

Switching devices – Contactors and contactor assemblies – for switching motors

Power contactors for switching motors

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

Type Size	Contactors							
	3RT1054 S6	3RT1055	3RT1056	3RT1064 S10	3RT1065	3RT1066	3RT1075 S12	3RT1076
Ⓢ 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		For more information, see Certificate of Compliance for the individual devices . For the dimensioning of load feeders, see Configuration Manual .						

Type Size	Contactors			
	3RT201 S00	3RT202 to 3RT204 S0 to S3	Mountable auxiliary switch	3RT105 to 3RT107 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		

Switching devices – Contactors and contactor assemblies – for switching motors

Power contactors for switching motors

AC-3e

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
AC-3 and AC-3e, t_f : 60 °C		AC-1, t_f : 40 °C		50/60 Hz AC
Operational current I_e up to 400 V	Ratings of three-phase motors at 50 Hz and 400 V	Ident. No.	Version	
A	kW	A	NO NC V	

Screw terminals 	
Article No.	Price per PU

Spring-loaded terminals 	
Article No.	Price per PU

For screw fixing and snap-on mounting on TH 35 DIN 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	3RT2015-1AP04-3MA0	3RT2015-2AP04-3MA0
9	4	22	22	2	2	230	3RT2016-1AP04-3MA0	3RT2016-2AP04-3MA0
12	5.5	22	22	2	2	230	3RT2017-1AP04-3MA0	3RT2017-2AP04-3MA0
16	7.5	22	22	2	2	230	3RT2018-1AP04-3MA0	3RT2018-2AP04-3MA0
With permanently mounted auxiliary switch and varistor plugged into the front								
7	3	18	22	2	2	230	3RT2015-1CP04-3MA0	3RT2015-2CP04-3MA0
9	4	22	22	2	2	230	3RT2016-1CP04-3MA0	3RT2016-2CP04-3MA0
12	5.5	22	22	2	2	230	3RT2017-1CP04-3MA0	3RT2017-2CP04-3MA0
16	7.5	22	22	2	2	230	3RT2018-1CP04-3MA0	3RT2018-2CP04-3MA0

Other voltages according to page 3/67 on request.

Accessories and spare parts, see pages 3/69 to 3/119.

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Power contactors for switching motors

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

AC operation

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





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3RT202.-1A.00



3RT202.-2A.00

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

For screw fixing and snap-on mounting on TH 35 DIN rail

Size S0

Size	kW	Operational current I_e (A)	Ident. No.	Version	Rated control supply voltage U_s (V)	Screw terminals	Spring-loaded terminals
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	3RT2024-2AB00 3RT2024-2AF00 3RT2024-2AP00
17	7.5	40	11	1 1	24 110 230	3RT2025-1AB00 3RT2025-1AF00 3RT2025-1AP00	3RT2025-2AB00 3RT2025-2AF00 3RT2025-2AP00
25	11	40	11	1 1	24 110 230	3RT2026-1AB00 3RT2026-1AF00 3RT2026-1AP00	3RT2026-2AB00 3RT2026-2AF00 3RT2026-2AP00
32	15	50	11	1 1	24 110 230	3RT2027-1AB00 3RT2027-1AF00 3RT2027-1AP00	3RT2027-2AB00 3RT2027-2AF00 3RT2027-2AP00
38	18.5	50	11	1 1	24 110 230	3RT2028-1AB00 3RT2028-1AF00 3RT2028-1AP00	3RT2028-2AB00 3RT2028-2AF00 3RT2028-2AP00

Other voltages according to page 3/67 on request.

Accessories and spare parts, see pages 3/69 to 3/119.

