

3RT10 contactors, 3-pole, 15 ... 250 kW



Selection and ordering data

AC operation

PU (UNIT, SET, M) = 1
 PS* = 1 unit
 PG = 101



3RT10 3.-1A.00



3RT10 3.-3A.00

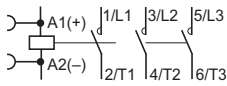


3RT10 3.-1A.04

Rated data AC-2 and AC-3, T _{ij} : Up to 60 °C	AC-1, T _{ij} : 40 °C	Auxiliary contacts	Rated control supply voltage U _s at 50 Hz	DT	Screw terminals	DT	Spring-type connection for coil terminals
Operational current I _e up to 500 V	Operational current I _e up to 690 V	Ident. No.	Version	Order No.	Price per PU	Order No.	Price per PU
A	A	NO	NC	V AC			

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

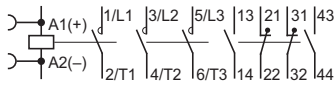
Size S2



32	15	50	--	--	--	24 110 230	▶ 3RT10 34-1AB00 ▶ 3RT10 34-1AF00 ▶ 3RT10 34-1AP00	B B ▶	3RT10 34-3AB00 3RT10 34-3AF00 3RT10 34-3AP00
40	18.5	60	--	--	--	24 110 230	▶ 3RT10 35-1AB00 ▶ 3RT10 35-1AF00 ▶ 3RT10 35-1AP00	B B ▶	3RT10 35-3AB00 3RT10 35-3AF00 3RT10 35-3AP00
50	22	60	--	--	--	24 110 230	▶ 3RT10 36-1AB00 ▶ 3RT10 36-1AF00 ▶ 3RT10 36-1AP00	B B ▶	3RT10 36-3AB00 3RT10 36-3AF00 3RT10 36-3AP00

With mounted auxiliary switch block (removable)¹⁾

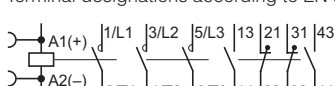
Terminal designations according to EN 50012



32	15	50	22	2	2	24 110 230	▶ 3RT10 34-1AB04 ▶ 3RT10 34-1AF04 ▶ 3RT10 34-1AP04	-- -- --	-- -- --
40	18.5	60	22	2	2	24 110 230	▶ 3RT10 35-1AB04 ▶ 3RT10 35-1AF04 ▶ 3RT10 35-1AP04	-- -- --	-- -- --
50	22	60	22	2	2	24 110 230	▶ 3RT10 36-1AB04 ▶ 3RT10 36-1AF04 ▶ 3RT10 36-1AP04	-- -- --	-- -- --

With permanently mounted auxiliary switch block

Terminal designations according to EN 50012



32	15	50	22	2	2	230	B	3RT10 34-1AP04-3MA0	--
40	18.5	60	22	2	2	230	B	3RT10 35-1AP04-3MA0	--
50	22	60	22	2	2	230	B	3RT10 36-1AP04-3MA0	--

Other voltages according to page 3/60 on request.
 For accessories, see page 3/278.
 For spare parts, see page 3/287.
 For multi-unit packing and reusable packaging, see "Appendix" --> "Ordering Notes".

¹⁾ Order No. for the auxiliary switch block (removable): 3RH19 21-1HA22 (2 NO + 2 NC acc. to EN 50012; Ident. No 22).

Power Contactors for Switching Motors

3RT10 contactors, 3-pole, 15 ... 250 kW

AC operation

PU (UNIT, SET, M) = 1
 PS* = 1 unit
 PG = 101



3RT10 4.-1A.00



3RT10 4.-3A.00

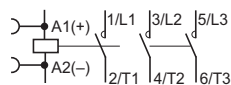


3RT10 4.-1A.04

Rated data AC-2 and AC-3, T_U : Up to 60 °C Operational current I_e up to 500 V A 400 V kW		Auxiliary contacts Ident. No. Version NO NC V AC		Rated control supply voltage U_s at 50 Hz	DT Screw terminals	DT Spring-type connection for coil terminals
Order No. Price per PU		Order No. Price per PU				

