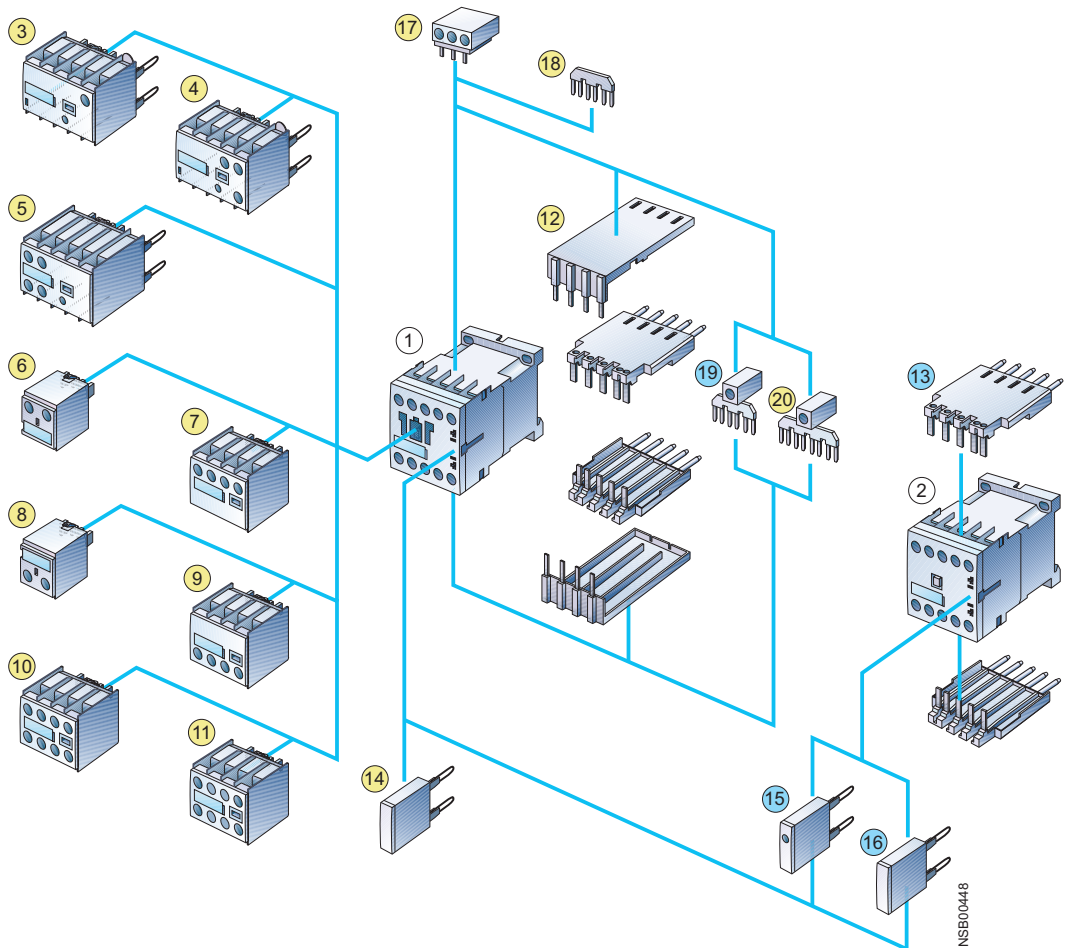# Contactors for Switching Motors

General data

Overview

**3RT1 contactors and coupling relays
Size S00 with mountable accessories**