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Power contactors for switching motors

AC-3e

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 U_s	
AC-3 and AC-3e, t_d : 60 °C	AC-1, t_d : 40 °C	Ident. No.	Version	50 Hz AC	
Operational current I_e up to 400 V	Operational current I_e up to 690 V	 NO NC V			
Ratings of three-phase motors at 50 Hz and 400 V					
A	kW	A			

Screw terminals 		Spring-loaded terminals 	
Article No.	Price per PU	Article No.	Price per PU

For screw fixing and snap-on mounting on TH 35 DIN rail

Size S0

With removable auxiliary switch

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

With permanently mounted auxiliary switch and varistor plugged in

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

Other voltages according to page 3/67 on request.

Accessories and spare parts, see pages 3/69 to 3/119.

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

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



3RT203-1A.00



3RT203-3A.00






3RT203-1A.04



3RT203-3CL24-3MA0



3RT203-1CL24-3MA0

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

For screw fixing and snap-on mounting on TH 35 DIN rail**Size S2**

41	18.5	60	11	1	1	24 110 230	3RT2035-1AB00 3RT2035-1AF00 3RT2035-1AP00	3RT2035-3AB00 3RT2035-3AF00 3RT2035-3AP00	
51	22	70	11	1	1	24 110 230	3RT2036-1AB00 3RT2036-1AF00 3RT2036-1AP00	3RT2036-3AB00 3RT2036-3AF00 3RT2036-3AP00	
65	30	80	11	1	1	24 110 230	3RT2037-1AB00 3RT2037-1AF00 3RT2037-1AP00	3RT2037-3AB00 3RT2037-3AF00 3RT2037-3AP00	
80	37	90	11	1	1	24 110 230	3RT2038-1AB00 3RT2038-1AF00 3RT2038-1AP00	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	-- -- --	
51	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	3RT2035-1CL24-3MA0	3RT2035-3CL24-3MA0	
51	22	70	22	2	2	230	3RT2036-1CL24-3MA0	3RT2036-3CL24-3MA0	
65	30	80	22	2	2	230	3RT2037-1CL24-3MA0	3RT2037-3CL24-3MA0	
80	37	90	22	2	2	230	3RT2038-1CL24-3MA0	3RT2038-3CL24-3MA0	

Other voltages [according to page 3/67](#) on request.Accessories and spare parts, [see pages 3/69 to 3/119](#).

Switching devices – Contactors and contactor assemblies – for switching motors

Power contactors for switching motors

AC-3e

IE3/IE4 ready

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

AC operation 

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



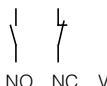


3RT204.-1A.00

3RT204.-1A.04

3RT204.-1CL24-3MA0

3RT204.-3A.00

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

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

Size S3

80	37	125	11	1	1	24 110 230	3RT2045-1AB00 3RT2045-1AF00 3RT2045-1AP00	3RT2045-3AB00 3RT2045-3AF00 3RT2045-3AP00	
95	45	130	11	1	1	24 110 230	3RT2046-1AB00 3RT2046-1AF00 3RT2046-1AP00	3RT2046-3AB00 3RT2046-3AF00 3RT2046-3AP00	
110	55	130	11	1	1	24 110 230	3RT2047-1AB00 3RT2047-1AF00 3RT2047-1AP00	3RT2047-3AB00 3RT2047-3AF00 3RT2047-3AP00	
With removable auxiliary switch									
80	37	125	22	2	2	24 110 230	3RT2045-1AB04 3RT2045-1AF04 3RT2045-1AP04	-- -- --	
95	45	130	22	2	2	24 110 230	3RT2046-1AB04 3RT2046-1AF04 3RT2046-1AP04	-- -- --	
110	55	130	22	2	2	24 110 230	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	3RT2045-1CL24-3MA0	--	
95	45	130	22	2	2	230	3RT2046-1CL24-3MA0	--	
110	55	130	22	2	2	230	3RT2047-1CL24-3MA0	--	

Other voltages according to page 3/67 on request.

Accessories and spare parts, see pages 3/69 to 3/119.



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-3e
DC operation

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



3RT201.-1B...



3RT201.-2B...

