

# Motor Starter Protectors/Circuit Breakers

## SIRIUS 3RV1 Motor Starter Protectors/Circuit Breakers up to 100 A

### Accessories

#### Mounting accessories

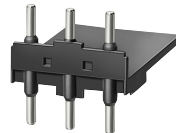
#### Link modules

| Actuating voltage of<br>contactor | Size<br>Contactor | Motor starter<br>protectors/circuit<br>breakers | DT | Screw terminals |  | PU<br>(UNIT,<br>SET, M) | PS* | PG |
|-----------------------------------|-------------------|-------------------------------------------------|----|-----------------|-------------------------------------------------------------------------------------|-------------------------|-----|----|
|                                   |                   |                                                 |    | Article No.     | Price<br>per PU                                                                     |                         |     |    |

#### Link modules for motor starter protector/circuit breaker to contactor<sup>1)</sup>

For mechanical and electrical connection between motor starter protector and contactor with screw terminals

##### Single-unit packaging

|                                                                                     |       |     |     |   |                      |   |          |     |
|-------------------------------------------------------------------------------------|-------|-----|-----|---|----------------------|---|----------|-----|
|    | AC/DC | S00 | S00 | ▶ | <b>3RA1911-1AA00</b> | 1 | 1 unit   | 41B |
|                                                                                     |       | S00 | S0  | ▶ | <b>3RA1921-1DA00</b> | 1 | 1 unit   | 41B |
|                                                                                     |       | S0  | S0  | ▶ | <b>3RA1921-1AA00</b> | 1 | 1 unit   | 41B |
|    | AC    | S2  | S2  | ▶ | <b>3RA1931-1AA00</b> | 1 | 1 unit   | 41B |
|                                                                                     |       | S3  | S3  | ▶ | <b>3RA1941-1AA00</b> | 1 | 1 unit   | 41B |
|                                                                                     |       | S0  | S0  | ▶ | <b>3RA1921-1BA00</b> | 1 | 1 unit   | 41B |
|    | DC    | S2  | S2  | ▶ | <b>3RA1931-1BA00</b> | 1 | 1 unit   | 41B |
|                                                                                     |       | S3  | S3  | ▶ | <b>3RA1941-1BA00</b> | 1 | 1 unit   | 41B |
|                                                                                     |       | S0  | S0  | ▶ | <b>3RA1921-1A</b>    | 1 | 10 units | 41B |
|   | AC    | S0  | S0  | ▶ | <b>3RA1921-1A</b>    | 1 | 10 units | 41B |
|                                                                                     |       | S2  | S2  | ▶ | <b>3RA1931-1A</b>    | 1 | 5 units  | 41B |
|                                                                                     |       | S3  | S3  | ▶ | <b>3RA1941-1A</b>    | 1 | 5 units  | 41B |
|  | DC    | S0  | S0  | ▶ | <b>3RA1921-1B</b>    | 1 | 10 units | 41B |
|                                                                                     |       | S2  | S2  | ▶ | <b>3RA1931-1B</b>    | 1 | 5 units  | 41B |
|                                                                                     |       | S3  | S3  | ▶ | <b>3RA1941-1B</b>    | 1 | 5 units  | 41B |

3RA1931-1A

#### Hybrid link modules for motor starter protector to contactor<sup>1)</sup>

Mechanical and electrical connection between motor starter protector with screw terminals and contactor with spring-type terminals

##### Single-unit packaging

|                                                                                     |       |     |     |   |                      |   |          |     |
|-------------------------------------------------------------------------------------|-------|-----|-----|---|----------------------|---|----------|-----|
|  | AC/DC | S00 | S00 | ▶ | <b>3RA1911-2FA00</b> | 1 | 1 unit   | 41B |
|                                                                                     |       | S00 | S0  | ▶ | <b>3RA1921-2FA00</b> | 1 | 1 unit   | 41B |
|  | AC/DC | S00 | S00 | ▶ | <b>3RA1911-2F</b>    | 1 | 10 units | 41B |
|                                                                                     |       | S00 | S0  | ▶ | <b>3RA1921-2F</b>    | 1 | 10 units | 41B |

3RA1911-2FA00

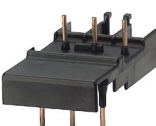
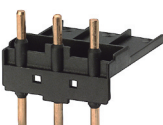
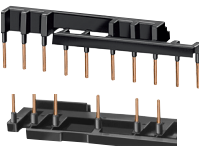
3RA1911-2F