The SIRIUS generation is a complete, modular system family, logically designed right down to the last detail, from the basic units to the accessories.
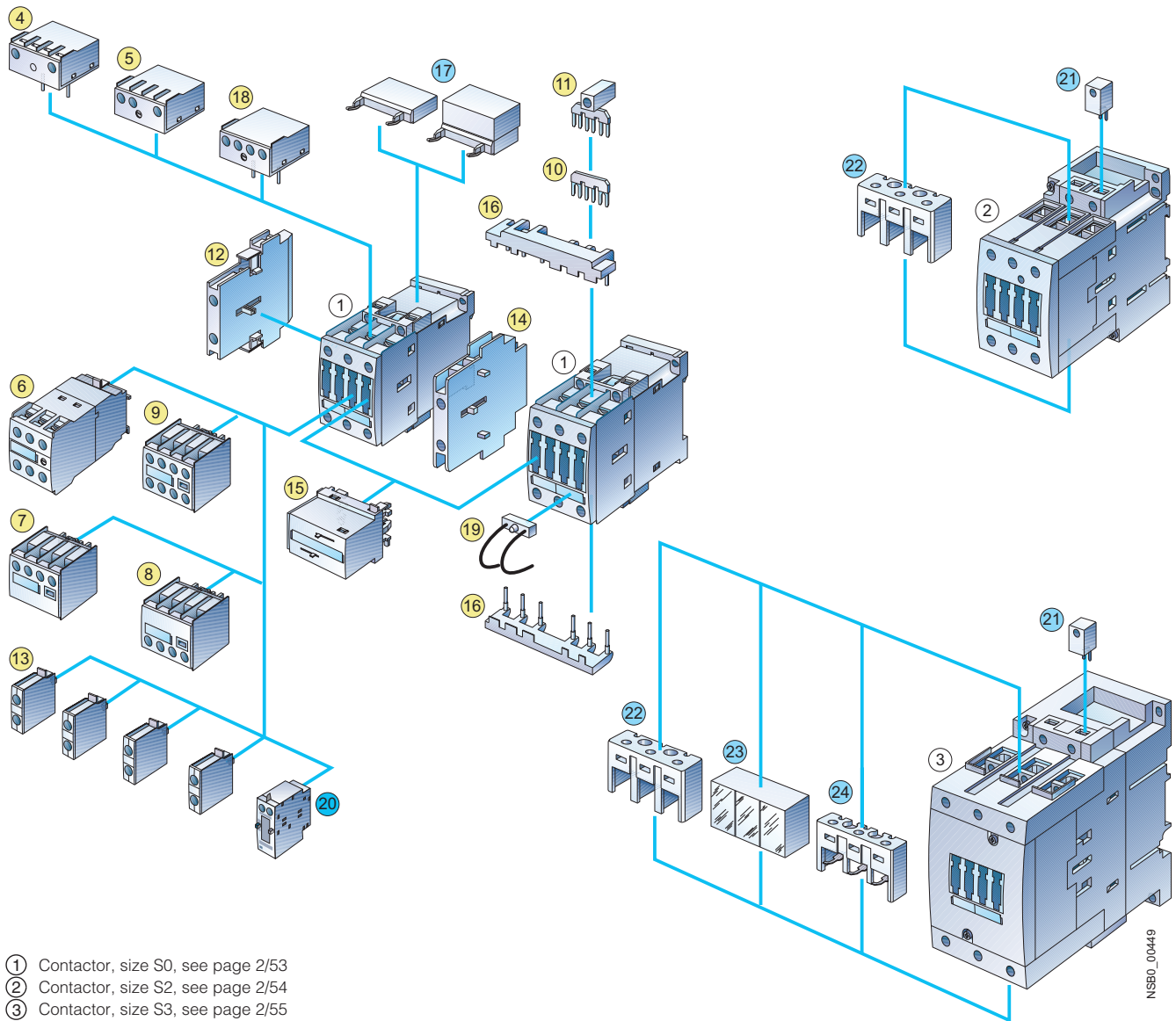

