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### Contactors for switching three-phase motors



**3RT10 contactors, 3-pole, up to 45 kW, with snap-on auxiliary switch blocks, sizes S00 to S3, with screw or Cage Clamp connections**

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### Contactor assemblies



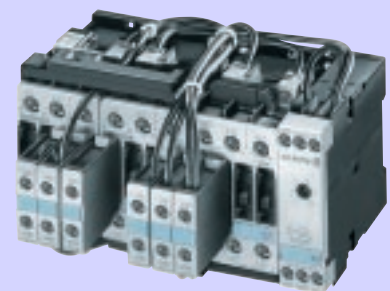
**3RA13 reversing contactor assemblies, 3 to 45 kW, sizes S00 to S3, with screw connections**

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**3RA14 contactor assemblies for star-delta starting, 3 to 75 kW, sizes S00 und S3, with screw connections**

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## Contactors for special applications



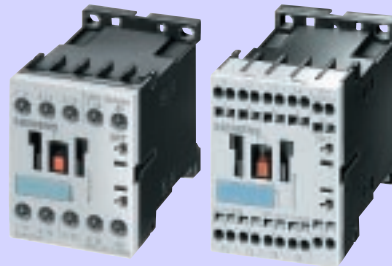
**3RT14 contactors,  $I_e/AC-1$ : 140 A, 3-pole, size S3, with snap-on auxiliary switch blocks, with screw connections**

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**3RT13 contactors,  $I_e/AC-1$ : 140 A, with 4 NO main contacts, sizes S00 to S3, with screw or Cage Clamp connections**

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**3RT15 contactors up to 18.5 kW, with 2 NO + 2 NC main contacts, sizes S00 to S2, with screw or Cage Clamp connections**

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**3RT10 coupling relays up to 11 kW (interface), 3-pole, sizes S00 und S0, with screw or Cage Clamp connections**

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**3RH11 and 3RT10 contactors with extended tolerance, 0.7 to  $1.25 \times U_s$  DC operation, DC solenoid system, sizes S00 to S3, with Cage Clamp connections**

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**3RT16 capacitor contactors up to 50 kvar, sizes S0 to S3, with screw connections**

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# Controlgear

## Contactors and Contactor Assemblies

### Contactors and contactor assemblies for switching three-phase motors



**3TG10 contactors, 4 kW, 4-pole**

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**3TF50 to 3TF57 contactors, 55 to 250 kW**

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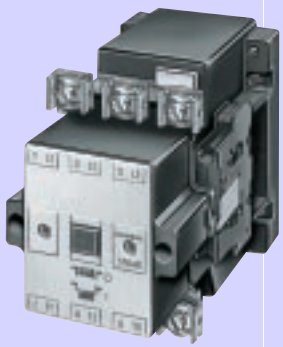
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**3TF68 und 3TF69 vacuum contactors, 335 and 450 kW**

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**3TB50 to 3TB56 contactors with DC solenoid system, 55 to 200 kW**

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**3TD50 to 3TD68 reversing contactor assemblies, 55 to 335 kW**

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**3TE50 to 3TE68 contactor assemblies for star-delta starting, 110 to 630 kW**

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### Contactors for special applications



#### 3TK1 and 3TK5 contactors, 190 to 1000 A, for switching resistive loads (AC-1)

##### Selection and ordering data

- 3TK50 to 3TK56 contactors, 3-pole AC and DC operation, 190 to 500 A
- 3TK10 to 3TK17 contactors, 4 NO main contacts, AC operation, 200 to 1000 A
- 3TK5 accessories
- 3TK1 accessories

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#### 3TC contactors, 32 to 400 A, for switching DC voltage, single-pole and 2-pole

##### Selection and ordering data

- 3TC44 to 3TC56 contactors, 2-pole AC and DC operation, 32 to 400 A/750 V
- 3TC74 contactors, 1-pole AC and DC operation, 400 A/750 V
- 3TC78 contactors, 2-pole AC and DC operation, 400 A/1500 V
- 3TC4 accessories
- 3TC7 accessories

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#### Contactors with extended tolerance, 0.7 to 1.25 × U<sub>s</sub>; DC solenoid system, 4 to 250 kW; 4 to 400 A

##### Selection and ordering data

- 3TH2 SIMICONT contactor relays, I<sub>e</sub>/AC-15: 4 A
- 3TH4 contactor relays, I<sub>e</sub>/AC-15: 10 A
- For switching AC voltage:
  - 3TF2 SIMICONT contactors, 4 kW
  - 3TF4 contactors, 4 to 30 kW
  - 3TB contactors, 37 to 200 kW
- For switching DC voltage:
  - 3TC contactors, up to 400 A / 750 V
- Spare parts

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#### 3RF1 semiconductor contactors, single-pole and 3-pole, 3.7 to 45 kW; 10 to 200 A

##### Selection and ordering data

- 3RF1, 1-pole AC and DC operation, I<sub>e</sub>/AC-1: 10 to 200 A
- 3RF1, 3-pole AC and DC operation, I<sub>e</sub>/AC-1: 25 to 80 A
- Accessories

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