

## High performance, tailor-made for your application

Will fit into any space: SIRIUS 3RT26  
capacitor contactors from 12.5 to 100 kvar

3RT26 capacitor contactors are the new special contactors for switching capacitive loads. They are based on the field-proven 3RT2 basic units and have precharging resistors that are decoupled again following attenuation of the switch-on peak current. 3RT26 capacitor contactors have a significantly higher service life than the predecessor type, with a simultaneous increase in performance. With the addition of performance classes in the intermediate sizes, the portfolio offers just the right contactor for your application. The 3RT26 series comprises devices switching up to 33 kvar with an overall width of 45 mm only and, on the basis of basic units with a width of 65 mm, up to 75 kvar, and up to 100 kvar with an overall width of 80 mm. 3RT26 capacitor contactors are frequently used for switching power contactors in reactive power compensation systems, and they are suitable here for



solutions with and without reactors. Capacitor contactors are recommended on the primary side even in the case of converters without precharging resistors and an unknown peak current value. For these and other applications, the options with integrated, unassigned auxiliary switches have been perceptibly expanded. 3RT26 capacitor contactors now offer a variant with two NC contacts (2NC) in all performance classes.

The new range is rounded off with variants for DC switching, approvals for global use, and accessories for the 3RT2 basic units. 3RT26 capacitor contactors are included in the modularly structured SIRIUS system. They are used in industry automation and building technology applications.

### At a glance

- Four sizes
- Extensive performance range: 12.5 kvar – 16.7 kvar – 20 kvar – 25 kvar – 33 kvar – 50 kvar – 75 kvar – 100 kvar
- Increased service life
- Space-saving: 45 mm width up to 33 kvar, 65 mm width up to 75 kvar, 80 mm width up to 100 kvar (incl. auxiliary switch block)
- Integrated operating mechanism variants: conventional and solid-state operating mechanism
- Application-oriented, flexible range of unassigned auxiliary switches: 2NC versions are available throughout the entire portfolio
- Extensive approvals for global use

# SIRIUS 3RT26 capacitor contactors: The ideal performance class for every application



Conventional oper. mechanism AC or DC operation	Utilization category AC-6b Contactors for switching capacitor banks Rated operational power at	Auxiliary contacts, unassigned		Article number
	400 V, 50/60 Hz kvar	Version	Version	
		 NO	 NC	
Size S00	0 ... 12.5	1	1	3RT2617-1 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 3
	0 ... 12.5	0	2	3RT2617-1 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 5
Size S0	6 ... 16.7	1	2	3RT2625-1 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 5
	7 ... 20	1	2	3RT2626-1 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 5
	8 ... 25	1	2	3RT2627-1 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 5
	11 ... 33	1	2	3RT2628-1 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 5
	17 ... 50	1	1	3RT2636-1 A <input type="checkbox"/> <input type="checkbox"/> 3
Size S2	17 ... 50	0	2	3RT2636-1 A <input type="checkbox"/> <input type="checkbox"/> 5
	25 ... 75	1	1	3RT2637-1 A <input type="checkbox"/> <input type="checkbox"/> 3
	25 ... 75	0	2	3RT2637-1 A <input type="checkbox"/> <input type="checkbox"/> 5
	25 ... 75	1	1	3RT2645-1 A <input type="checkbox"/> <input type="checkbox"/> 3
Size S3	25 ... 75	0	2	3RT2645-1 A <input type="checkbox"/> <input type="checkbox"/> 5
	33 ... 100	1	1	3RT2646-1 A <input type="checkbox"/> <input type="checkbox"/> 3
	33 ... 100	0	2	3RT2646-1 A <input type="checkbox"/> <input type="checkbox"/> 5

Screw terminals ↑ ↑ ↑ ↑

Conventional operating mechanism: <A> for AC operation; <B> for DC operation

Rated control supply voltage for AC operation: <B0> for 24 V AC; <F0> for 110 V AC; <P0> for 230 V AC

Rated control supply voltage for DC operation: <B4> for 24 V DC; <F4> for 110 V DC

Solid-state oper. mechanism AC/DC operation	400 V, 50/60 Hz kvar	Auxiliary contacts, unassigned		Article number
		Version	Version	
		 NO	 NC	
Size S0	6 ... 16.7	1	2	3RT2625-1 N <input type="checkbox"/> <input type="checkbox"/> 5
	7 ... 20	1	2	3RT2626-1 N <input type="checkbox"/> <input type="checkbox"/> 5
	8 ... 25	1	2	3RT2627-1 N <input type="checkbox"/> <input type="checkbox"/> 5
	11 ... 33	1	2	3RT2628-1 N <input type="checkbox"/> <input type="checkbox"/> 5
Size S2	17 ... 50	0	2	3RT2636-1 N <input type="checkbox"/> <input type="checkbox"/> 5
	25 ... 75	0	2	3RT2637-1 N <input type="checkbox"/> <input type="checkbox"/> 5
Size S3	25 ... 75	0	2	3RT2645-1 N <input type="checkbox"/> <input type="checkbox"/> 5
	33 ... 100	0	2	3RT2646-1 N <input type="checkbox"/> <input type="checkbox"/> 5

Screw terminals ↑ ↑ ↑ ↑

Solid-state operating mechanism: <N> for AC/DC operation

Rated control supply voltage for AC/DC operation:  
 For S0: <B3> for 21...28 V AC/DC; <F3> for 95...130 V AC/DC; <P3> for 200...280 V AC/DC  
 For S2: <B3> for 20...33 V AC/DC; <F3> for 83...155 V AC/DC; <P3> for 175...280 V AC/DC  
 For S3: <B3> for 20...33 V AC/DC; <F3> for 83...155 V AC/DC; <P3> for 175...280 V AC/DC

Subject to changes and errors. The information given in this document only contains general descriptions and/or performance features which may not always specifically reflect those described, or which may undergo modification in the course of further development of the products. The requested performance features are binding only when they are expressly agreed upon in the concluded contract.

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 P.O. Box 23 55  
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 Article No.: DFCP-B10121-01-7600  
 Dispo 27601 SB 09172.0  
 Printed in Germany  
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