... 33 83 ... 150 175 ... 280	5	3RT2038-1SB30 3RT2038-1SF30 3RT2038-1SP30	5	3RT2038-3SB30 3RT2038-3SF30 3RT2038-3SP30

For screw fixing and snap-on mounting onto TH 35-15 and TH 75-15 standard mounting rails

Size S3

With integrated coil circuit

(varistor integrated in electronics at the factory)

80	37	125	01	--	1	21 ... 33 83 ... 150 175 ... 280	5	3RT2045-1SB30 3RT2045-1SF30 3RT2045-1SP30	5	3RT2045-3SB30 3RT2045-3SF30 3RT2045-3SP30
95	45	130	01	--	1	21 ... 33 83 ... 150 175 ... 280	5	3RT2046-1SB30 3RT2046-1SF30 3RT2046-1SP30	5	3RT2046-3SB30 3RT2046-3SF30 3RT2046-3SP30
110	55	130	01	--	1	21 ... 33 83 ... 150 175 ... 280	5	3RT2047-1SB30 3RT2047-1SF30 3RT2047-1SP30	5	3RT2047-3SB30 3RT2047-3SF30 3RT2047-3SP30

Accessories and spare parts, see pages 3/77 to 3/126.

Switching devices – Contactors and contactor assemblies – for switching motors

Power contactors for switching motors

IE3/IE4 ready

SIRIUS 3RT contactors, 3-pole up to 250 kW

AC/DC operation

- Extended operating range of the solenoid coil 0.8 to 1.1 x U_s
- Reduced power consumption when closing and in the closed state

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



3RT204.-1N.30



3RT204.-3N.30







3RT204.-1N.34



3RT204.-1NB34-3MA0



3RT204.-3NB34-3MA0

Rated data		Auxiliary contacts		Rated control supply voltage U_s	SD	Screw terminals 		SD	Spring-loaded terminals 		
AC-2 and AC-3, t_{ij} : 60 °C	Operational current I_e up to 400 V	Ratings of three-phase motors at 50 Hz and 400 V	AC-1, t_{ij} : 40 °C	Operational current I_e up to 690 V	Ident. No.	Version	50/60 Hz AC or DC	Article No.	Price per PU	Article No.	Price per PU
A	kW	A						V	d		d

For screw fixing and snap-on mounting onto TH 35-15 and TH 75-15 standard mounting rails

Size S3

With integrated coil circuit (varistor integrated in electronics at the factory)

80	37	125	11	1	1	20 ... 33	▶	3RT2045-1NB30	2	3RT2045-3NB30
						83 ... 155	2	3RT2045-1NF30	5	3RT2045-3NF30
						175 ... 280	5	3RT2045-1NP30	5	3RT2045-3NP30
95	45	130	11	1	1	20 ... 33	▶	3RT2046-1NB30	2	3RT2046-3NB30
						83 ... 155	5	3RT2046-1NF30	5	3RT2046-3NF30
						175 ... 280	5	3RT2046-1NP30	5	3RT2046-3NP30
110	55	130	11	1	1	20 ... 33	▶	3RT2047-1NB30	2	3RT2047-3NB30
						83 ... 155	5	3RT2047-1NF30	5	3RT2047-3NF30
						175 ... 280	5	3RT2047-1NP30	5	3RT2047-3NP30

With removable auxiliary switch and integrated coil circuit (varistor integrated in electronics at the factory)

80	37	125	22	2	2	20 ... 33	5	3RT2045-1NB34		--
						83 ... 155	5	3RT2045-1NF34		--
						175 ... 280	5	3RT2045-1NP34		--
95	45	130	22	2	2	20 ... 33	2	3RT2046-1NB34		--
						83 ... 155	5	3RT2046-1NF34		--
						175 ... 280	5	3RT2046-1NP34		--
110	55	130	22	2	2	20 ... 33	5	3RT2047-1NB34		--
						83 ... 155	5	3RT2047-1NF34		--
						175 ... 280	5	3RT2047-1NP34		--