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

## SIRIUS 3RA1 Load Feeders

### Accessories

#### Accessories for 3RA1 direct-on-line and reversing starters

|                                                                                                       | For motor starter protectors | For contactors | Version                                                                                                                                                                | DT                                                                                 | Article No.   | Price per PU  | PU (UNIT, SET, M) | PS*      | PG  |
|-------------------------------------------------------------------------------------------------------|------------------------------|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------|---------------|-------------------|----------|-----|
|                                                                                                       | Size                         | Size           |                                                                                                                                                                        |                                                                                    |               |               |                   |          |     |
| Link modules                                                                                          |                              |                |                                                                                                                                                                        |                                                                                    |               |               |                   |          |     |
|                      | 3RA1911-1A                   |                | Electrical and mechanical link between motor starter protector and contactor.                                                                                          |                                                                                    |               |               |                   |          |     |
|                      | 3RA1921-1A                   |                | Single-unit packaging                                                                                                                                                  |                                                                                    |               |               |                   |          |     |
|                                                                                                       |                              |                | Actuating voltage of contactor                                                                                                                                         |                                                                                    |               |               |                   |          |     |
|                                                                                                       | S00                          | S00            | AC and DC                                                                                                                                                              | ▶                                                                                  | 3RA1911-1AA00 |               | 1                 | 1 unit   | 41B |
|                                                                                                       | S0                           | S00            |                                                                                                                                                                        | ▶                                                                                  | 3RA1921-1DA00 |               | 1                 | 1 unit   | 41B |
|                                                                                                       | S0                           | S0             | AC                                                                                                                                                                     | ▶                                                                                  | 3RA1921-1AA00 |               | 1                 | 1 unit   | 41B |
|                                                                                                       | S2                           | S2             |                                                                                                                                                                        | ▶                                                                                  | 3RA1931-1AA00 |               | 1                 | 1 unit   | 41B |
|                                                                                                       | S3                           | S3             |                                                                                                                                                                        | ▶                                                                                  | 3RA1941-1AA00 |               | 1                 | 1 unit   | 41B |
|                                                                                                       | S0                           | S0             | DC                                                                                                                                                                     | ▶                                                                                  | 3RA1921-1BA00 |               | 1                 | 1 unit   | 41B |
|                                                                                                       | S2                           | S2             |                                                                                                                                                                        | ▶                                                                                  | 3RA1931-1BA00 |               | 1                 | 1 unit   | 41B |
|                                                                                                       | S3                           | S3             |                                                                                                                                                                        | ▶                                                                                  | 3RA1941-1BA00 |               | 1                 | 1 unit   | 41B |
|                      | 3RA1931-1A                   |                | Multi-unit packaging                                                                                                                                                   |                                                                                    |               |               |                   |          |     |
|                                                                                                       |                              |                | Actuating voltage of contactor                                                                                                                                         |                                                                                    |               |               |                   |          |     |
|                                                                                                       | S00                          | S00            | AC and DC                                                                                                                                                              | ▶                                                                                  | 3RA1911-1A    |               | 1                 | 10 units | 41B |
|                                                                                                       | S0                           | S00            |                                                                                                                                                                        | ▶                                                                                  | 3RA1921-1D    |               | 1                 | 10 units | 41B |
|                                                                                                       | S0                           | S0             | AC                                                                                                                                                                     | ▶                                                                                  | 3RA1921-1A    |               | 1                 | 10 units | 41B |
|                                                                                                       | S2                           | S2             |                                                                                                                                                                        | ▶                                                                                  | 3RA1931-1A    |               | 1                 | 5 units  | 41B |
|                                                                                                       | S3                           | S3             |                                                                                                                                                                        | ▶                                                                                  | 3RA1941-1A    |               | 1                 | 5 units  | 41B |
|                                                                                                       | S0                           | S0             | DC                                                                                                                                                                     | ▶                                                                                  | 3RA1921-1B    |               | 1                 | 10 units | 41B |
|                                                                                                       | S2                           | S2             |                                                                                                                                                                        | ▶                                                                                  | 3RA1931-1B    |               | 1                 | 5 units  | 41B |
|                                                                                                       | S3                           | S3             |                                                                                                                                                                        | ▶                                                                                  | 3RA1941-1B    |               | 1                 | 5 units  | 41B |