Rated data		Auxiliary contacts	Rated control supply voltage	
AC-3 and AC-3e, t_U : 60 °C		AC-1, t_U : 40 °C	U_s	
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
A	kW	A	NO	NC
				V
				DC

Screw terminals		Spring-loaded terminals	
Article No.	Price per PU	Article No.	Price per PU

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

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

Other voltages according to page 3/67 on request.

Accessories and spare parts, see pages 3/69 to 3/119.

Switching devices – Contactors and contactor assemblies – for switching motors

Power contactors for switching motors

AC-3e

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






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3RT201.-1BB4.-0CC0



3RT201.-2BB4.-0CC0

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

For screw fixing and snap-on mounting on TH 35 DIN rail

Size S00

With permanently mounted auxiliary switch

7	3	18	22	2	2	24
9	4	22	22	2	2	24
12	5.5	22	22	2	2	24
16	7.5	22	22	2	2	24

3RT2015-1BB44-3MA0

3RT2015-2BB44-3MA0

3RT2016-1BB44-3MA0

3RT2016-2BB44-3MA0

3RT2017-1BB44-3MA0

3RT2017-2BB44-3MA0

3RT2018-1BB44-3MA0

3RT2018-2BB44-3MA0

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

7	3	18	22	2	2	24
9	4	22	22	2	2	24
12	5.5	22	22	2	2	24
16	7.5	22	22	2	2	24

3RT2015-1FB44-3MA0

3RT2015-2FB44-3MA0

3RT2016-1FB44-3MA0

3RT2016-2FB44-3MA0

3RT2017-1FB44-3MA0

3RT2017-2FB44-3MA0

3RT2018-1FB44-3MA0

3RT2018-2FB44-3MA0

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

7	3	18	10	1	--	24
			01	--	1	24
9	4	22	10	1	--	24
			01	--	1	24
12	5.5	22	10	1	--	24
			01	--	1	24
16	7.5	22	10	1	--	24
			01	--	1	24

3RT2015-1BB41-0CC0

3RT2015-2BB41-0CC0

3RT2015-1BB42-0CC0

3RT2015-2BB42-0CC0

3RT2016-1BB41-0CC0

3RT2016-2BB41-0CC0

3RT2016-1BB42-0CC0

3RT2016-2BB42-0CC0

3RT2017-1BB41-0CC0

3RT2017-2BB41-0CC0

3RT2017-1BB42-0CC0

3RT2017-2BB42-0CC0

3RT2018-1BB41-0CC0

3RT2018-2BB41-0CC0

3RT2018-1BB42-0CC0

3RT2018-2BB42-0CC0

Other voltages according to page 3/67 on request.

Accessories and spare parts, see pages 3/69 to 3/119.

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-3e**

DC operation for direct control by PLC

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

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



3



3RT201-1.B4.



3RT201-2.B4.

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

For screw fixing and snap-on mounting on TH 35 DIN 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	3RT2015-1HB41	3RT2015-2HB41
			01	--	1	24	3RT2015-1HB42	3RT2015-2HB42
9	4	22	10	1	--	24	3RT2016-1HB41	3RT2016-2HB41
			01	--	1	24	3RT2016-1HB42	3RT2016-2HB42
12	5.5	22	10	1	--	24	3RT2017-1HB41	3RT2017-2HB41
			01	--	1	24	3RT2017-1HB42	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	3RT2015-1MB41-OKT0	3RT2015-2MB41-OKT0
			01	--	1	24	3RT2015-1MB42-OKT0	3RT2015-2MB42-OKT0
9	4	22	10	1	--	24	3RT2016-1MB41-OKT0	3RT2016-2MB41-OKT0
			01	--	1	24	3RT2016-1MB42-OKT0	3RT2016-2MB42-OKT0
12	5.5	22	10	1	--	24	3RT2017-1MB41-OKT0	3RT2017-2MB41-OKT0
			01	--	1	24	3RT2017-1MB42-OKT0	3RT2017-2MB42-OKT0

With integrated coil circuit (diode integrated at factory)

