










## Selection and ordering data

For contactor		Design	Rated control supply voltage $U_s$	Order No.	List Price \$	Weight approx. kg	
Size	Type						
<b>Surge suppressors <sup>1)</sup> - varistors</b>							
3TX7 402-3. 	2	3TC44 <sup>3)</sup>	<b>Varistor</b> <sup>2)</sup> with line spacer, for mounting onto the coil terminal	AC 24 V ... 48 V	<b>3TX7 402-3G</b>	23.50	0.005
				DC 24 V ... 70 V	<b>3TX7 402-3H</b>	23.50	
				AC 48 V ... 127 V	<b>3TX7 402-3J</b>	23.50	
				DC 70 V ... 150 V	<b>3TX7 402-3K</b>	23.50	
				AC 127 V ... 240 V	<b>3TX7 402-3L</b>	23.50	
3TX7 462-3. 	4 and 6	3TB50 and 3TC48	<b>Varistors</b> <sup>2)</sup> for sticking onto the con- tactor base or for mount- ing separately	AC 24 V ... 48 V	<b>3TX7 462-3G</b>	38.50	0.01
				DC 24 V ... 70 V	<b>3TX7 462-3H</b>	38.50	
				AC 48 V ... 127 V	<b>3TX7 462-3J</b>	38.50	
				DC 70 V ... 150 V	<b>3TX7 462-3K</b>	38.50	
				AC 127 V ... 240 V	<b>3TX7 462-3L</b>	38.50	
3TX7 462-3., 3TX7 522-3., 3TX7 572-3. 	8 and 12	3TC52 and 3TC56	<b>Varistors</b> 3TX7 462-.. for sticking onto the contactor base or for mounting sepa- rately	AC 24 V ... 48 V	<b>3TX7 462-3G</b>	38.50	0.01
				DC 24 V ... 70 V	<b>3TX7 462-3H</b>	38.50	
				AC 48 V ... 127 V	<b>3TX7 462-3J</b>	38.50	
				DC 70 V ... 150 V	<b>3TX7 462-3K</b>	38.50	
				AC 127 V ... 240 V	<b>3TX7 462-3L</b>	38.50	
3TX7 522-3G, 3TX7 522-3H, 3TX7 522-3J 	8 ... 12	3TB52 ... 3TB56, 3TC52 and 3TC56	<b>Varistors</b> <sup>2)</sup> for separate screw mounting or for snapping onto a 35 mm standard mounting rail	DC 24 V ... 70 V	<b>3TX7 522-3G</b>	32.00	0.03
				DC 70 V ... 150 V	<b>3TX7 522-3H</b>	46.00	
				DC 150 V ... 250 V	<b>3TX7 522-3J</b>	60.00	
3TX7 572-3G, 3TX7 572-3H, 3TX7 572-3J 	14	3TF68 and 3TF69	<b>Varistors</b> <sup>2)</sup> for DC economy circuit; for snapping onto the side of auxiliary switches	DC 24 V ... 48 V	<b>3TX7 572-3G</b>	32.00	0.075
				DC 48 V ... 127 V	<b>3TX7 572-3H</b>	46.00	
				DC 127 V ... 250 V	<b>3TX7 572-3J</b>	60.00	
<b>Surge suppressors - RC elements</b>							
3TX7 462-3., 3TX7 522-3. 	4	3TC48	<b>RC elements</b> for snapping onto the side of auxiliary switches or onto a 35 mm standard mount- ing rail	AC 24 V ... 48 V	<b>3TX7 462-3R</b>	38.50	0.075
				DC 24 V ... 70 V	<b>3TX7 522-3R</b>	46.00	
				AC 48 V ... 127 V	<b>3TX7 462-3S</b>	38.50	
				DC 70 V ... 150 V	<b>3TX7 522-3S</b>	46.00	
				DC 150 V ... 250 V	<b>3TX7 522-3T</b>	46.00	
3TX7 522-3R, 3TX7 522-3S, 3TX7 522-3T, 3TX7 522-3U, 3TX7 522-3V 	6 ... 12	3TB50, 3TC52 and 3TC56	<b>RC elements</b> for snapping onto the side of auxiliary switches or onto a 35 mm standard mount- ing rail	AC 24 V ... 48 V	<b>3TX7 522-3R</b>	46.00	0.075
				AC 48 V ... 127 V	<b>3TX7 522-3S</b>	46.00	
				AC 127 V ... 240 V	<b>3TX7 522-3T</b>	46.00	
				AC 240 V ... 400 V	<b>3TX7 522-3U</b>	46.00	
				AC 400 V ... 600 V	<b>3TX7 522-3V</b>	46.00	

1) The surge suppressor is integrated as standard in the following contactors:  
3TF68 and 3TF69 (AC operation): fitted with varistor.

