

Power Contactors for Switching Motors

Accessories for 3RT1 contactors

Surge suppressors

Selection and ordering data

For contactors	Version	Rated control supply voltage $U_s^{1)}$		Power consumption of LED at U_s	DT	Article No. ²⁾	Price per PU	PU (UNIT, SET, M)	PS*	PG
Type		V AC	V DC							

Surge suppressors with LED

Size S00 (also for spring-type terminals)

For plugging onto the front side of the contactors with and without auxiliary switch blocks



3RT1916-1L.00

3RT1, 3RH1	Varistors	24 ... 48	12 ... 24	10 ... 120	▶	3RT1916-1JJ00		1	1 unit	41B
		48 ... 127	24 ... 70	20 ... 470	▶	3RT1916-1JK00		1	1 unit	41B
		127 ... 240	70 ... 150	50 ... 700	▶	3RT1916-1JL00		1	1 unit	41B
		--	150 ... 250	160 ... 950	A	3RT1916-1JP00		1	1 unit	41B
3RT1, 3RH1	Noise suppression diode	--	24 ... 70	20 ... 470	▶	3RT1916-1LM00		1	1 unit	41B
		--	50 ... 150	50 ... 700	▶	3RT1916-1LN00		1	1 unit	41B
		--	150 ... 250	160 ... 950	▶	3RT1916-1LP00		1	1 unit	41B

1) Can be used for AC operation for 50/60 Hz. Please inquire about further voltages.

2) For packs of 10 or 5 units, "-Z" and order code "X90" must be added to the Article No.

For contactors	Version	Rated control supply voltage $U_s^{1)}$			DT	Article No. ²⁾	Price per PU	PU (UNIT, SET, M)	PS*	PG
Type		V AC	V DC							

Surge suppressors without LED

Size S00 (also for spring-type terminals)

For plugging onto the front side of the contactors with and without auxiliary switch blocks



3RT1916-1DG00

3RT1., 3RH1	Varistors	24 ... 48	24 ... 70	▶	3RT1916-1BB00		1	1 unit	41B
		48 ... 127	70 ... 150	▶	3RT1916-1BC00		1	1 unit	41B
		127 ... 240	150 ... 250	A	3RT1916-1BD00		1	1 unit	41B
		240 ... 400	--	▶	3RT1916-1BE00		1	1 unit	41B
		400 ... 600	--	A	3RT1916-1BF00		1	1 unit	41B
3RT1., 3RH1	RC elements	24 ... 48	24 ... 70	▶	3RT1916-1CB00		1	1 unit	41B
		48 ... 127	70 ... 150	▶	3RT1916-1CC00		1	1 unit	41B
		127 ... 240	150 ... 250	▶	3RT1916-1CD00		1	1 unit	41B
		240 ... 400	--	▶	3RT1916-1CE00		1	1 unit	41B
		400 ... 600	--	▶	3RT1916-1CF00		1	1 unit	41B
3RT1., 3RH1	Noise suppression diode	--	12 ... 250	▶	3RT1916-1DG00		1	1 unit	41B
3RT1., 3RH1	Diode assemblies (diode and Zener diode) for DC actuation	--	12 ... 250	▶	3RT1916-1EH00		1	1 unit	41B

