

# Power Contactors for Switching Motors

## Accessories and Spare Parts for SIRIUS 3RT Contactors and SIRIUS 3RH2 Contactor Relays Accessories

### Link modules

#### Selection and ordering data

|                                                                                   | For contactors | Size | Version                                 | SD | Article No. | Price per PU | PU (UNIT, SET, M) | PS*    | PG  |
|-----------------------------------------------------------------------------------|----------------|------|-----------------------------------------|----|-------------|--------------|-------------------|--------|-----|
|                                                                                   | Type           |      |                                         | d  |             |              |                   |        |     |
| Safety main circuit connectors for two contactors                                 |                |      |                                         |    |             |              |                   |        |     |
|  | 3RT2.1         | S00  | For series connection of two contactors | 2  | 3RA2916-1A  |              | 1                 | 1 unit | 41B |
|                                                                                   | 3RT2.2         | S0   |                                         | 2  | 3RA2926-1A  |              | 1                 | 1 unit | 41B |
|                                                                                   | 3RT2.3         | S2   |                                         | 2  | 3RA2936-1A  |              | 1                 | 1 unit | 41B |
|                                                                                   |                |      |                                         |    |             |              |                   |        |     |
| 3RA2926-1A                                                                        |                |      |                                         |    |             |              |                   |        |     |

PU (UNIT, SET, M) = 1  
 PS\* = 1 unit (unless otherwise specified)  
 PG = 41B

| For contactors | Size | Version | SD | Article No. | Price per PU | SD | Article No. | Price per PU |
|----------------|------|---------|----|-------------|--------------|----|-------------|--------------|
| Type           |      |         | d  |             |              | d  |             |              |

#### Assembly kits for reversing contactor assemblies for making 3-pole contactor assemblies

|                                                                                     |        |                |                                                                                                                                                                                                                                                                          | <b>Screw terminals</b>  | <b>Spring-type terminals</b>  |
|-------------------------------------------------------------------------------------|--------|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
|    | 3RT201 | <b>S00-S00</b> | The assembly kit contains:<br>Mechanical interlock,<br>two connecting clips for two contactors,<br>wiring modules on the top and bottom<br>• For main, auxiliary and control circuits ▶                                                                                  | <b>3RA2913-2AA1</b>                                                                                        | <b>3RA2913-2AA2</b>                                                                                              |
|                                                                                     | 3RT202 | <b>S0-S0</b>   | The assembly kit contains:<br>Mechanical interlock,<br>two connecting clips for two contactors,<br>wiring modules on the top and bottom<br>• For main, auxiliary and control circuits <sup>1)</sup> ▶<br>• Only for main circuit <sup>2)</sup>                           | <b>3RA2923-2AA1</b><br>--                                                                                  | --<br>▶ <b>3RA2923-2AA2</b>                                                                                      |
|                                                                                     | 3RT203 | <b>S2-S2</b>   | The assembly kit contains:<br>Two connectors for two contactors,<br>wiring modules on the top and bottom<br>(3RA2934-2B mechanical interlock must be ordered separately, see page 3/114)<br>• For main and auxiliary circuits ▶<br>• Only for main circuit <sup>3)</sup> | <b>3RA2933-2AA1</b><br>--                                                                                  | --<br>▶ <b>3RA2933-2AA2</b>                                                                                      |
|  | 3RT204 | <b>S3-S3</b>   | The assembly kit contains:<br>Two connectors for two contactors,<br>wiring modules on the top and bottom<br>(3RA2934-2B mechanical interlock must be ordered separately, see page 3/114)<br>• For main and auxiliary circuits ▶<br>• Only for main circuit <sup>3)</sup> | <b>3RA2943-2AA1</b><br>--                                                                                  | --<br>▶ <b>3RA2943-2AA2</b>                                                                                      |
|                                                                                     | 3RT1.5 | <b>S6-S6</b>   | The assembly kit contains:<br>Wiring modules on the top and bottom                                                                                                                                                                                                       | <b>3RA1953-2A</b>                                                                                          | <b>3RA1953-2A</b>                                                                                                |
|                                                                                     | 3RT1.6 | <b>S10-S10</b> |                                                                                                                                                                                                                                                                          | <b>3RA1963-2A</b>                                                                                          | <b>3RA1963-2A</b>                                                                                                |
|  | 3RT1.7 | <b>S12-S12</b> |                                                                                                                                                                                                                                                                          | <b>3RA1973-2A</b>                                                                                          | <b>3RA1973-2A</b>                                                                                                |
|                                                                                     |        |                |                                                                                                                                                                                                                                                                          |                                                                                                            |                                                                                                                  |
|  |        |                |                                                                                                                                                                                                                                                                          |                                                                                                            |                                                                                                                  |
|                                                                                     |        |                |                                                                                                                                                                                                                                                                          |                                                                                                            |                                                                                                                  |