With permanently mounted auxiliary switch and integrated coil circuit (varistor integrated in electronics at the factory)

80	37	125	22	2	2	20 ... 33	5	3RT2045-1NB34-3MA0	5	3RT2045-3NB34-3MA0
95	45	130	22	2	2	20 ... 33	5	3RT2046-1NB34-3MA0	5	3RT2046-3NB34-3MA0
110	55	130	22	2	2	20 ... 33	5	3RT2047-1NB34-3MA0	5	3RT2047-3NB34-3MA0

With voltage tap-off and integrated coil circuit (varistor integrated in electronics at the factory)

80	37	125	11	1	1	20 ... 33	5	3RT2045-1NB30-0CC0	10	3RT2045-3NB30-0CC0
95	45	130	11	1	1	20 ... 33	5	3RT2046-1NB30-0CC0	5	3RT2046-3NB30-0CC0
110	55	130	11	1	1	20 ... 33	5	3RT2047-1NB30-0CC0	5	3RT2047-3NB30-0CC0

Other voltages according to page 3/75 on request.

Accessories and spare parts, see pages 3/77 to 3/126.

Switching devices – Contactors and contactor assemblies – for switching motors

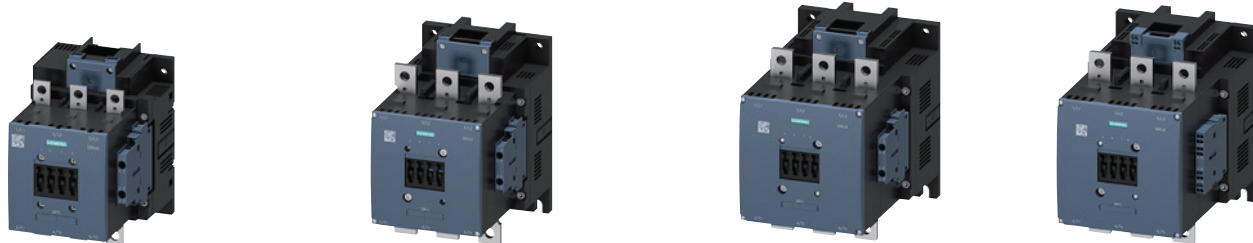
Power contactors for switching motors

SIRIUS 3RT contactors, 3-pole up to 250 kW **IE3/IE4 ready**

AC/DC operation

- Standard operating mechanism 3RT10...-A
- For screw fixing
- Auxiliary and control conductors: Screw or spring-loaded terminals
- Main conductors: Busbar connections; a connection kit with screws, spring washers and nuts is enclosed.

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





3RT105.-6A.36

3RT106.-6A.36

3RT107.-6A.36

3RT107.-2A.36

Size	Rated data		Operational current I_e up to	Ratings of three-phase motors at 50 Hz and		Operational current I_e up to	Auxiliary contacts, lateral		Rated control supply voltage U_s	SD	Screw terminals 		SD	Spring-loaded terminals 	
	AC-2 and AC-3, t_i : 60 °C	AC-1, t_i : 40 °C		500 V	400 V		500 V	690 V			690 V	Version		50/60 Hz AC or DC	Article No.
			A	kW	kW	kW	A	NO	NC	V	d		d		

Standard operating mechanism with economy circuit for AC and DC operation (switchover from closing coil to holding coil)