For screw and snap-on mounting onto TH 35 and TH 75 standard mounting rail

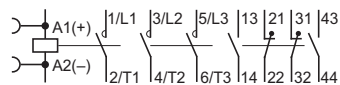
Size S3



65	30	100	--	--	--	24 110 230	▶	3RT10 44-1AB00 3RT10 44-1AF00 3RT10 44-1AP00	B B ▶	3RT10 44-3AB00 3RT10 44-3AF00 3RT10 44-3AP00
80	37	120	--	--	--	24 110 230	▶	3RT10 45-1AB00 3RT10 45-1AF00 3RT10 45-1AP00	B B ▶	3RT10 45-3AB00 3RT10 45-3AF00 3RT10 45-3AP00
95	45	120	--	--	--	24 110 230	▶	3RT10 46-1AB00 3RT10 46-1AF00 3RT10 46-1AP00	B B ▶	3RT10 46-3AB00 3RT10 46-3AF00 3RT10 46-3AP00

With mounted auxiliary switch block (removable)¹⁾

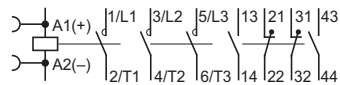
Terminal designations according to EN 50012



65	30	100	22	2	2	24 110 230	▶	3RT10 44-1AB04 3RT10 44-1AF04 3RT10 44-1AP04	-- -- --
80	37	120	22	2	2	24 110 230	▶	3RT10 45-1AB04 3RT10 45-1AF04 3RT10 45-1AP04	-- -- --
95	45	120	22	2	2	24 110 230	▶	3RT10 46-1AB04 3RT10 46-1AF04 3RT10 46-1AP04	-- -- --

With permanently mounted auxiliary switch block for safety applications according to SUVA

Terminal designations according to EN 50012



65	30	100	22	2	2	230	▶	3RT10 44-1AP04-3MA0	--
80	37	120	22	2	2	230	▶	3RT10 45-1AP04-3MA0	--
95	45	120	22	2	2	230	▶	3RT10 46-1AP04-3MA0	--

Other voltages according to page 3/60 on request.

For accessories, see page 3/278.

For spare parts, see page 3/288.

¹⁾ Order No. for the auxiliary switch block (removable): 3RH19 21-1HA22
 (2 NO + 2 NC acc. to EN 50012; Ident. No 22).

3RT10 contactors, 3-pole, 15 ... 250 kW



DC operation · DC solenoid system

PU (UNIT, SET, M) = 1
 PS* = 1 unit
 PG = 101



3RT10 3.-1B.40



3RT10 3.-3B.40

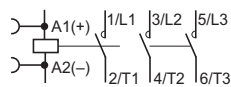


3RT10 3.-1B.44

Rated data AC-2 and AC-3, T_U : Up to 60 °C	AC-1, T_U : 40 °C	Auxiliary contacts	Rated control supply voltage U_s	DT	Screw terminals	DT	Spring-type connection for coil terminals
Operational current I_e up to 500 V	Operational current I_e up to 690 V	Ident. No. Version			Order No. Price per PU		Order No. Price per PU
A 400 V kW	A	NO NC	V DC				

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

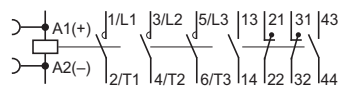
Size S2



32	15	50	--	--	--	24 220	B	3RT10 34-1BB40 3RT10 34-1BM40	B	3RT10 34-3BB40 3RT10 34-3BM40
40	18.5	60	--	--	--	24 220	B	3RT10 35-1BB40 3RT10 35-1BM40	B	3RT10 35-3BB40 3RT10 35-3BM40
50	22	60	--	--	--	24 220	B	3RT10 36-1BB40 3RT10 36-1BM40	B	3RT10 36-3BB40 3RT10 36-3BM40