<sup>1)</sup> Use of the 3RA2923-2AA1 assembly kit in conjunction with the 3RT202-.....-3MA0 contactors is limited because the auxiliary switches in the basic unit are not allowed to be used on account of the permanently mounted auxiliary switch block.

<sup>2)</sup> Version in size S0 with spring-type terminals:  
Only the wiring modules for the main circuit are included.  
No connecting clips are included for the auxiliary and control circuit.

<sup>3)</sup> Version in sizes S2 and S3 with spring-type terminals in the auxiliary and control circuits: Only the wiring modules for the main circuit are included. A cable set is included for the auxiliary circuit.

## Reversing Contactor Assemblies

## SIRIUS 3RA23 reversing contactor assemblies, up to 55 kW

## Sizes S00 to S3

| Rated data AC-2 and AC-3<br>for 50 Hz 400 V AC |                                | Size | Type                                                                                                    |                                  |                                                          |
|------------------------------------------------|--------------------------------|------|---------------------------------------------------------------------------------------------------------|----------------------------------|----------------------------------------------------------|
| Rating<br>kW                                   | Operational current $I_e$<br>A |      | Contactor<br>(See from page 3/55<br>onwards)                                                            | Assembly kit<br>(See page 3/110) | Fully-wired and tested reversing<br>contactor assemblies |
|                                                |                                |      |  Screw terminals       |                                  |                                                          |
| 3                                              | 7                              | S00  | 3RT2015-1...2                                                                                           | 3RA2913-2AA 1                    | 3RA2315-8XB30-1...                                       |
| 4                                              | 9                              |      | 3RT2016-1...2                                                                                           | 3RA2913-2AA 1                    | 3RA2316-8XB30-1...                                       |
| 5.5                                            | 12                             |      | 3RT2017-1...2                                                                                           | 3RA2913-2AA 1                    | 3RA2317-8XB30-1...                                       |
| 7.5                                            | 16                             |      | 3RT2018-1...2                                                                                           | 3RA2913-2AA 1                    | 3RA2318-8XB30-1...                                       |
| 5.5                                            | 12                             | S0   | 3RT2024-1...0                                                                                           | 3RA2923-2AA 1                    | 3RA2324-8XB30-1...                                       |
| 7.5                                            | 16                             |      | 3RT2025-1...0                                                                                           | 3RA2923-2AA 1                    | 3RA2325-8XB30-1...                                       |
| 11                                             | 25                             |      | 3RT2026-1...0                                                                                           | 3RA2923-2AA 1                    | 3RA2326-8XB30-1...                                       |
| 15                                             | 32                             |      | 3RT2027-1...0                                                                                           | 3RA2923-2AA 1                    | 3RA2327-8XB30-1...                                       |
| 18.5                                           | 38                             |      | 3RT2028-1...0                                                                                           | 3RA2923-2AA 1                    | 3RA2328-8XB30-1...                                       |
| 18.5                                           | 40                             | S2   | 3RT2035-1...0                                                                                           | 3RA2933-2AA 1                    | 3RA2335-8XB30-1...                                       |
| 22                                             | 55                             |      | 3RT2036-1...0                                                                                           | 3RA2933-2AA 1                    | 3RA2336-8XB30-1...                                       |
| 30                                             | 65                             |      | 3RT2037-1...0                                                                                           | 3RA2933-2AA 1                    | 3RA2337-8XB30-1...                                       |
| 37                                             | 80                             |      | 3RT2038-1...0                                                                                           | 3RA2933-2AA 1                    | 3RA2338-8XB30-1...                                       |
| 37                                             | 80                             | S3   | 3RT2045-1...0                                                                                           | 3RA2943-2AA 1                    | 3RA2345-8XB30-1...                                       |
| 45                                             | 90                             |      | 3RT2046-1...0                                                                                           | 3RA2943-2AA 1                    | 3RA2346-8XB30-1...                                       |
| 55                                             | 110                            |      | 3RT2047-1...0                                                                                           | 3RA2943-2AA 1                    | 3RA2347-8XB30-1...                                       |
|                                                |                                |      |  Spring-type terminals |                                  |                                                          |
| 3                                              | 7                              | S00  | 3RT2015-2...2                                                                                           | 3RA2913-2AA2                     | 3RA2315-8XB30-2...                                       |
| 4                                              | 9                              |      | 3RT2016-2...2                                                                                           | 3RA2913-2AA2                     | 3RA2316-8XB30-2...                                       |
| 5.5                                            | 12                             |      | 3RT2017-2...2                                                                                           | 3RA2913-2AA2                     | 3RA2317-8XB30-2...                                       |
| 7.5                                            | 16                             |      | 3RT2018-2...2                                                                                           | 3RA2913-2AA2                     | 3RA2318-8XB30-2...                                       |
| 5.5                                            | 12                             | S0   | 3RT2024-2...0                                                                                           | 3RA2923-2AA2                     | 3RA2324-8XB30-2...                                       |
| 7.5                                            | 16                             |      | 3RT2025-2...0                                                                                           | 3RA2923-2AA2                     | 3RA2325-8XB30-2...                                       |
| 11                                             | 25                             |      | 3RT2026-2...0                                                                                           | 3RA2923-2AA2                     | 3RA2326-8XB30-2...                                       |
| 15                                             | 32                             |      | 3RT2027-2...0                                                                                           | 3RA2923-2AA2                     | 3RA2327-8XB30-2...                                       |
| 18.5                                           | 38                             |      | 3RT2028-2...0                                                                                           | 3RA2923-2AA2                     | 3RA2328-8XB30-2...                                       |