With integrated coil circuit (varistor integrated at the factory)															
S6	115	55	75	110	160	2	2	110 ... 127 220 ... 240	▶	3RT1054-6AF36 3RT1054-6AP36	5 5	3RT1054-2AF36 3RT1054-2AP36			
	150	75	90	132	185	2	2	110 ... 127 220 ... 240	▶	3RT1055-6AF36 3RT1055-6AP36	5 ▶	3RT1055-2AF36 3RT1055-2AP36			
	185	90¹⁾	110	160	215	2	2	110 ... 127 220 ... 240	▶	3RT1056-6AF36 3RT1056-6AP36	5 ▶	3RT1056-2AF36 3RT1056-2AP36			
S10	225	110	160	200	275	2	2	110 ... 127 220 ... 240	▶	3RT1064-6AF36 3RT1064-6AP36	5 ▶	3RT1064-2AF36 3RT1064-2AP36			
	265	132	160	250	330	2	2	110 ... 127 220 ... 240	▶	3RT1065-6AF36 3RT1065-6AP36	5 ▶	3RT1065-2AF36 3RT1065-2AP36			
	300	160¹⁾	200	250	330	2	2	110 ... 127 220 ... 240	▶	3RT1066-6AF36 3RT1066-6AP36	5 5	3RT1066-2AF36 3RT1066-2AP36			
S12	400	200	250	400	430	2	2	110 ... 127 220 ... 240	▶	3RT1075-6AF36 3RT1075-6AP36	5 ▶	3RT1075-2AF36 3RT1075-2AP36			
	500	250¹⁾	355	400	610	2	2	110 ... 127 220 ... 240	▶	3RT1076-6AF36 3RT1076-6AP36	5 5	3RT1076-2AF36 3RT1076-2AP36			

¹⁾ When using 3RT10.6-**A**... contactors with IE3/IE4 motors from 8.5 times the starting current, use the versions with solid-state operating mechanism 3RT10.6-**N**... see page 3/74.
For more information about dimensioning and configuring, see page 3/7.

Other voltages according to page 3/76 on request.

Accessories and spare parts, see pages 3/77 to 3/126.

Switching devices – Contactors and contactor assemblies – for switching motors

Power contactors for switching motors



IE3/IE4 ready SIRIUS 3RT contactors, 3-pole up to 250 kW

AC/DC operation

- Solid-state operating mechanism with fail-safe control input for safety-related applications to SIL CL 3
- 24 V DC control signal input, e.g. for control via the fail-safe output module of a controller (F-PLC) or safety relay
- Attainable Safety Integrity Level (SIL):
 - With one contactor: SIL CL 2 acc. to IEC 62061 or PL c acc. to ISO 13849-1
 - With two contactors in series: SIL CL 3 acc. to IEC 62061 or PL e acc. to ISO 13849-1
- Version with removable lateral auxiliary switches or permanently mounted auxiliary switches
- For screw fixing
- Auxiliary and control conductors: Screw terminals
- Main conductors: Busbar connections; a connection kit with screws, spring washers and nuts is enclosed.

For more information on safety systems, see page 11/1 onwards.



Size	Rated data according to IEC 60947-4-1 AC-3, t_{ij} : 60 °C Operational current I_e up to	Auxiliary contacts, lateral Version 	Rated control supply voltage U_s 50/60 Hz AC or DC	SD	Screw terminals 	PU (UNIT, SET, M)	PS*	PG
3RT105.-6S.36	500 V A	400 V kW	V	d	Article No.	Price per PU		

Solid-state operating mechanism

With two removable laterally mounted auxiliary switches

With integrated coil circuit (varistor integrated in electronics at the factory)