Size S0

For fitting onto the coil terminals at top or bottom



3RT1926-1B.00

3RT1.2	Varistors	24 ... 48	24 ... 70	▶	3RT1926-1BB00	1	1 unit	41B	
		48 ... 127	70 ... 150	▶	3RT1926-1BC00	1	1 unit	41B	
		127 ... 240	150 ... 250	▶	3RT1926-1BD00	1	1 unit	41B	
		240 ... 400	--	▶	3RT1926-1BE00	1	1 unit	41B	
		400 ... 600	--	B	3RT1926-1BF00	1	1 unit	41B	
3RT1.2	RC elements	24 ... 48	24 ... 70	▶	3RT1926-1CB00	1	1 unit	41B	
		48 ... 127	70 ... 150	▶	3RT1926-1CC00	1	1 unit	41B	
		127 ... 240	150 ... 250	▶	3RT1926-1CD00	1	1 unit	41B	
		240 ... 400	--	▶	3RT1926-1CE00	1	1 unit	41B	
		400 ... 600	--	B	3RT1926-1CF00	1	1 unit	41B	
3RT1.2	Diode assemblies for DC operation								
		• Connectable at the top (e.g. for contactor with overload relay)	--	24	▶	3RT1926-1ER00	1	1 unit	41B
			--	30 ... 250	▶	3RT1926-1ES00	1	1 unit	41B
		• Connectable at the bottom (e.g. for fuseless load feeders)	--	24	▶	3RT1926-1TR00	1	1 unit	41B
			--	30 ... 250	A	3RT1926-1TS00	1	1 unit	41B

1) Can be used for AC operation for 50/60 Hz. Please inquire about further voltages.

2) For packs of 10, "-Z" and order code "X90" must be added to the Article No.

Power Contactors for Switching Motors

Accessories for 3RT1 contactors

Surge suppressors

For contactors	Version	Rated control supply voltage U_s ¹⁾		DT	Article No. ²⁾	Price per PU	PU (UNIT, SET, M)	PS*	PG	
		AC operation	DC operation							
Type		V AC	V DC							
Surge suppressors without LED										
Sizes S2 and S3 (also for spring-type terminals)										
For fitting onto the coil terminals at top or bottom										
	3RT1.3, 3RT1.4		Varistors							
			24 ... 48	24 ... 70	▶	3RT1926-1BB00	1	1 unit	41B	
			48 ... 127	70 ... 150	▶	3RT1926-1BC00	1	1 unit	41B	
			127 ... 240	150 ... 250	▶	3RT1926-1BD00	1	1 unit	41B	
			240 ... 400	--	▶	3RT1926-1BE00	1	1 unit	41B	
			400 ... 600	B	3RT1926-1BF00	1	1 unit	41B		
	3RT1.3 ³⁾ , 3RT1.4		RC elements							
			24 ... 48	24 ... 70	▶	3RT1936-1CB00	1	1 unit	41B	
			48 ... 127	70 ... 150	▶	3RT1936-1CC00	1	1 unit	41B	
			127 ... 240	150 ... 250	▶	3RT1936-1CD00	1	1 unit	41B	
			240 ... 400	--	▶	3RT1936-1CE00	1	1 unit	41B	
			400 ... 600	B	3RT1936-1CF00	1	1 unit	41B		
3RT1.3, 3RT1.4		Diode assemblies for DC operation								
		• Can be plugged in at top (e.g. for contactor with overload relay)	--	24	▶	3RT1936-1ER00	1	1 unit	41B	
			--	30 ... 250	▶	3RT1936-1ES00	1	1 unit	41B	
		• Can be plugged in at bottom (e.g. for fuseless load feeders)	--	24	▶	3RT1936-1TR00	1	1 unit	41B	
			--	30 ... 250	B	3RT1936-1TS00	1	1 unit	41B	
Sizes S6 ... S12										
	3RT1.5, 3RT1.6, 3RT1.7		For connecting to withdrawable coil with screw terminals for contactors with		Screw terminals					
			• Conventional 3RT1...-A... operating mechanism							
			• Solid-state 3RT1...-N... operating mechanism							
			RC elements							
			24 ... 48	24 ... 70	▶	3RT1956-1CB00	1	1 unit	41B	
48 ... 127	70 ... 150	▶	3RT1956-1CC00	1	1 unit	41B				
127 ... 240	150 ... 250	▶	3RT1956-1CD00	1	1 unit	41B				
240 ... 400	--	▶	3RT1956-1CE00	1	1 unit	41B				
400 ... 600		C	3RT1956-1CF00	1	1 unit	41B				
3RT1.5, 3RT1.6, 3RT1.7		RC elements								
		24 ... 48	24 ... 70	▶	3RT1956-1CB02	1	1 unit	41B		
		48 ... 127	70 ... 150	A	3RT1956-1CC02	1	1 unit	41B		
		127 ... 240	150 ... 250	▶	3RT1956-1CD02	1	1 unit	41B		
		240 ... 400	--	A	3RT1956-1CE02	1	1 unit	41B		
400 ... 600		C	3RT1956-1CF02	1	1 unit	41B				

¹⁾ Can be used for AC operation for 50/60 Hz. Please inquire about further voltages.