## Note:

The 3RA2934-2B mechanical interlock for sizes S2 and S3 must be ordered separately, [see page 3/114](#).

## Article No. scheme

| Product versions                           |                                                        | Article number                                                                                                                                                                                                                                                                                      |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |
|--------------------------------------------|--------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| <b>SIRIUS reversing contactor assembly</b> |                                                        | <b>3RA23</b> <input type="checkbox"/> <input type="checkbox"/> - <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> - <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |
| Size of the contactor                      | e.g. 4 = S3                                            | <input type="checkbox"/>                                                                                                                                                                                                                                                                            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Rating dependent on size                   | e.g. 5 = 37 kW for size S3                             | <input type="checkbox"/>                                                                                                                                                                                                                                                                            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Type of overload relay                     | e.g. 8X = without                                      | <input type="checkbox"/>                                                                                                                                                                                                                                                                            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Assembly                                   | e.g. E = communication-capable installation            | <input type="checkbox"/>                                                                                                                                                                                                                                                                            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Interlock                                  | e.g. 3 = mechanical and electrical                     | <input type="checkbox"/>                                                                                                                                                                                                                                                                            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Free auxiliary switches                    | e.g. 0 = S3: 2 NO total                                | <input type="checkbox"/>                                                                                                                                                                                                                                                                            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Type of electrical connection              | e.g. 1 = screw terminals (main and auxiliary circuits) | <input type="checkbox"/>                                                                                                                                                                                                                                                                            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Operating range/solenoid coil circuit      | e.g. A = AC standard/without coil circuit              | <input type="checkbox"/>                                                                                                                                                                                                                                                                            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Rated control supply voltage               | e.g. L2 = 230 V AC, 50/60 Hz                           | <input type="checkbox"/>                                                                                                                                                                                                                                                                            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Example                                    |                                                        | <b>3RA23 4 5 - 8 X E 3 0 - 1 A L 2</b>                                                                                                                                                                                                                                                              |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |

## Note:

The Article No. scheme shows an overview of product versions for better understanding of the logic behind the article numbers.