S6	115	55	2	2	96 ... 127 200 ... 277	5	3RT1054-6SF36 3RT1054-6SP36	1 1	1 unit 1 unit	41B 41B
	150	75	2	2	96 ... 127 200 ... 277	5	3RT1055-6SF36 3RT1055-6SP36	1 1	1 unit 1 unit	41B 41B
	185	90	2	2	96 ... 127 200 ... 277	5	3RT1056-6SF36 3RT1056-6SP36	1 1	1 unit 1 unit	41B 41B
S10	225	110	2	2	96 ... 127 200 ... 277	5	3RT1064-6SF36 3RT1064-6SP36	1 1	1 unit 1 unit	41B 41B
	265	132	2	2	96 ... 127 200 ... 277	5	3RT1065-6SF36 3RT1065-6SP36	1 1	1 unit 1 unit	41B 41B
	300	160	2	2	96 ... 127 200 ... 277	5	3RT1066-6SF36 3RT1066-6SP36	1 1	1 unit 1 unit	41B 41B
S12	400	200	2	2	96 ... 127 200 ... 277	5	3RT1075-6SF36 3RT1075-6SP36	1 1	1 unit 1 unit	41B 41B
	500	250	2	2	96 ... 127 200 ... 277	5	3RT1076-6SF36 3RT1076-6SP36	1 1	1 unit 1 unit	41B 41B

With two permanently laterally mounted auxiliary switches

With integrated coil circuit (varistor integrated in electronics at the factory)

S6	115	55	2	2	96 ... 127 200 ... 277	5	3RT1054-6SF36-3PA0 3RT1054-6SP36-3PA0	1 1	1 unit 1 unit	41B 41B
	150	75	2	2	96 ... 127 200 ... 277	5	3RT1055-6SF36-3PA0 3RT1055-6SP36-3PA0	1 1	1 unit 1 unit	41B 41B
	185	90	2	2	96 ... 127 200 ... 277	5	3RT1056-6SF36-3PA0 3RT1056-6SP36-3PA0	1 1	1 unit 1 unit	41B 41B
S10	225	110	2	2	96 ... 127 200 ... 277	5	3RT1064-6SF36-3PA0 3RT1064-6SP36-3PA0	1 1	1 unit 1 unit	41B 41B
	265	132	2	2	96 ... 127 200 ... 277	5	3RT1065-6SF36-3PA0 3RT1065-6SP36-3PA0	1 1	1 unit 1 unit	41B 41B
	300	160	2	2	96 ... 127 200 ... 277	5	3RT1066-6SF36-3PA0 3RT1066-6SP36-3PA0	1 1	1 unit 1 unit	41B 41B
S12	400	200	2	2	96 ... 127 200 ... 277	5	3RT1075-6SF36-3PA0 3RT1075-6SP36-3PA0	1 1	1 unit 1 unit	41B 41B
	500	250	2	2	96 ... 127 200 ... 277	5	3RT1076-6SF36-3PA0 3RT1076-6SP36-3PA0	1 1	1 unit 1 unit	41B 41B

Accessories and spare parts, see pages 3/77 to 3/126.

Switching devices – Contactors and contactor assemblies – for switching motors

Power contactors for switching motors

SIRIUS 3RT contactors, 3-pole up to 250 kW **IE3/IE4 ready**

AC/DC operation

- Solid-state operating mechanism
 - 3RT10...-N with 24 V DC control signal input
 - 3RT10...-P with 24 V DC control signal input and with remaining lifetime indicator (RLT)
- For screw fixing
- Auxiliary and control conductors: Screw or spring-loaded terminals
- Main conductors: Busbar connections; a connection kit with screws, spring washers and nuts is enclosed.

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



3RT105-6N.36



3RT106-2N.36





3RT107-6N.36



3RT107-6P.35



3RT107-2N.36

Size	Rated data				AC-1, t_{ij} : 40 °C	Auxiliary contacts, lateral	Rated control supply voltage U_s	SD	Screw terminals 		Spring-loaded terminals 	
	AC-2 and AC-3, t_{ij} : 60 °C	Ratings of three-phase motors at 50 Hz and up to							Version	50/60 Hz AC or DC	Article No.	Price per PU
	Operational current I_e up to	400 V	500 V	690 V	Operational current I_e up to							
		kW	kW	kW								
	500 V				690 V							
	A				A							
						NO NC V						

Solid-state operating mechanism

With 24 V DC control signal input
 e.g. for control by PLC

With integrated coil circuit (varistor integrated in electronics at the factory)