With mounted auxiliary switch block (removable)¹⁾

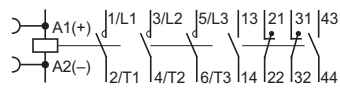
Terminal designations according to EN 50012



32	15	50	22	2	2	24 220	B	3RT10 34-1BB44 3RT10 34-1BM44	--	--
40	18.5	60	22	2	2	24 220	B	3RT10 35-1BB44 3RT10 35-1BM44	--	--
50	22	60	22	2	2	24 220	B	3RT10 36-1BB44 3RT10 36-1BM44	--	--

With permanently mounted auxiliary switch block for safety applications according to SUVA

Terminal designations according to EN 50012



32	15	50	22	2	2	24	B	3RT10 34-1BB44-3MA0	--	--
40	18.5	60	22	2	2	24	B	3RT10 35-1BB44-3MA0	--	--
50	22	60	22	2	2	24	B	3RT10 36-1BB44-3MA0	--	--

Other voltages according to page 3/60 on request.

For accessories, see page 3/278.

For spare parts, see page 3/287.

For multi-unit packing and reusable packaging, see "Appendix" --> "Ordering Notes".

¹⁾ Order No. for the auxiliary switch block (removable): 3RH19 21-1HA22 (2 NO + 2 NC acc. to EN 50012; Ident. No 22).

Power Contactors for Switching Motors

3RT10 contactors, 3-pole, 15 ... 250 kW

DC operation · DC solenoid system

PU (UNIT, SET, M) = 1
 PS* = 1 unit
 PG = 101



3RT10 4.-1B.40



3RT10 4.-3B.40

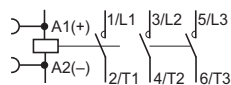


3RT10 4.-1B.44

Rated data AC-2 and AC-3, T_U : Up to 60 °C	AC-1, T_U : 40 °C	Auxiliary contacts	Rated control supply voltage U_s	DT	Screw terminals	DT	Spring-type connection for coil terminals
Operational current I_e up to 500 V	Operational current I_e up to 690 V	Ident. No. Version			Order No.	Price per PU	Order No. Price per PU
400 V	400 V	NO NC	V DC				
A kW	A						

For screw and snap-on mounting onto TH 35 and TH 75 standard mounting rail

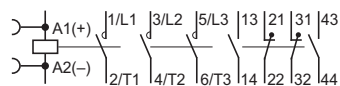
Size S3



65	30	100	--	--	--	24 220	▶ 3RT10 44-1BB40 B 3RT10 44-1BM40	▶ 3RT10 44-3BB40 B 3RT10 44-3BM40
80	37	120	--	--	--	24 220	▶ 3RT10 45-1BB40 B 3RT10 45-1BM40	▶ 3RT10 45-3BB40 B 3RT10 45-3BM40
95	45	120	--	--	--	24 220	▶ 3RT10 46-1BB40 B 3RT10 46-1BM40	▶ 3RT10 46-3BB40 B 3RT10 46-3BM40

With mounted auxiliary switch block (removable)¹⁾

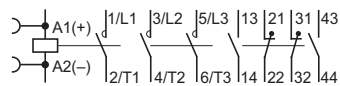
Terminal designations according to EN 50012



65	30	100	22	2	2	24 220	▶ 3RT10 44-1BB44 B 3RT10 44-1BM44	--
80	37	120	22	2	2	24 220	▶ 3RT10 45-1BB44 B 3RT10 45-1BM44	--
95	45	120	22	2	2	24 220	▶ 3RT10 46-1BB44 B 3RT10 46-1BM44	--

With permanently mounted auxiliary switch block for safety applications according to SUVA

Terminal designations according to EN 50012



65	30	100	22	2	2	24	▶ 3RT10 44-1BB44-3MA0	--
80	37	120	22	2	2	24	▶ 3RT10 45-1BB44-3MA0	--
95	45	120	22	2	2	24	▶ 3RT10 46-1BB44-3MA0	--

Other voltages according to page 3/60 on request.
 For accessories, see page 3/278.
 For spare parts, see page 3/288.
 For multi-unit packing and reusable packaging, see "Appendix" --> "Ordering Notes".