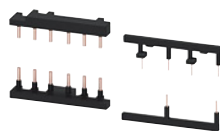
For your orders, please use the article numbers quoted in the selection and ordering data.

# Load Feeders and Motor Starters for Use in the Control Cabinet

## SIRIUS 3RA2 Load Feeders

### Accessories

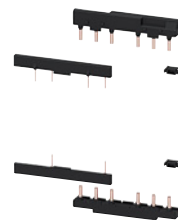
PU (UNIT, SET, M) = 1  
 PS\* = 1 unit (unless otherwise specified)  
 PG = 41B



3RA2923-2AA1



3RA2923-2AA2



3RA2933-2AA1

| For con-<br>tactors                                                                                | Size           | Version                                                                                                                                                                                                                                                                                    | SD | <b>Screw terminals</b>    | SD              | <b>Spring-type terminals</b>  |
|----------------------------------------------------------------------------------------------------|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|---------------------------|-----------------|-------------------------------|
| Type                                                                                               |                |                                                                                                                                                                                                                                                                                            | d  | Article No.               | Price<br>per PU | d Article No. Price<br>per PU |
| <b>Assembly kits for reversing contactor assemblies<br/>for making 3-pole contactor assemblies</b> |                |                                                                                                                                                                                                                                                                                            |    |                           |                 |                               |
| 3RT01                                                                                              | <b>S00-S00</b> | The assembly kit contains:<br>Mechanical interlock,<br>two connecting clips for two contactors,<br>wiring modules on the top and bottom<br>• For main, auxiliary and control circuits                                                                                                      | ►  | <b>3RA2913-2AA1</b>       | ►               | <b>3RA2913-2AA2</b>           |
| 3RT02                                                                                              | <b>S0-S0</b>   | The assembly kit contains:<br>Mechanical interlock,<br>two connecting clips for two contactors,<br>wiring modules on the top and bottom<br>• For main, auxiliary and control circuits <sup>1)</sup><br>• Only for main circuit <sup>2)</sup>                                               | ►  | <b>3RA2923-2AA1</b><br>-- | ►               | --<br><b>3RA2923-2AA2</b>     |
| 3RT03                                                                                              | <b>S2-S2</b>   | The assembly kit contains:<br>Two connectors for two contactors,<br>wiring modules on the top and bottom<br>(3RA2934-2B mechanical interlock must be ordered<br>separately, <a href="#">see page 3/114</a> )<br>• For main and auxiliary circuits<br>• Only for main circuit <sup>3)</sup> | ►  | <b>3RA2933-2AA1</b><br>-- | 5               | --<br><b>3RA2933-2AA2</b>     |
| 3RT04                                                                                              | <b>S3-S3</b>   | The assembly kit contains:<br>Two connectors for two contactors,<br>wiring modules on the top and bottom<br>(3RA2934-2B mechanical interlock must be ordered<br>separately, <a href="#">see page 3/114</a> )<br>• For main and auxiliary circuits<br>• Only for main circuit <sup>3)</sup> | 2  | <b>3RA2943-2AA1</b><br>-- | 2               | --<br><b>3RA2943-2AA2</b>     |

<sup>1)</sup> Use of the 3RA2923-2AA1 assembly kit in conjunction with the 3RT02-.....-3MA0 contactors is limited because the auxiliary switches in the basic unit are not allowed to be used on account of the permanently mounted auxiliary switch block.

<sup>2)</sup> Version in size S0 with spring-type terminals:  
Only the wiring modules for the main circuit are included.  
No connecting clips are included for the auxiliary and control circuit.

<sup>3)</sup> Version in sizes S2 and S3 with spring-type terminals in the auxiliary and control circuits: Only the wiring modules for the main circuit are included.  
A cable set is included for the auxiliary circuit.