| Hybrid link modules                                                                                   |                              |                |                                                                                                                                                                        |                                                                                    |               |               |                   |          |     |
|                    | 3RA1921-2FA00                |                | Screw terminals Cage Clamp terminals Electrical and mechanical connection between motor starter protector with screw terminals and contactor with Cage Clamp terminals |                                                                                    |               |               |                   |          |     |
|                                                                                                       |                              |                | Single-unit packaging                                                                                                                                                  |                                                                                    |               |               |                   |          |     |
|                                                                                                       |                              |                | Actuating voltage of contactor                                                                                                                                         |                                                                                    |               |               |                   |          |     |
|                                                                                                       | S00                          | S00            | AC and DC                                                                                                                                                              | ▶                                                                                  | 3RA1911-2FA00 |               | 1                 | 1 unit   | 41B |
|                                                                                                       | S0                           | S00            |                                                                                                                                                                        | ▶                                                                                  | 3RA1921-2FA00 |               | 1                 | 1 unit   | 41B |
|                                                                                                       |                              |                | Multi-unit packaging                                                                                                                                                   |                                                                                    |               |               |                   |          |     |
|                                                                                                       |                              |                | Actuating voltage of contactor                                                                                                                                         |                                                                                    |               |               |                   |          |     |
|                                                                                                       | S00                          | S00            | AC and DC                                                                                                                                                              | ▶                                                                                  | 3RA1911-2F    |               | 1                 | 10 units | 41B |
|                                                                                                       | S0                           | S00            |                                                                                                                                                                        | ▶                                                                                  | 3RA1921-2F    |               | 1                 | 10 units | 41B |
| Wiring kit                                                                                            |                              |                |                                                                                                                                                                        |                                                                                    |               |               |                   |          |     |
|                    | 3RA1913-2A                   | --             | S00                                                                                                                                                                    | Reversing duty                                                                     | ▶             | 3RA1913-2A    | 1                 | 1 unit   | 41B |
|                                                                                                       |                              |                | S0                                                                                                                                                                     | Electrical and mechanical link for reversing contactors.                           | ▶             | 3RA1923-2A    | 1                 | 1 unit   | 41B |
|                                                                                                       |                              |                | S2                                                                                                                                                                     | Can be combined with link module.                                                  | ▶             | 3RA1933-2A    | 1                 | 1 unit   | 41B |
|                                                                                                       |                              |                | S3                                                                                                                                                                     | For size S00: Optionally with integrated electrical and mechanical locking device. | ▶             | 3RA1943-2A    | 1                 | 1 unit   | 41B |
|                                                                                                       |                              |                |                                                                                                                                                                        | For sizes S0 to S3: Mechanical locking device must be ordered separately.          |               |               |                   |          |     |
|                    | 3RA1913-2B                   | --             | S00                                                                                                                                                                    | Wye-delta starting                                                                 | A             | 3RA1913-2B    | 1                 | 1 unit   | 41B |
|                                                                                                       |                              |                | S0                                                                                                                                                                     | Electrical and mechanical link for three contactors of same size                   | ▶             | 3RA1923-2B    | 1                 | 1 unit   | 41B |
|                                                                                                       |                              |                | S2                                                                                                                                                                     |                                                                                    | ▶             | 3RA1933-2B    | 1                 | 1 unit   | 41B |
|                                                                                                       |                              |                | S3                                                                                                                                                                     |                                                                                    | ▶             | 3RA1943-2B    | 1                 | 1 unit   | 41B |
| Connection modules for contactors with screw terminals (can be used only for direct-on-line starters) |                              |                |                                                                                                                                                                        |                                                                                    |               |               |                   |          |     |
|                    | 3RT1926-4RD01                | --             | S00                                                                                                                                                                    | Adapters for contactors                                                            | B             | 3RT1916-4RD01 | 1                 | 1 unit   | 41B |
|                                                                                                       |                              |                |                                                                                                                                                                        | Ambient temperature $T_u \text{ max} = 60\text{ °C}$                               |               |               |                   |          |     |
|                                                                                                       |                              | --             | S0                                                                                                                                                                     | Size S00, rated operational current $I_g$ at AC-3/400 V: 20 A                      | B             | 3RT1926-4RD01 | 1                 | 1 unit   | 41B |
|                    | 3RT1900-4RE01                | --             | S00, S0                                                                                                                                                                | Plugs for contactors                                                               | B             | 3RT1900-4RE01 | 1                 | 1 unit   | 41B |
|                                                                                                       |                              |                |                                                                                                                                                                        | Size S00, S0                                                                       |               |               |                   |          |     |