¹⁾ Order No. for the auxiliary switch block (removable): 3RH19 21-1HA22 (2 NO + 2 NC acc. to EN 50012; Ident. No 22).

Power Contactors for Switching Motors

3RT10 contactors, 3-pole, 15 ... 250 kW

AC/DC operation (40 to 60 Hz, DC)
Withdrawable coils with integrated coil circuit (varistor)
Auxiliary and control conductors: Screw terminals or spring-type terminals
Main conductors: Busbar connections, for 3RT10 54 (55 kW) box terminals¹⁾



3RT1. 5.



3RT1. 6.

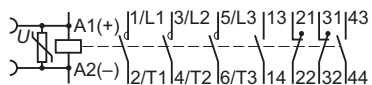


3RT1. 7.

Size	Rated data	Auxiliary contacts, lateral	Rated control supply voltage U_s	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
	AC-2 and AC-3, T_U : Up to 60 °C	AC-1, T_U : 40 °C							
	Operational current I_e up to	Ratings of induction motors at 50 Hz and	Operational current I_e up to	Version					
	500 V	230 V 400 V 500 V 690 V	690 V	NO NC					
	A	kW kW kW kW	A	V AC/DC					

Conventional operating mechanisms

Terminal designations of the auxiliary contacts according to EN 50012



Size	115	150	185	225	265	300	400	500	115	150	185	225	265	300	400	500	115	150	185	225	265	300	400	500	115	150	185	225	265	300	400	500	115	150	185	225	265	300	400	500
S6	37	45	55	55	75	90	132	160	2	2	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240
	55	75	90	110	132	160	215	275	2	2	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240
	75	90	110	160	200	250	330	430	2	2	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240
S10	110	132	160	200	250	330	430	610	2	2	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240
	132	160	200	250	330	430	610	2	2	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	
	160	200	250	400	430	610	2	2	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240		
S12	132	160	200	250	330	430	610	2	2	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	
	160	200	250	400	430	610	2	2	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240		
	200	250	355	400	610	2	2	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240	110 ... 127	220 ... 240			

Other voltages according to page 3/60 on request.
 For accessories, see page 3/278.
 For spare parts, see page 3/289.

¹⁾ Alternatively the 3RT10 54-1 contactor (55 kW) can be supplied with busbar connections instead of box terminals. Without additional price. In the 8th position of the Order No. the "1" must be replaced with "6" for screw terminals, e. g. 3RT10 54-6A.36; for spring-type terminals the "3" must be replaced by "2", e. g. 3RT10 54-2A.36.

Power Contactors for Switching Motors

3RT10 contactors, 3-pole, 15 ... 250 kW

AC/DC operation (40 to 60 Hz, DC)

Withdrawable coils with integrated coil circuit (varistor)

Auxiliary and control conductors: Screw terminals or spring-type terminals
Main conductors: Busbar connections, for 3RT10 54 (55 kW) box terminals¹⁾



3RT1. 5.



3RT1. 6.

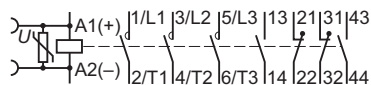


3RT1. 7.

Size	Rated data	Auxiliary contacts, lateral	Rated control supply voltage U_s	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
	AC-2 and AC-3, T_U : Up to 60 °C	AC-1, T_U : 40 °C							
	Operational current I_e up to	Ratings of induction motors at 50 Hz and	Operational current I_e up to	Version					
	500 V	230 V 400 V 500 V 690 V	690 V	NO NC					
	A	kW kW kW kW	A	V AC/DC					