(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	3RT2015-1JB41	3RT2015-2JB41
			01	--	1	24	3RT2015-1JB42	3RT2015-2JB42
9	4	22	10	1	--	24	3RT2016-1JB41	3RT2016-2JB41
			01	--	1	24	3RT2016-1JB42	3RT2016-2JB42
12	5.5	22	10	1	--	24	3RT2017-1JB41	3RT2017-2JB41
			01	--	1	24	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	3RT2015-1VB41	3RT2015-2VB41
			01	--	1	24	3RT2015-1VB42	3RT2015-2VB42
9	4	22	10	1	--	24	3RT2016-1VB41	3RT2016-2VB41
			01	--	1	24	3RT2016-1VB42	3RT2016-2VB42
12	5.5	22	10	1	--	24	3RT2017-1VB41	3RT2017-2VB41
			01	--	1	24	3RT2017-1VB42	3RT2017-2VB42

Other voltages [according to page 3/67](#) on request.

Accessories and spare parts, [see pages 3/69 to 3/119](#).

Switching devices – Contactors and contactor assemblies – for switching motors

Power contactors for switching motors

AC-3e

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 solid-state 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
AC-3 and AC-3e, t_f : 60 °C	AC-1, t_f : 40 °C	Ident. No.	U_s
Operational current I_e up to 400 V	Operational current I_e up to 690 V	Version	DC
Ratings of three-phase motors at 50 Hz and 400 V		NO NC V	
A	A		
kW			

Screw terminals		Spring-loaded terminals	
Article No.	Price per PU	Article No.	Price per PU

For screw fixing and snap-on mounting on TH 35 DIN rail

Size S00

With integrated coil circuit (suppressor diode integrated at factory)

(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

Operating range	Rated current	Rated power	Ident. No.	Version	Price per PU
7	3	18	10 01	1 --	24
9	4	22	10 01	1 --	24
12	5.5	22	10 01	1 --	24

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

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

Operating range	Rated current	Rated power	Ident. No.	Version	Price per PU
7	3	18	10 01	1 --	24
9	4	22	10 01	1 --	24
12	5.5	22	10 01	1 --	24

Article No.	Price per PU	Article No.	Price per PU
3RT2015-1KB41		3RT2015-2KB41	
3RT2015-1KB42		3RT2015-2KB42	
3RT2016-1KB41		3RT2016-2KB41	
3RT2016-1KB42		3RT2016-2KB42	
3RT2017-1KB41		3RT2017-2KB41	
3RT2017-1KB42		3RT2017-2KB42	
3RT2015-1SB41		3RT2015-2SB41	
3RT2015-1SB42		3RT2015-2SB42	
3RT2016-1SB41		3RT2016-2SB41	
3RT2016-1SB42		3RT2016-2SB42	
3RT2017-1SB41		3RT2017-2SB41	
3RT2017-1SB42		3RT2017-2SB42	

Other voltages according to page 3/67 on request.

Accessories and spare parts, see pages 3/69 to 3/119.

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-3e**

DC operation

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

3



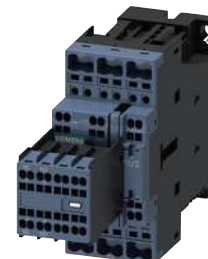
3RT202-1B.40







3RT202-2B.40



3RT202-1B.44



3RT202-2B.44

Rated data		Auxiliary contacts	Rated control supply voltage U_s	Screw terminals 	Spring-loaded terminals 
AC-3 and AC-3e, t_d : 60 °C		AC-1, t_d : 40 °C	DC	Article No.	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	Ident. No.	Price per PU	Price per PU
A	kW	A	  NO NC V		

For screw fixing and snap-on mounting on TH 35 DIN 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 3/67 on request.

Accessories and spare parts, see pages 3/69 to 3/119.