²⁾ For packs of 10 or 5 units, "-Z" and order code "X90" must be added to the Article No.

³⁾ For 3RT1.3 with AC operation mountable only at the top.

For contactors	Version	DT	Screw terminals	PU (UNIT, SET, M)	PS*	PG
Type			Article No.	Price per PU		
Main current path surge suppression modules for 3RT12 vacuum contactors						
Sizes S10 and S12						
3RT12	For damping overvoltages and protecting motor windings against multiple re-ignition when switching off three-phase motors.					
	For connection on the contactor feeder side (2-T1/4-T2/6-T3). For separate installation.					
	Rated operational voltage U_e = 690 V AC		C	3RT1966-1PV3	1	1 unit 41B
	Rated operational voltage U_e = 1000 V AC		C	3RT1966-1PV4	1	1 unit 41B

Load Feeders and Motor Starters for Use in the Control Cabinet

SIRIUS 3RA1 Load Feeders

Accessories

Accessories for 3RA1 direct-on-line and reversing starters

For contactors	Version	Rated control supply voltage U_s ¹⁾	DT	Article No. ²⁾	Price per PU	PU (UNIT, SET, M)	PS*	PG	
Type									
Surge suppressors without LED									
	Size S00								
	3RT1.	Varistors	24 ... 48 V AC	▶	3RT1916-1BB00	1	1 unit	41B	
			24 ... 70 V DC	A					3RT1916-1BD00
	3RT1.	RC elements	127 ... 240 V AC	▶	3RT1916-1CB00	1	1 unit	41B	
			150 ... 250 V DC	▶					3RT1916-1CD00
	3RT1.	Noise suppression diodes	24 ... 48 V AC	▶	3RT1916-1DG00	1	1 unit	41B	
			24 ... 70 V DC	▶					3RT1916-1CD00
	3RT1.	Diode assemblies (diode and Zener diode) for DC operation and short break times	127 ... 240 V AC	▶	3RT1916-1EH00	1	1 unit	41B	
			150 ... 250 V DC	▶					
		Size S0							
3RT10 2		Varistors	24 ... 48 V AC	▶	3RT1926-1BB00	1	1 unit	41B	
			24 ... 70 V DC	▶					3RT1926-1BD00
3RT10 2		RC elements	127 ... 240 V AC	▶	3RT1926-1CB00	1	1 unit	41B	
			150 ... 250 V DC	▶					3RT1926-1CD00
3RT10 2		Diode assemblies For DC operation and short break times, Can be plugged in at bottom	24 ... 48 V AC	▶	3RT1926-1TR00	1	1 unit	41B	
			24 ... 70 V DC	A					3RT1926-1TS00
			30 ... 250 V DC						
		Sizes S2 and S3							
		3RT10 3, 3RT10 4	Varistors	24 ... 48 V AC	▶	3RT1926-1BB00	1	1 unit	41B
	24 ... 70 V DC			▶	3RT1926-1BD00				
	3RT10 3, 3RT10 4	RC elements	127 ... 240 V AC	▶	3RT1936-1CB00	1	1 unit	41B	
			150 ... 250 V DC	▶					3RT1936-1CD00
	3RT10 3, 3RT10 4	Diode assemblies For DC operation and short break times, Can be plugged in at bottom	24 ... 48 V AC	▶	3RT1936-1TR00	1	1 unit	41B	
			24 ... 70 V DC	B					3RT1936-1TS00
			127 ... 240 V AC						
			150 ... 250 V DC						

¹⁾ Can be used for AC operation for 50/60 Hz. Please inquire about further voltages.

²⁾ For packs of 10 or 5 units, "-Z" and order code "X90" must be added to the Article No.