Solid-state operating mechanisms · for 24 V DC PLC output

Terminal designations of the auxiliary contacts according to EN 50012



Size	115	150	185	225	265	300	400	500	115	150	185	225	265	300	400	500	2	2	96 ... 127 200 ... 277	A	3RT10 54-1NF36 3RT10 54-1NP36	1	1 unit	101
S6	37	45	55	55	75	90	132	160	215	275	330	430	430	610	2	2	96 ... 127 200 ... 277	A	3RT10 55-6NF36 3RT10 55-6NP36	1	1 unit <td>101</td>	101		
																				3RT10 56-6NF36 3RT10 56-6NP36	1	1 unit <td>101</td>	101	
S10																				3RT10 64-6NF36 3RT10 64-6NP36	1	1 unit <td>101</td>	101	
																				3RT10 65-6NF36 3RT10 65-6NP36	1	1 unit <td>101</td>	101	
																				3RT10 66-6NF36 3RT10 66-6NP36	1	1 unit <td>101</td>	101	
S12																				3RT10 75-6NF36 3RT10 75-6NP36	1	1 unit <td>101</td>	101	
																				3RT10 76-6NF36 3RT10 76-6NP36	1	1 unit <td>101</td>	101	
S6	37	45	55	55	75	90	132	160	215	275	330	430	430	610	2	2	96 ... 127 200 ... 277	B	3RT10 54-3NF36 3RT10 54-3NP36	1	1 unit <td>101</td>	101		
																				3RT10 55-2NF36 3RT10 55-2NP36	1	1 unit <td>101</td>	101	
																				3RT10 56-2NF36 3RT10 56-2NP36	1	1 unit <td>101</td>	101	
S10																				3RT10 64-2NF36 3RT10 64-2NP36	1	1 unit <td>101</td>	101	
																				3RT10 65-2NF36 3RT10 65-2NP36	1	1 unit <td>101</td>	101	
																				3RT10 66-2NF36 3RT10 66-2NP36	1	1 unit <td>101</td>	101	
S12																				3RT10 75-2NF36 3RT10 75-2NP36	1	1 unit <td>101</td>	101	
																				3RT10 76-2NF36 3RT10 76-2NP36	1	1 unit <td>101</td>	101	

Other voltages according to page 3/60 on request.
For accessories, see page 3/278.
For spare parts, see page 3/290.

¹⁾ Alternatively the 3RT10 54-1 contactor (55 kW) can be supplied with busbar connections instead of box terminals. Without additional price. In the 8th position of the Order No. the "1" must be replaced with "6" for screw terminals, e. g. 3RT10 54-6A.36; for spring-type terminals the "3" must be replaced by "2", e. g. 3RT10 54-2A.36.

Power Contactors for Switching Motors

3RT10 contactors, 3-pole, 15 ... 250 kW

AC/DC operation (40 to 60 Hz, DC)
Withdrawable coils with integrated coil circuit (varistor)
Auxiliary and control conductors: screw terminals
Main conductors: Busbar connections, for 3RT10 54 (55 kW) box terminals¹⁾
Remaining lifetime indicator (RLT)



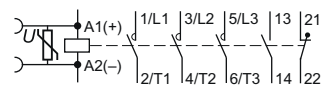
3RT10 56-6P..

3RT10 56-6Q..

Size	Rated data					AC-1, T _U : 40 °C	Auxiliary contacts, lateral		Rated control supply voltage U _s	DT	Screw terminals	⊕	PU (UNIT, SET, M)	PS*	PG
	AC-2 and AC-3, T _U : Up to 60 °C	Ratings of induction motors at 50 Hz and up to					Operational current I _e up to	Version							
	500 V	230 V	400 V	500 V	690 V	690 V	NO	NC	V AC/DC						
	A	kW	kW	kW	kW	A				Order No.	Price per PU				

Solid-state operating mechanisms · with 24 V DC PLC relay output · with RLT

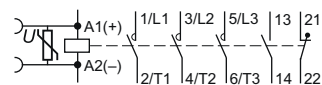
Terminal designations of the auxiliary contacts according to EN 50012



