

Contactors and Contactor Assemblies

Control Relays, Coupling Relays

SIRIUS



3RH11 control relays, size S00

Selection and ordering data AC and DC operation



3RH11...-1...



3RH11...-2...

| Rated operational current NEMA A600 / P600 | Contacts | | Rated control supply voltage U_s | Screw connection | | Cage Clamp connection | | Weight approx. kg | Pack. Units |
|---|------------|--------|---------------------------------------|------------------|---------------|-----------------------|---------------|----------------------|----------------|
| | Ident. no. | Design | | Order No. | List Price \$ | Order No. | List Price \$ | | |
| | | | | | | | | | |

For screwing and snapping onto 35 mm standard mounting rail

AC operation

• Size S00

Terminal designations according to EN 50 011

| | | | | | | | |
|-------------|---|---|---|---|---|------|---|
| 40 E | 4 | – | 24 V 50/60 Hz 120 V 60 Hz 240 V 60 Hz | 3RH11 40-1AB00 3RH11 40-1AK60 3RH11 40-1AP60 | 3RH11 40-2AB00 3RH11 40-2AK60 3RH11 40-2AP60 | 0.19 | 1 |
| 31 E | 3 | 1 | 24 V 50/60 Hz 120 V 60 Hz 240 V 60 Hz | 3RH11 31-1AB00 3RH11 31-1AK60 3RH11 31-1AP60 | 3RH11 31-2AB00 3RH11 31-2AK60 3RH11 31-2AP60 | 0.19 | 1 |
| 22 E | 2 | 2 | 24 V 50/60 Hz 120 V 60 Hz 240 V 60 Hz | 3RH11 22-1AB00 3RH11 22-1AK60 3RH11 22-1AP60 | 3RH11 22-2AB00 3RH11 22-2AK60 3RH11 22-2AP60 | 0.19 | 1 |

DC operation - DC solenoid system

| | | | DC | | | | |
|-------------|---|---|--------------|--|--|------|---|
| 40 E | 4 | – | 24 V 48 V | 3RH11 40-1BB40 3RH11 40-1BW40 | 3RH11 40-2BB40 3RH11 40-2BW40 | 0.25 | 1 |
| 31 E | 3 | 1 | 24 V 48 V | 3RH11 31-1BB40 3RH11 31-1BW40 | 3RH11 31-2BB40 3RH11 31-2BW40 | 0.25 | 1 |
| 22 E | 2 | 2 | 24 V 48 V | 3RH11 22-1BB40 3RH11 22-1BW40 | 3RH11 22-2BB40 3RH11 22-2BW40 | 0.25 | 1 |

With permanently mounted auxiliary switch block^{2) 3)}

| | | | | | | | |
|-------------|---|---|------|-----------------------|-----------------------|------|---|
| 44 E | 4 | 4 | 24 V | 3RH12 44-1BB40 | 3RH12 44-2BB40 | 0.29 | 1 |
| 62 E | 6 | 2 | 24 V | 3RH12 62-1BB40 | 3RH12 62-2BB40 | 0.29 | 1 |

Note: Additional 3RH12 control relays may be found on page 2/70.

For further voltages, see page 2/25.
For accessories, see pages 2/26, 2/37.
For technical data, see pages 2/152-154.
For overview, see page 2/81.
For position terminals, see page 2/171.
For dimension drawings, see page 2/194.

- 1) Coil voltage tolerance
at 50 Hz: 0.8 ... 1.1 x U_s
at 60 Hz: 0.85 ... 1.1 x U_s
- 2) Further designs/voltages on request.
- 3) Auxiliary switch block A600/Q600.

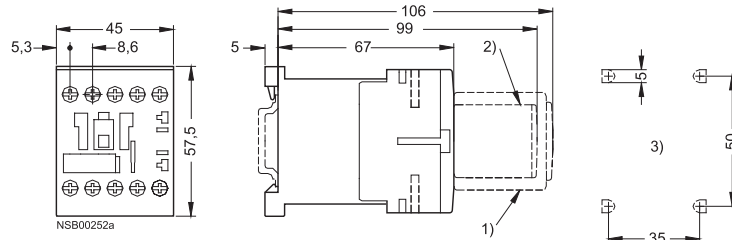


3RH11 and 3RH14 control relays

Dimension drawings

3RH11 control relays

Size S00, with screw connections,
with surge suppressor and auxiliary switch block



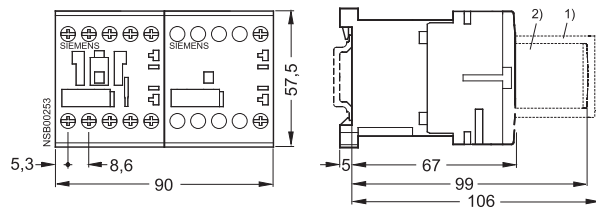
Lateral clearance from
earthed parts = 6 mm

- 1) Auxiliary switch block
- 2) Surge suppressor
- 3) Drilling pattern

Deviating dimensions for contactor relays
with [Cage Clamp connections](#):
Height: 60 mm
Mounting depth with auxiliary switch
block:
110 mm

3RH14 latched control relays

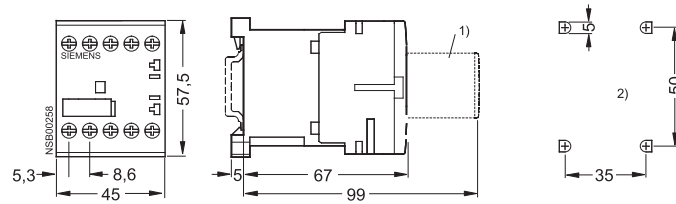
Size S00,
with surge suppressor and auxiliary switch block



3RH11 coupling relays

Dimension drawings

Size S00, with screw connections,
with surge suppressor



- 1) Surge suppressor
- 2) Drilling pattern

Deviating dimensions for coupling relays
with [Cage Clamp connections](#):
Height: 60 mm