

# 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<sup>2) 3)</sup>

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.

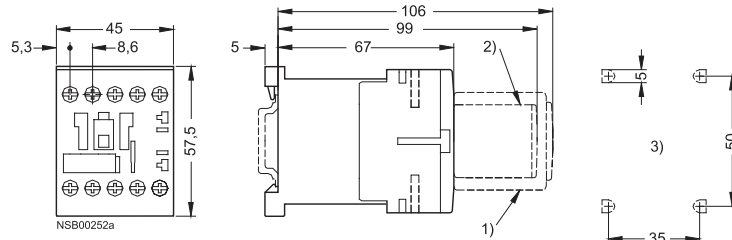


## 3RH11 and 3RH14 control relays

### Dimension drawings

#### 3RH11 control relays

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



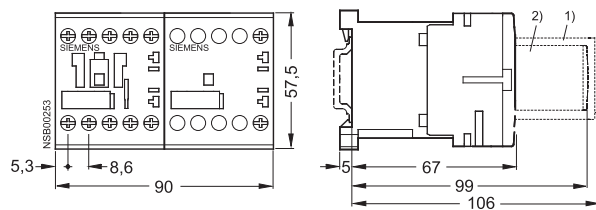
Lateral clearance from  
earthed parts = 6 mm

- 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

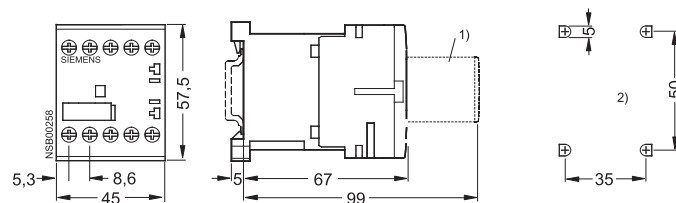
Size S00,  
with surge suppressor and auxiliary switch block



## 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