S6	115	37	55	75	110	160	1	1	96 ... 127 200 ... 277	B	3RT10 54-1PF35	1	1 unit	101
										B	3RT10 54-1PP35	1	1 unit	101
	150	45	75	90	132	185	1	1	96 ... 127 200 ... 277	B	3RT10 55-6PF35 3RT10 55-6PP35	1	1 unit	101
S10	185	55	90	110	160	215	1	1	96 ... 127 200 ... 277	B	3RT10 56-6PF35 3RT10 56-6PP35	1	1 unit	101
	225	55	110	160	200	275	1	1	96 ... 127 200 ... 277	B	3RT10 64-6PF35 3RT10 64-6PP35	1	1 unit	101
S10	265	75	132	160	250	330	1	1	96 ... 127 200 ... 277	B	3RT10 65-6PF35 3RT10 65-6PP35	1	1 unit	101
	300	90	160	200	250	330	1	1	96 ... 127 200 ... 277	B	3RT10 66-6PF35 3RT10 66-6PP35	1	1 unit	101
	400	132	200	250	400	430	1	1	96 ... 127 200 ... 277	B	3RT10 75-6PF35 3RT10 75-6PP35	1	1 unit	101
S12	500	160	250	355	400	610	1	1	96 ... 127 200 ... 277	B	3RT10 76-6PF35 3RT10 76-6PP35	1	1 unit	101

Solid-state operating mechanisms · with AS-Interface · with RLT

Terminal designations of the auxiliary contacts according to EN 50012



S6	115	37	55	75	110	160	1	1	96 ... 127 200 ... 277	B	3RT10 54-1QF35	1	1 unit	101
										B	3RT10 54-1QP35	1	1 unit	101
	150	45	75	90	132	185	1	1	96 ... 127 200 ... 277	B	3RT10 55-6QF35 3RT10 55-6QP35	1	1 unit	101
S10	185	55	90	110	160	215	1	1	96 ... 127 200 ... 277	B	3RT10 56-6QF35 3RT10 56-6QP35	1	1 unit	101
	225	55	110	160	200	275	1	1	96 ... 127 200 ... 277	B	3RT10 64-6QF35 3RT10 64-6QP35	1	1 unit	101
S10	265	75	132	160	250	330	1	1	96 ... 127 00 ... 277	B	3RT10 65-6QF35 3RT10 65-6QP35	1	1 unit	101
	300	90	160	200	250	330	1	1	96 ... 127 200 ... 277	B	3RT10 66-6QF35 3RT10 66-6QP35	1	1 unit	101
	400	132	200	250	400	430	1	1	96 ... 127 200 ... 277	B	3RT10 75-6QF35 3RT10 75-6QP35	1	1 unit	101
S12	500	160	250	355	400	610	1	1	96 ... 127 200 ... 277	B	3RT10 76-6QF35 3RT10 76-6QP35	1	1 unit	101

Other voltages according to page 3/60 on request.
 For accessories, see page 3/278.
 For spare parts, see page 3/290.

¹⁾ Alternatively the 3RT10 54-1 contactor (55 kW) can be supplied with busbar connections instead of box terminals. Without additional price. In the 8th position of the Order No. the "1" must be replaced with "6", e. g. 3RT10 54-6..35.



Power Contactors for Switching Motors

3RT10 contactors, 3-pole, 15 ... 250 kW

Options

Rated control supply voltages (the 10th and 11th position of the order number must be changed)

Rated control supply voltage U_s	Contactor type	3RT10 3, 3RT10 4	3RT14 4	3RT13 3, 3RT13 4, 3RT15 3	3RT16 17, 3RT16 27, 3RT16 47
		Size S2, S3	S3	S2, S3	S00, S0, S3

Sizes S2 and S3

AC operation

Solenoid coils for 50 Hz¹⁾

Voltage	3RT10 3, 3RT10 4	3RT14 4	3RT13 3, 3RT13 4, 3RT15 3	3RT16 17, 3RT16 27, 3RT16 47
24 V AC	B0	B0	B0	B0
42 V AC	D0	D0	--	--
48 V AC	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 Hz¹⁾

Voltage	3RT10 3, 3RT10 4	3RT14 4	3RT13 3, 3RT13 4, 3RT15 3	3RT16 17, 3RT16 27, 3RT16 47
24 V AC	C2	C2	C2	C2
42 V AC	D2	D2	D2	--
48 V AC	H2	H2	H2	--
110 V AC	G2	G2	G2	G2
220 V AC	N2	N2	N2	N2
230 V AC	L2	L2	L2	L2
240 V AC	P2	P2	P2	P2

