

Contactors and Contactor Assemblies

Control Relays, Coupling Relays



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 Amps	Auxiliary contacts		Rated control supply voltage U_s V AC 50/60 Hz ³⁾	AC Operation Screw Terminals ^{1) 2)}	Rated control supply voltage U_s V DC	DC Operation Screw Terminals ^{1) 2)}
	Ident- ification No.	Version I L		Order No.		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 2/65-2/74.
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.

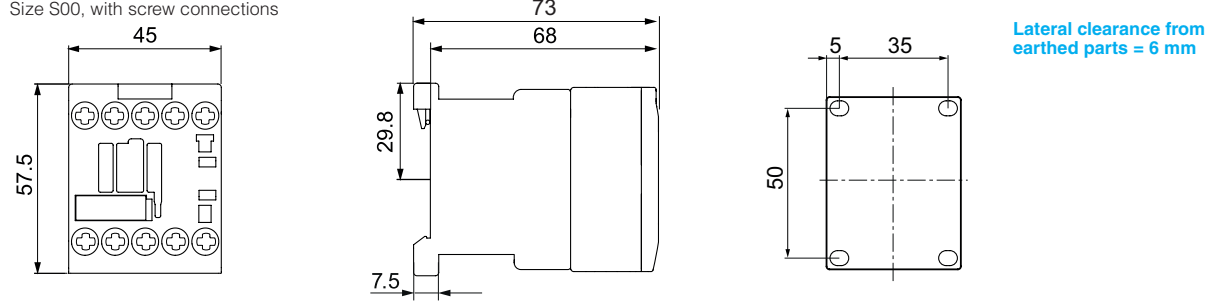
- 1) The 3RH21 contactor relays are also available with spring-type terminals. Replace the 8th digit of the order number with a "2" e.g. "3RH2140-2AB00"
- 2) The 3RH21 contactor relays are also available with ring lug terminals. Replace the 8th digit of the order number with a "4" e.g. "3RH2140-4AB00"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

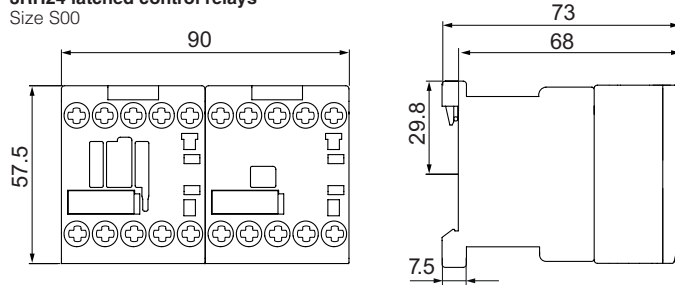
3RH21 control relays

Size S00, with screw connections



3RH24 latched control relays

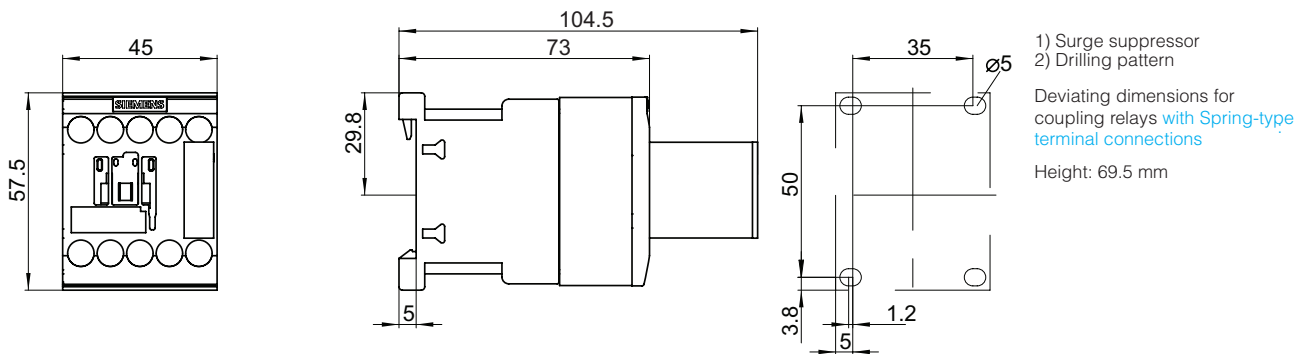
Size S00



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