2) Includes the peak value of the ripple voltage on the DC side.

3) The connection piece for mounting the surge suppressor must be bent slightly.

# Contactors and Contactor Assemblies




## 3T Contactors

SIRIUS



### Accessories for 3TB, 3TC and 3TF contactors

#### Selection and ordering data

For contactor	Design	Order No.	List Price \$	Weight approx. kg	
<b>Size</b>	<b>Type</b>				
<b>Solid-state compatible auxiliary switch block with screw connections</b>					
 3TY7 561-1.	14	3TF68 and 3TF69	For mounting onto the side of contactors. For use in dusty atmosphere and electronic circuits with rated operational currents $I_e$ AC-14 and DC-13 from 1 mA to 300 mA at 3 V to 60 V. With 1 changeover contact. First or second auxiliary, left or right	1 unit	
	2 and 4	3TC44 ... 3TC48		<b>3TY7 561-1U A00</b>	<b>62.00</b> 0.042
<b>Interface for control by PLC</b>					
	14	3TF68 and 3TF69	Coil voltage tolerance: DC 17 V to 30 V Power consumption: 0.5 W at DC 24 V Fitted with varistor For technical data, see Part 7. For snapping onto the side of auxiliary switch blocks, with surge suppression	1 unit	
			<b>3TX7 090-0D</b>	<b>104.00</b> 0.1	
<b>Terminal covers for protection against inadvertent contact with the exposed busbar connections (DIN VDE 0106 Part 100)</b>					
 3TX7	14	3TF68	1 busbar connection, for screwing onto the free end of the screw	1 set	
		3TF69		(Order No. and price per set) <b>3TX7 686-0A</b> <b>96.00</b>	0.17 1 set = 2 units
 3TX6 526-3B	6	3TB50, 3TC48	M 6	(Order No. and price per set) <b>3TX6 506-3B</b> <b>42.50</b>	0.1 1 set = 6 units
	8	3TB52	M 8	<b>3TX6 526-3B</b> <b>69.00</b>	0.14
	10 and 14	3TB54 ... 3TB56, 3TC52, 3TC56	M 10	<b>3TX6 546-3B</b> <b>96.00</b>	0.26
<b>Link for paralleling (star jumper) - 3-pole, without terminal 1)</b>					
	14	3TF68		1 unit	
		<b>• Cover plate for link for paralleling</b>			
	14	3TF68	A cover plate must be used in order to protect against inadvertent contact (DIN VDE 0106 Part 100).	1 unit	
			<b>3TX7 680-0D</b> <b>65.00</b>	0.25 1	
			<b>3TX7 680-0E</b> <b>60.00</b>	0.18 1	
<b>Box terminals for laminated copper bars</b>					
		<b>• Without auxiliary conductor terminal</b>		1 set	
	14	3TF68	With single covers for protection against inadvertent contact (DIN VDE 0106 Part 100)	(Order No. and price per set)	
			<b>3TX7 570-1E</b> <b>239.00</b>	0.6 1 set= 3 units	
		<b>• With auxiliary conductor terminal</b>		(Order No. and price per set)	
	14	3TF68	With single covers for protection against inadvertent contact (DIN VDE 0106 Part 100)	<b>3TX7 570-1F</b> <b>186.00</b>	0.62 1 set= 3 units
	14	3TF69	Conductor cross-sections for auxiliary conductors: Solid: $2 \times (0.75 \dots 2.5) \text{ mm}^2$ Finely stranded with end sleeve: $2 \times (0.5 \dots 2.5) \text{ mm}^2$ Solid or stranded: $2 \times (18 \dots 12) \text{ AWG}$ Tightening torque: 0.8 Nm ... 1.4 Nm (7 ... 12 lb.in)	<b>3TX7 690-1F</b> <b>444.00</b>	2.0

1) The link for paralleling can be reduced by one pole.