Solenoid coils (for USA and Canada²⁾)

50 Hz	60 Hz	3RT10 3, 3RT10 4	3RT14 4	3RT13 3, 3RT13 4, 3RT15 3	3RT16 17, 3RT16 27, 3RT16 47
110 V AC	120 V AC	K6	K6	K6	K6
220 V AC	240 V AC	P6	P6	P6	P6

Solenoid coils (for Japan)

50/60 Hz ³⁾	60 Hz ⁴⁾	3RT10 3, 3RT10 4	3RT14 4	3RT13 3, 3RT13 4, 3RT15 3	3RT16 17, 3RT16 27, 3RT16 47
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 operation

Voltage	3RT10 3, 3RT10 4	3RT14 4	3RT13 3, 3RT13 4, 3RT15 3	3RT16 17, 3RT16 27, 3RT16 47
12 V DC	--	--	--	--
24 V DC	B4	B4	B4	--
42 V DC	D4	D4	D4	--
48 V DC	W4	W4	--	--
60 V DC	E4	E4	--	--
110 V DC	F4	F4	F4	--
125 V DC	G4	G4	G4	--
220 V DC	M4	M4	M4	--
230 V DC	P4	P4	--	--

Examples

AC operating mechanism	3RT10 34-1AP00	Contactor with screw terminals; with solenoid coil for 50 Hz for rated control supply voltage 230 V AC.
	3RT10 34-1AG20	Contactor with screw terminals; with solenoid coil for 50/60 Hz for rated control supply voltage 110 V AC.
DC operating mechanism	3RT10 34-3BB40	Contactor with spring-type terminals; for rated control supply voltage 24 V DC.
	3RT10 34-3BG40	Contactor with spring-type terminals; for rated control supply voltage 125 V DC.

Rated control supply voltage U_s	Contactor type	3RT1. 5.-.A 3RT1. 6.-.A 3RT1. 7.-.A	Rated control supply voltage U_s	Contactor type	3RT1. 5.-.N 3RT1. 6.-.N 3RT1. 7.-.N	3RT1. 5.-.P/Q 3RT1. 6.-.P/Q 3RT1. 7.-.P/Q
$U_{s \min} \dots U_{s \max}$ ⁵⁾	Size	S6, S10, S12	$U_{s \min} \dots U_{s \max}$ ⁵⁾	Size	S6, S10, S12	S6, S10, S12

Sizes S6 to S12

UC operation (AC 40 ... 60 Hz, DC)

Conventional operating mechanism

23 ... 26 V AC/DC	B3
42 ... 48 V AC/DC	D3
110 ... 127 V AC/DC	F3
200 ... 220 V AC/DC	M3
220 ... 240 V AC/DC	P3
240 ... 277 V AC/DC	U3
380 ... 420 V AC/DC	V3
440 ... 480 V AC/DC	R3
500 ... 550 V AC/DC	S3
575 ... 600 V AC/DC	T3

Solid-state operating mechanism

21 ... 27.3 V AC/DC	B3	--
96 ... 127 V AC/DC	F3	F3
200 ... 277 V AC/DC	P3	P3

¹⁾ Coil operating range:
at 50 Hz: 0.8 to 1.1 × U_s
at 60 Hz: 0.85 to 1.1 × U_s .

²⁾ Coil operating range (sizes S2 and S3):
at 50 Hz and 60 Hz: 0.8 to 1.1 × U_s .

³⁾ Coil operating range (sizes S2 and S3):
at 50 Hz: 0.8 to 1.1 × U_s
at 60 Hz: 0.85 to 1.1 × U_s .

⁴⁾ Coil operating range:
at 60 Hz: 0.8 to 1.1 × U_s .

⁵⁾ Operating range:
0.8 × $U_{s \min}$ to 1.1 × $U_{s \max}$.