

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
		AC operation	DC operation							
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 diodes	--	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
		AC operation	DC operation						
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	Varistor	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 operation	--	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	Varistor	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 assembly 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

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

Contactor Relays

SIRIUS 3RH1 contactor relays, 4- and 8-pole

The following accessory parts are accessories for 3RT1 contactors in size S00 which are also suitable for 3RH1 contactor relays.

More accessory parts, see Chapter 3 "Accessories for 3RT1 contactors size S00".

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		AC operation	DC operation							
Type		V AC	V DC							

Surge suppressors with LED



3RT1916-1L.00

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

3RH1.	Varistor	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	▶	3RT1916-1JP00	1	1 unit	41B
3RH1.	Noise suppression diodes	--	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.

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		AC operation	DC operation						
Type		V AC	V DC						

Surge suppressors without LED



3RT1916-1DG00

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

3RH1	Varistor	24 ... 48	24 ... 70	▶	3RT1916-1BB00	1	1 unit	41B
		48 ... 127	70 ... 150	▶	3RT1916-1BC00	1	1 unit	41B
		127 ... 240	150 ... 250	▶	3RT1916-1BD00	1	1 unit	41B
		240 ... 400	--	▶	3RT1916-1BE00	1	1 unit	41B
		400 ... 600	--	▶	3RT1916-1BF00	1	1 unit	41B
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
3RH1	Noise suppression diodes	--	12 ... 250	▶	3RT1916-1DG00	1	1 unit	41B
3RH1	Diode assemblies (diode and Zener diode) for DC operation	--	12 ... 250	▶	3RT1916-1EH00	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	DT	Article No. ¹⁾	Price per PU	PU (UNIT, SET, M)	PS*	PG

Additional load modules



3RT1916-1GA00

3RH1.	For plugging onto the front side of the contactors with and without auxiliary switch blocks	▶	3RT1916-1GA00	1	1 unit	41B
	For increasing the permissible residual current and for limiting the residual voltage. Ensures safe opening of contactors with direct control via 230 V AC semiconductor outputs of SIMATIC controllers. Also performs the function of an overvoltage damping circuit. Rated voltage: AC 50/60 Hz, 180 V to 255 V. Operating range: 0.8 to 1.1 x U_s					

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