

# Contactors and Contactor Assemblies

## Control Relays, Coupling Relays

SIRIUS



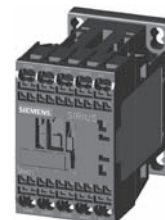
### 3RH21 control relays, 4-pole

#### Selection and ordering data

AC and DC operation



3RH11...-1...



3RH11...-2...

**Size S00** – Terminal designations according to EN 50011

Rated current at 240 V NEMA A600/Q600	Auxiliary contacts Ident- ification No.	Version I L	Rated control supply voltage $U_s$	AC Operation Screw Terminals <sup>1) 2)</sup>	Rated control supply voltage $U_s$	DC Operation Screw Terminals <sup>1) 2)</sup>
Amps		NO NC	V AC 50/60 Hz <sup>3)</sup>	Order No.	V DC	Order No.

#### For screw and snap-on mounting onto TH 35 standard mounting rail

	10	40E	4	—	24 110/120 220/240	<b>3RH2140-1AB00</b> <b>3RH2140-1AK60</b> <b>3RH2140-1AP60</b>	24 110 220	<b>3RH2140-1BB40</b> <b>3RH2140-1BF40</b> <b>3RH2140-1BM40</b>
	10	31E	3	1	24 110/120 220/240	<b>3RH2131-1AB00</b> <b>3RH2131-1AK60</b> <b>3RH2131-1AP60</b>	24 110 220	<b>3RH2131-1BB40</b> <b>3RH2131-1BF40</b> <b>3RH2131-1BM40</b>
	10	22E	2	2	24 110/120 220/240	<b>3RH2122-1AB00</b> <b>3RH2122-1AK60</b> <b>3RH2122-1AP60</b>	24 110 220	<b>3RH2122-1BB40</b> <b>3RH2122-1BF40</b> <b>3RH2122-1BM40</b>

#### Notes:

For further voltages, see page 2/49.

For accessories, see pages 2/65-2/74.

For technical data, see pages 2/172-2/175.

For overview, see page 2/103.

For position terminals, see page 2/189-2/190.

For dimension drawings, see page 2/111.

1) The 3RH21 contactor relays are also available with spring-type terminals. Replace the 8th digit of the order number with a "2" e.g. "3RH2140-2AB00"

2) The 3RH21 contactor relays are also available with ring lug terminals. Replace the 8th digit of the order number with a "4" e.g. "3RH2140-4AB00"

3) AC coil operating range at 50 Hz: 0.8 to 1.1 x  $U_s$  at 60 Hz: 0.85 to 1.1 x  $U_s$

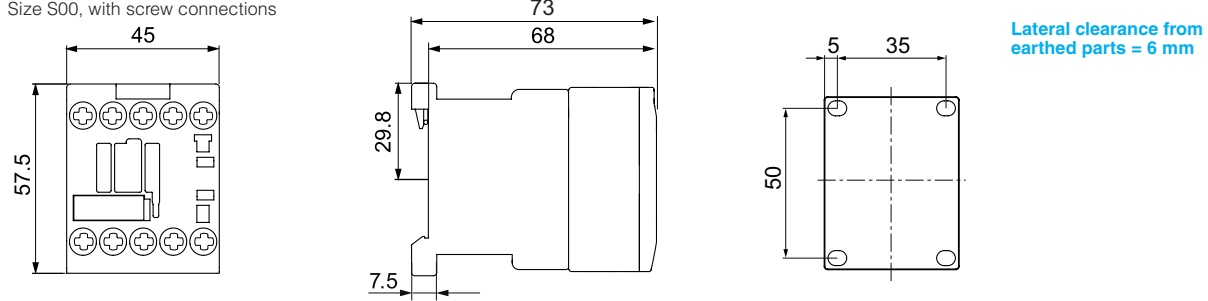
4) For AC-15/AC-14 the following applies:  $I_e = 6A$  for mounted auxiliary contacts.



## Dimension drawings

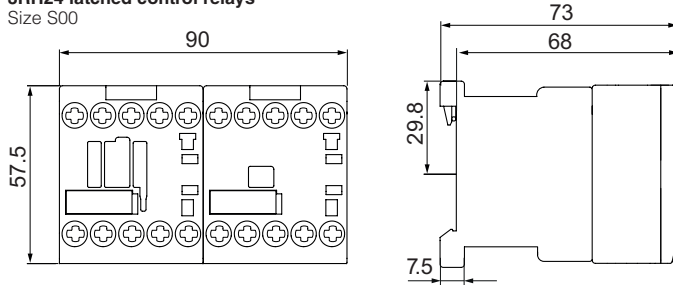
### 3RH21 control relays

Size S00, with screw connections



### 3RH24 latched control relays

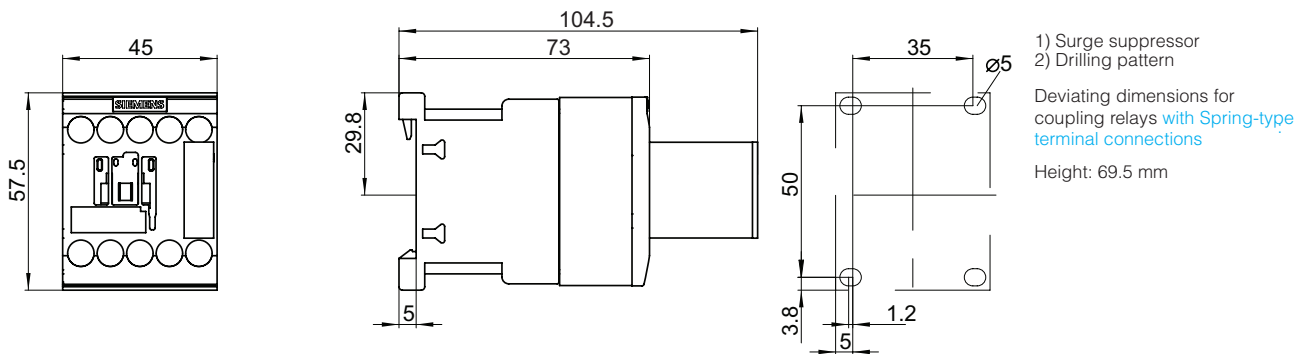
Size S00



## 3RH21 coupling relays

## Dimension drawings

Size S00, with screw connections,  
with surge suppressor



For specific dimensions, 2D / 3D CAD files and technical data, please visit [www.siemens.com/cax](http://www.siemens.com/cax)