S6	115	55	75	110	160	2	2	96 ... 127 200 ... 277	5	3RT1054-6NF36 3RT1054-6NP36	5	3RT1054-2NF36 3RT1054-2NP36
	150	75	90	132	185	2	2	96 ... 127 200 ... 277	2	3RT1055-6NF36 3RT1055-6NP36	5	3RT1055-2NF36 3RT1055-2NP36
	185	90	110	160	215	2	2	96 ... 127 200 ... 277	5	3RT1056-6NF36 3RT1056-6NP36	5	3RT1056-2NF36 3RT1056-2NP36
S10	225	110	160	200	275	2	2	96 ... 127 200 ... 277	5	3RT1064-6NF36 3RT1064-6NP36	5	3RT1064-2NF36 3RT1064-2NP36
	265	132	160	250	330	2	2	96 ... 127 200 ... 277	2	3RT1065-6NF36 3RT1065-6NP36	5	3RT1065-2NF36 3RT1065-2NP36
	300	160	200	250	330	2	2	96 ... 127 200 ... 277	5	3RT1066-6NF36 3RT1066-6NP36	5	3RT1066-2NF36 3RT1066-2NP36
S12	400	200	250	400	430	2	2	96 ... 127 200 ... 277	2	3RT1075-6NF36 3RT1075-6NP36	5	3RT1075-2NF36 3RT1075-2NP36
	500	250	355	400	610	2	2	96 ... 127 200 ... 277	5	3RT1076-6NF36 3RT1076-6NP36	5	3RT1076-2NF36 3RT1076-2NP36

For 24 V DC control signal input · with remaining lifetime indicator (RLT)
 e.g. for control by PLC

With integrated coil circuit (varistor integrated in electronics at the factory)

S6	115	55	75	110	160	1	1	96 ... 127 200 ... 277	5	3RT1054-6PF35 3RT1054-6PP35		--
	150	75	90	132	185	1	1	96 ... 127 200 ... 277	5	3RT1055-6PF35 3RT1055-6PP35		--
	185	90	110	160	215	1	1	96 ... 127 200 ... 277	5	3RT1056-6PF35 3RT1056-6PP35		--
S10	225	110	160	200	275	1	1	96 ... 127 200 ... 277	5	3RT1064-6PF35 3RT1064-6PP35		--
	265	132	160	250	330	1	1	96 ... 127 200 ... 277	5	3RT1065-6PF35 3RT1065-6PP35		--
	300	160	200	250	330	1	1	96 ... 127 200 ... 277	5	3RT1066-6PF35 3RT1066-6PP35		--
S12	400	200	250	400	430	1	1	96 ... 127 200 ... 277	5	3RT1075-6PF35 3RT1075-6PP35		--
	500	250	355	400	610	1	1	96 ... 127 200 ... 277	20	3RT1076-6PF35 3RT1076-6PP35		--

Other voltages according to page 3/76 on request.

Accessories and spare parts, see pages 3/77 to 3/126.

Switching devices – Contactors and contactor assemblies – for switching motors

Power contactors for switching motors

SIRIUS 3RT contactors, 3-pole up to 250 kW

Options

Rated control supply voltages for 3RT20 contactors, possible on request (change of the 10th and 11th digits of the Article No.)