Switching devices – Contactors and contactor assemblies – for switching motors

Power contactors for switching motors

AC-3e

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	Screw terminals 	Spring-loaded terminals 
AC-3 and AC-3e, t_i : 60 °C	AC-1, t_i : 40 °C	Ident. No.	DC	Article No.	Article No.
Operational current I_e up to 400 V	Operational current I_e up to 690 V	Version		Price per PU	Price per PU
Ratings of three-phase motors at 50 Hz and 400 V		NO NC V			
A	kW	A			

For screw fixing and snap-on mounting on TH 35 DIN 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
17	7.5	40	22	2	2	24
25	11	40	22	2	2	24
32	15	50	22	2	2	24

3RT2024-1DB44-3MA0
3RT2025-1DB44-3MA0
3RT2026-1DB44-3MA0
3RT2027-1DB44-3MA0

3RT2024-2DB44-3MA0
3RT2025-2DB44-3MA0
3RT2026-2DB44-3MA0
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
12	5.5	40	22	2	2	24
17	7.5	40	22	2	2	24
25	11	40	22	2	2	24
32	15	50	22	2	2	24
38	18.5	50	22	2	2	24

3RT2023-1FB44-3MA0
3RT2024-1FB44-3MA0
3RT2025-1FB44-3MA0
3RT2026-1FB44-3MA0
3RT2027-1FB44-3MA0
3RT2028-1FB44-3MA0

3RT2023-2FB44-3MA0
3RT2024-2FB44-3MA0
3RT2025-2FB44-3MA0
3RT2026-2FB44-3MA0
3RT2027-2FB44-3MA0
3RT2028-2FB44-3MA0

With voltage tap-off

9	4	40	11	1	1	24
12	5.5	40	11	1	1	24
17	7.5	40	11	1	1	24
25	11	40	11	1	1	24
32	15	50	11	1	1	24
38	18.5	50	11	1	1	24

3RT2023-1BB40-0CC0
3RT2024-1BB40-0CC0
3RT2025-1BB40-0CC0
3RT2026-1BB40-0CC0
3RT2027-1BB40-0CC0
3RT2028-1BB40-0CC0

3RT2023-2BB40-0CC0
3RT2024-2BB40-0CC0
3RT2025-2BB40-0CC0
3RT2026-2BB40-0CC0
3RT2027-2BB40-0CC0
3RT2028-2BB40-0CC0

Other voltages according to page 3/67 on request.

Accessories and spare parts, see pages 3/69 to 3/119.

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-3e**

DC operation for direct control by PLC

- Coupling contactors with adapted power consumption
- Suitable for solid-state 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 AC-3 and AC-3e, t_{ij} : 60 °C Operational current I_e up to 400 V A	Ratings of three-phase motors at 50 Hz and 400 V kW	AC-1, t_{ij} : 40 °C Operational current I_e up to 690 V A	Auxiliary contacts		Rated control supply voltage U_s DC	Screw terminals 	Spring-loaded terminals 
			Ident. No.	Version			
				  NO NC V			

For screw fixing and snap-on mounting on TH 35 DIN 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	12	17	25	32			
4	5.5	7.5	11	15	40	11	1 1 24
					40	11	1 1 24
					40	11	1 1 24
					40	11	1 1 24
					50	11	1 1 24

Other voltages [according to page 3/67](#) on request.

Accessories and spare parts, [see pages 3/69 to 3/119](#).

