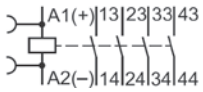
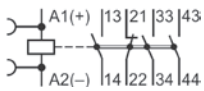
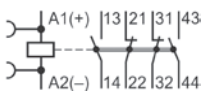
3RH21 control relays, 4-pole

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 NO	Version NC	Rated control supply voltage U_S	**AC Operation Screw Terminals**[1) 2)]	Rated control supply voltage U_S	**DC Operation Screw Terminals**[1) 2)]
Amps				V AC 50/60 Hz[3)]	**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	**3RH2140-1AB00** **3RH2140-1AK60** **3RH2140-1AP60**	24 110 220	**3RH2140-1BB40** **3RH2140-1BF40** **3RH2140-1BM40**
							
10	31E	3	1	24 110/120 220/240	**3RH2131-1AB00** **3RH2131-1AK60** **3RH2131-1AP60**	24 110 220	**3RH2131-1BB40** **3RH2131-1BF40** **3RH2131-1BM40**
							
10	22E	2	2	24 110/120 220/240	**3RH2122-1AB00** **3RH2122-1AK60** **3RH2122-1AP60**	24 110 220	**3RH2122-1BB40** **3RH2122-1BF40** **3RH2122-1BM40**

Notes:
For further voltages, see page 2/49.
For accessories, see pages 2/66-2/77.
For technical data, see pages 2/185-2/188.
For overview, see page 2/116.
For position terminals, see page 2/202-2/203.
For dimension drawings, see page 2/124.

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"

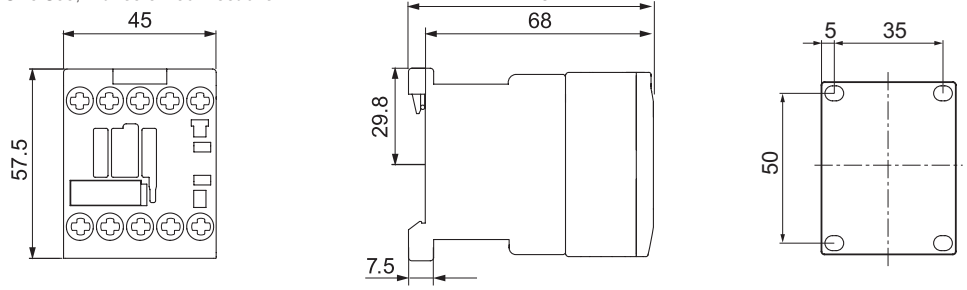
3) AC coil operating range at 50 Hz: 0.8 to 1.1 x U_S at 60 Hz: 0.85 to 1.1 x U_S

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

3RH21 and 3RH24 control relays

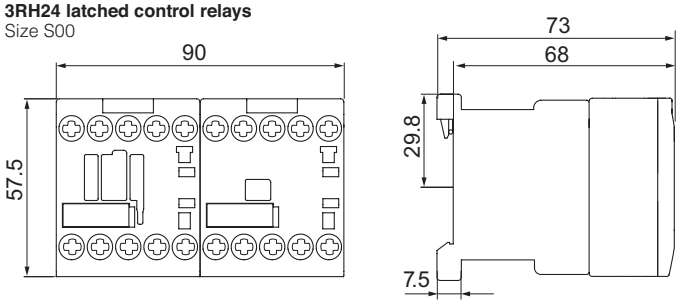
Dimension drawings

3RH21 control relays
Size S00, with screw connections



Lateral clearance from earthed parts = 6 mm

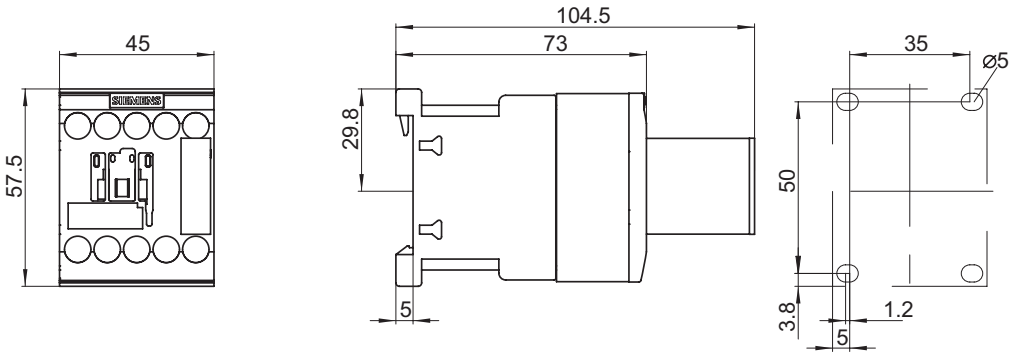
3RH24 latched control relays
Size S00



3RH21 coupling relay

Dimension drawings

Size S00, with screw connections,
with surge suppressor



1) Surge suppressor
2) Drilling pattern

Deviating dimensions for coupling relays with Spring-type terminal connections

Height: 69.5 mm

For specific dimensions, 2D / 3D CAD files and technical data, please visit www.siemens.com/cax