Delivery time on request

Rated control supply voltage U_s	Contactor type	3RT201, 3RH2 Size S00	3RT202 S0	3RT203 S2	3RT204 S3
Sizes S00 to S3					
AC operation¹⁾					
Solenoid coils for 50 Hz (exception: size S00: 50 and 60 Hz ²⁾)					
24 V AC		B0	B0	B0	B0
42 V AC		D0	D0	D0	D0
48 V AC		H0	H0	H0	H0
110 V AC		F0	F0	F0	F0
230 V AC		P0	P0	P0	P0
240 V AC		U0	U0	U0	U0
400 V AC		V0	V0	V0	V0
Solenoid coils for 50 and 60 Hz²⁾					
24 V AC		B0	C2	C2	C2
42 V AC		D0	D2	D2	D2
48 V AC		H0	H2	H2	H2
110 V AC		F0	G2	G2	G2
220 V AC		N2	N2	N2	N2
230 V AC		P0	L2	L2	L2
Solenoid coils (for USA and Canada³⁾)					
50 Hz					
110 V AC	120 V AC	K6	K6	K6	K6
220 V AC	240 V AC	P6	P6	P6	P6
60 Hz					
Solenoid coils (for Japan)					
50/60 Hz⁴⁾					
60 Hz⁵⁾					
100 V AC	110 V AC	G6	G6	G6	G6
200 V AC	220 V AC	N6	N6	N6	N6
400 V AC	440 V AC	R6	R6	R6	R6
DC operation¹⁾					
12 V DC		A4	A4	--	--
24 V DC		B4	B4	--	--
42 V DC		D4	D4	--	--
48 V DC		W4	W4	--	--
60 V DC		E4	E4	--	--
110 V DC		F4	F4	--	--
125 V DC		G4	G4	--	--
220 V DC		M4	M4	--	--
230 V DC		P4	P4	--	--

Examples

AC operation	3RT2023-1A P 00	Contactor with screw terminals; with solenoid coil for 50 Hz for rated control supply voltage 230 V AC.
	3RT2023-1A G 20	Contactor with screw terminals; with solenoid coil for 50/60 Hz for rated control supply voltage 110 V AC.
DC operation	3RT2025-2B B 40	Contactor with spring-loaded terminals; for rated control supply voltage 24 V DC.
	3RT2025-2B G 40	Contactor with spring-loaded terminals; for rated control supply voltage 125 V DC.

¹⁾ For deviating coil voltages and operating ranges of sizes S00 and S0, a SITOP 24 V DC power supply with wide-range input can be used for the coil control, see page 15/1 and Catalog KT 10.1.

²⁾ Coil operating range
- At 50 Hz: 0.8 to 1.1 x U_s ,
- At 60 Hz: 0.85 to 1.1 x U_s .

³⁾ Coil operating range
- Size S00:
At 50 Hz: 0.85 to 1.1 x U_s ,
At 60 Hz: 0.8 to 1.1 x U_s ,
- Sizes S0 to S3: At 50 Hz and 60 Hz: 0.8 to 1.1 x U_s .

⁴⁾ Coil operating range

- Size S00:
At 50/60 Hz: 0.85 to 1.1 x U_s ,

- Size S0:
At 50 Hz: 0.8 to 1.1 x U_s ,
At 60 Hz: 0.85 to 1.1 x U_s ,

⁵⁾ Coil operating range at 60 Hz: 0.8 to 1.1 x U_s .

Rated control supply voltage	Contactor type	3RT202.-N Size S0	Rated control supply voltage	Contactor type	3RT203.-N Size S2	3RT204.-N S3
$U_{s \min}$ to $U_{s \max}$ ¹⁾			$U_{s \min}$ to $U_{s \max}$ ¹⁾			
Sizes S00 to S3						
AC/DC operation (50/60 Hz AC or DC)						
21 ... 28 V AC/DC		B3	20 ... 33 V AC/DC		B3	B3
95 ... 130 V AC/DC		F3	48 ... 80 V AC/DC		E3	E3
200 ... 280 V AC/DC ²⁾		P3	83 ... 155 V AC/DC		F3	F3
			175 ... 280 V AC/DC		P3	P3

¹⁾ Coil operating range
- Size S0: 0.7 x $U_{s \min}$ to 1.3 x $U_{s \max}$
- Sizes S2 and S3: 0.8 x $U_{s \min}$ to 1.1 x $U_{s \max}$

²⁾ The following applies to S0 and $U_{s \max} = 280$ V: Upper limit = 1.1 x $U_{s \max}$