Switching devices – Contactors and contactor assemblies – for switching motors

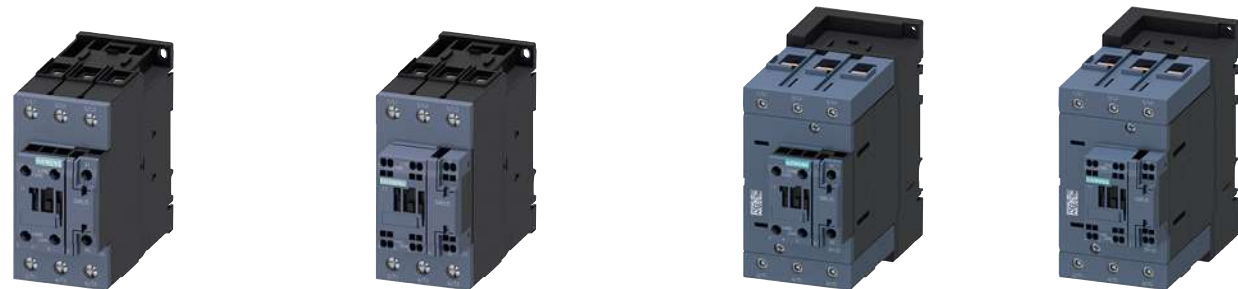
Power contactors for switching motors

AC-3e **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 solid-state 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	Screw terminals 		Spring-loaded terminals 	
AC-3 and AC-3e, 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	DC	Article No.	Price per PU	Article No.	Price per PU
	400 V							
A	kW	A						

For screw fixing and snap-on mounting on TH 35 DIN rail

Size S2

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

Operating range **0.8 ... 1.2 x 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
51	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 on TH 35-15 and TH 75-15 DIN rails

Size S3

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

Operating range **0.8 ... 1.2 x 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 3/67](#) on request.

Accessories and spare parts, [see pages 3/69 to 3/119](#).



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-3e**

AC/DC operation

- Extended operating range of the solenoid coil 0.7 to 1.3 x U_s
- Power consumption reduced from closing to closed

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	Screw terminals 		Spring-loaded terminals 		
AC-3 and AC-3e, t_{ij} : 60 °C		AC-1, t_{ij} : 40 °C	Ident. No.	Version	50/60 Hz AC or DC	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							
A	kW	A		NO	NC	V			

For screw fixing and snap-on mounting on TH 35 DIN rail

Size S0

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

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

Other voltages [according to page 3/67](#) on request.

Accessories and spare parts, [see pages 3/69 to 3/119](#).

Switching devices – Contactors and contactor assemblies – for switching motors





Power contactors for switching motors

AC-3e **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
- Power consumption reduced from closing to closed

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



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

For screw fixing and snap-on mounting on TH 35 DIN rail
Size S2
With integrated coil circuit (varistor integrated in electronics at the factory)

Article No.	Rated current I_e [A]	Rated voltage U_e [V]	Ident. No.	Version	Control voltage U_s [V]	3-pole screw terminal	3-pole spring terminal
41	18.5	60	11	1	20 ... 33 83 ... 155 175 ... 280	3RT2035-1NB30 3RT2035-1NF30 3RT2035-1NP30	3RT2035-3NB30 3RT2035-3NF30 3RT2035-3NP30
51	22	70	11	1	20 ... 33 83 ... 155 175 ... 280	3RT2036-1NB30 3RT2036-1NF30 3RT2036-1NP30	3RT2036-3NB30 3RT2036-3NF30 3RT2036-3NP30
65	30	80	11	1	20 ... 33 83 ... 155 175 ... 280	3RT2037-1NB30 3RT2037-1NF30 3RT2037-1NP30	3RT2037-3NB30 3RT2037-3NF30 3RT2037-3NP30
80	37	90	11	1	20 ... 33 83 ... 155 175 ... 280	3RT2038-1NB30 3RT2038-1NF30 3RT2038-1NP30	3RT2038-3NB30 3RT2038-3NF30 3RT2038-3NP30

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

Article No.	Rated current I_e [A]	Rated voltage U_e [V]	Ident. No.	Version	Control voltage U_s [V]	3-pole screw terminal	3-pole spring terminal
41	18.5	60	22	2	20 ... 33 83 ... 155 175 ... 280	3RT2035-1NB34 3RT2035-1NF34 3RT2035-1NP34	-- -- --
51	22	70	22	2	20 ... 33 83 ... 155 175 ... 280	3RT2036-1NB34 3RT2036-1NF34 3RT2036-1NP34	-- -- --
65	30	80	22	2	20 ... 33 83 ... 155 175 ... 280	3RT2037-1NB34 3RT2037-1NF34 3RT2037-1NP34	-- -- --
80	37	90	22	2	20 ... 33 83 ... 155 175 ... 280	3RT2038-1NB34 3RT2038-1NF34 3RT2038-1NP34	-- -- --