NSB00448

1. Contactor (page 2/52)
2. Coupling relay (page 2/86)
3. Solid-state time-delay block, ON-delay (page 2/185)
4. Solid-state time-delay block, OFF-delay (page 2/185)
5. Auxiliary switch block, solid-state time-delay (page 2/184) (ON or OFF-delay or star-delta function)
6. Single-pole auxiliary switch block, cable entry from above (page 2/180)
7. 2-pole auxiliary switch block, cable entry from above (page 2/180)
8. Single-pole auxiliary switch block, cable entry from below (page 2/180)
9. 2-pole auxiliary switch block, cable entry from below (page 2/180)
10. 4-pole auxiliary switch block (page 2/180) (terminal designations acc. to EN 50012 or EN 50005)
11. 2-pole auxiliary switch block, standard design or solid-state compatible design (pages 2/180, 2/183) (terminal designations acc. to EN 50005)
12. Solder pin adapter for contactors with 4-pole auxiliary switch block (page 2/190)
13. Solder pin adapter for contactors and coupling relays (page 2/189)

14. Additional load module for increasing the permissible residual current (page 2/188)
15. Surge suppressor with LED (page 2/187)
16. Surge suppressor without LED (page 2/186)
17. 3-phase feeder terminal (page 2/113)
18. Link for paralleling (star jumper), 3-pole, without terminal (page 2/113)
19. Link for paralleling, 3-pole, with terminal (page 2/190)
20. Link for paralleling, 4-pole, with terminal (page 2/190)

○ for contactors
○ for contactors and coupling relays (interface)

For contactor assemblies see Pages 2/94 to 2/102
Assembly kit for reversing contactor assemblies (mech. interlocking, wiring modules) see Page 2/101
For mountable overload relays see protection devices: Overload relays -> SIRIUS overload relays.
For short-circuit protection for fuseless load feeders, see Load feeders -> Fuseless load feeders.

3RT1 contactors
Sizes S0 to S3 with mountable accessories

NSB0_00449

① Contactor, size S0, see page 2/53
② Contactor, size S2, see page 2/54
③ Contactor, size S3, see page 2/55

For sizes S0 to S3:

④ Solid-state time-delay block, ON-delay (page 2/185)
⑤ Solid-state time-delay block, OFF-delay (page 2/185)
⑥ Auxiliary switch block, solid-state time-delay (page 2/184)
  (ON or OFF-delay or star-delta function)
⑦ 2-pole auxiliary switch block, cable entry from above (page 2/181)
⑧ 2-pole auxiliary switch block, cable entry from below (page 2/181)
⑨ 4-pole auxiliary switch block (page 2/181)
  (terminal designations acc. to EN 50012 or EN 50005)
⑩ Link for paralleling (star jumper), 3-pole,
  without terminal (page 2/113)
⑪ Link for paralleling, 3-pole, with terminal (page 2/190)
⑫ 2-pole auxiliary switch block, laterally mountable (left or right)
  (page 2/182) (terminal designations acc. to EN 50012 or EN 50005)
⑬ Single-pole auxiliary switch block (up to 4 can be snapped on)
  (page 2/181)
⑭ Mechanical interlock, laterally mountable (page 2/100)
⑮ Mechanical interlock, mountable on the front (page 2/100)

⑯ Wiring connectors on the top and bottom (reversing duty) (page 2/102)
⑰ Surge suppressors (page 2/186) (varistor, RC element,
  diode assembly), can be mounted on the top or bottom (different for
  S0 and S2/S3)
⑱ Interface for mounting directly onto contactor coil (page 2/189)
⑲ LED module for indicating contactor operation (page 2/189)

Only for sizes S2 and S3:

⑳ Mechanical latching

Only for sizes S2 and S3:

㉑ Repeat coil terminal for making reversing contactor assemblies
  (page 2/100)
㉒ Terminal cover for box terminals (page 2/191)

Only for size S3:

㉓ Terminal cover for cable lug and busbar connection
  (page 2/191)
㉔ Auxiliary conductor terminal, 3-pole (page 2/189)

○ Accessories identical for sizes S0 to S3
○ Accessories differ according to size