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

Article No.	Rated current I_e [A]	Rated voltage U_e [V]	Ident. No.	Version	Control voltage U_s [V]	3-pole screw terminal	3-pole spring terminal
41	18.5	60	22	2	20 ... 33	3RT2035-1NB34-3MA0	3RT2035-3NB34-3MA0
51	22	70	22	2	20 ... 33	3RT2036-1NB34-3MA0	3RT2036-3NB34-3MA0
65	30	80	22	2	20 ... 33	3RT2037-1NB34-3MA0	3RT2037-3NB34-3MA0
80	37	90	22	2	20 ... 33	3RT2038-1NB34-3MA0	3RT2038-3NB34-3MA0

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

Article No.	Rated current I_e [A]	Rated voltage U_e [V]	Ident. No.	Version	Control voltage U_s [V]	3-pole screw terminal	3-pole spring terminal
41	18.5	60	11	1	20 ... 33	3RT2035-1NB30-0CC0	3RT2035-3NB30-0CC0
51	22	70	11	1	20 ... 33	3RT2036-1NB30-0CC0	3RT2036-3NB30-0CC0
65	30	80	11	1	20 ... 33	3RT2037-1NB30-0CC0	3RT2037-3NB30-0CC0
80	37	90	11	1	20 ... 33	3RT2038-1NB30-0CC0	3RT2038-3NB30-0CC0

Other voltages according to page 3/67 on request.

Accessories and spare parts, see pages 3/69 to 3/119.

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-3e**

AC/DC operation

- Certified and fail-safe 24 V DC control input with max. 20 mA, e.g. for control via the fail-safe output module of a controller (F-PLC) or safety relay
- Achievable Safety Integrity Level (SIL) according to IEC 62061 and Performance Level (PL) according to ISO 13849-1 with corresponding fault diagnostics:
 - With one contactor: SIL 2/PL c
 - With two contactors in series: SIL 3/PL e
 - Fail-safe applications can be implemented using this contactor.
- Extended operating range of the solenoid coil 0.8 to 1.1 x U_s
- Power consumption reduced from closing to closed

For more information, see

- [Safety technology, page 11/1 onwards](#)
- [Guide of use for contactors in safety applications](#)

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

3



3RT203.-1S.30



3RT203.-3S.30



3RT204.-1S.30



3RT204.-3S.30

Rated data		Auxiliary contacts		Rated control supply voltage U _s	Screw terminals		Spring-loaded terminals		
AC-3 and AC-3e, t _i : 60 °C		AC-1, t _i : 40 °C			Ident. No.	Version	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		NO	NC				
A	kW	A							

For screw fixing and snap-on mounting on TH 35 DIN rail

Size S2

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

Article No.	Rated current I _e [A]	Rated power P _n [kW]	Rated voltage U _e [V]	Rated current I _e [A]	Rated power P _n [kW]	Rated voltage U _e [V]	Rated current I _e [A]	Rated power P _n [kW]	Rated voltage U _e [V]	Rated current I _e [A]	Rated power P _n [kW]	Rated voltage U _e [V]
41	18.5	60	01	--	1	21 ... 33 83 ... 150 175 ... 280	3RT2035-1SB30 3RT2035-1SF30 3RT2035-1SP30	3RT2035-3SB30 3RT2035-3SF30 3RT2035-3SP30				
51	22	70	01	--	1	21 ... 33 83 ... 150 175 ... 280	3RT2036-1SB30 3RT2036-1SF30 3RT2036-1SP30	3RT2036-3SB30 3RT2036-3SF30 3RT2036-3SP30				
65	30	80	01	--	1	21 ... 33 83 ... 150 175 ... 280	3RT2037-1SB30 3RT2037-1SF30 3RT2037-1SP30	3RT2037-3SB30 3RT2037-3SF30 3RT2037-3SP30				
80	37	90	01	--	1	21 ... 33 83 ... 150 175 ... 280	3RT2038-1SB30 3RT2038-1SF30 3RT2038-1SP30	3RT2038-3SB30 3RT2038-3SF30 3RT2038-3SP30				

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

Size S3

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

Article No.	Rated current I _e [A]	Rated power P _n [kW]	Rated voltage U _e [V]	Rated current I _e [A]	Rated power P _n [kW]	Rated voltage U _e [V]	Rated current I _e [A]	Rated power P _n [kW]	Rated voltage U _e [V]	Rated current I _e [A]	Rated power P _n [kW]	Rated voltage U _e [V]
80	37	125	01	--	1	21 ... 33 83 ... 150 175 ... 280	3RT2045-1SB30 3RT2045-1SF30 3RT2045-1SP30	3RT2045-3SB30 3RT2045-3SF30 3RT2045-3SP30				
95	45	130	01	--	1	21 ... 33 83 ... 150 175 ... 280	3RT2046-1SB30 3RT2046-1SF30 3RT2046-1SP30	3RT2046-3SB30 3RT2046-3SF30 3RT2046-3SP30				
110	55	130	01	--	1	21 ... 33 83 ... 150 175 ... 280	3RT2047-1SB30 3RT2047-1SF30 3RT2047-1SP30	3RT2047-3SB30 3RT2047-3SF30 3RT2047-3SP30				

Accessories and spare parts, see pages 3/69 to 3/119.

Switching devices – Contactors and contactor assemblies – for switching motors

Power contactors for switching motors

AC-3e

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 × U_s
- Power consumption reduced from closing to closed

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	Screw terminals 	Spring-loaded terminals 
AC-3 and AC-3e, t_i : 60 °C	AC-1, t_i : 40 °C	Ident. No.	Version	50/60 Hz AC or DC	Article No.	Article No.
Operational current I_e up to 400 V	Operational current I_e up to 690 V				Price per PU	Price per PU
Ratings of three-phase motors at 50 Hz and 400 V						
A kW	A					

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

Size S3

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

80	37	125	11	1	1	20 ... 33 83 ... 155 175 ... 280	3RT2045-1NB30 3RT2045-1NF30 3RT2045-1NP30	3RT2045-3NB30 3RT2045-3NF30 3RT2045-3NP30
95	45	130	11	1	1	20 ... 33 83 ... 155 175 ... 280	3RT2046-1NB30 3RT2046-1NF30 3RT2046-1NP30	3RT2046-3NB30 3RT2046-3NF30 3RT2046-3NP30
110	55	130	11	1	1	20 ... 33 83 ... 155 175 ... 280	3RT2047-1NB30 3RT2047-1NF30 3RT2047-1NP30	3RT2047-3NB30 3RT2047-3NF30 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 83 ... 155 175 ... 280	3RT2045-1NB34 3RT2045-1NF34 3RT2045-1NP34	-- -- --
95	45	130	22	2	2	20 ... 33 83 ... 155 175 ... 280	3RT2046-1NB34 3RT2046-1NF34 3RT2046-1NP34	-- -- --
110	55	130	22	2	2	20 ... 33 83 ... 155 175 ... 280	3RT2047-1NB34 3RT2047-1NF34 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	3RT2045-1NB34-3MA0	3RT2045-3NB34-3MA0
95	45	130	22	2	2	20 ... 33	3RT2046-1NB34-3MA0	3RT2046-3NB34-3MA0
110	55	130	22	2	2	20 ... 33	3RT2047-1NB34-3MA0	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	3RT2045-1NB30-0CC0	3RT2045-3NB30-0CC0
95	45	130	11	1	1	20 ... 33	3RT2046-1NB30-0CC0	3RT2046-3NB30-0CC0
110	55	130	11	1	1	20 ... 33	3RT2047-1NB30-0CC0	3RT2047-3NB30-0CC0

Other voltages according to page 3/67 on request.

Accessories and spare parts, see pages 3/69 to 3/119.