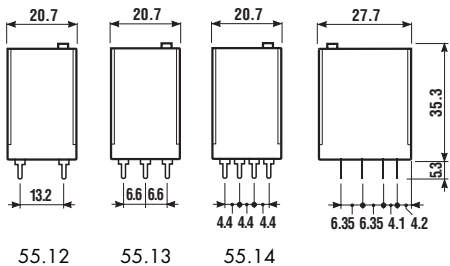


## Features

Printed circuit mount, general purpose  
 2, 3 & 4 Pole relays  
 55.12 - 2 Pole 10 A  
 55.13 - 3 Pole 10 A  
 55.14 - 4 Pole 7 A

- AC coils & DC coils
- Cadmium Free contacts (preferred version)
- Contact material options
- RT III (wash tight) option available



55.12      55.13      55.14

55.12



- 2 pole 10 A
- PCB mount

55.13

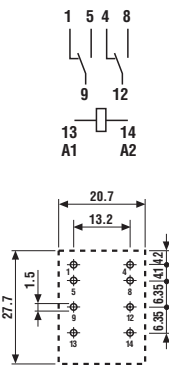


- 3 pole 10 A
- PCB mount

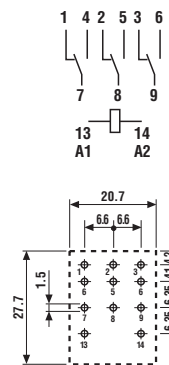
55.14



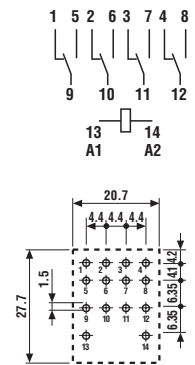
- 4 pole 7 A
- PCB mount



Copper side view



Copper side view



Copper side view

### Contact specification

Contact configuration	2 CO (DPDT)	3 CO (3PDT)	4 CO (4PDT)
Rated current/Maximum peak current      A	10/20	10/20	7/15
Rated voltage/Maximum switching voltage V AC	250/400	250/400	250/250
Rated load AC1      VA	2,500	2,500	1,750
Rated load AC15 (230 V AC)      VA	500	500	350
Single phase motor rating (230 V AC)      kW	0.37	0.37	0.125
Breaking capacity DC1: 30/110/220      VA	10/0.25/0.12	10/0.25/0.12	7/0.25/0.12
Minimum switching load      mW (V/mA)	300 (5/5)	300 (5/5)	300 (5/5)
Standard contact material	AgNi	AgNi	AgNi

### Coil specification

Nominal voltage (U <sub>N</sub> )	V AC (50/60 Hz)	6 - 12 - 24 - 48 - 60 - 110 - 120 - 230 - 240		
	V DC	6 - 12 - 24 - 48 - 60 - 110 - 125 - 220		
Rated power AC/DC      VA (50 Hz)/W		1.5/1	1.5/1	1.5/1
Operating range	AC	(0.8...1.1)U <sub>N</sub>		(0.8...1.1)U <sub>N</sub>
	DC	(0.8...1.1)U <sub>N</sub>		(0.8...1.1)U <sub>N</sub>
Holding voltage      AC/DC		0.8 U <sub>N</sub> /0.5 U <sub>N</sub>		0.8 U <sub>N</sub> /0.5 U <sub>N</sub>
Must drop-out voltage      AC/DC		0.2 U <sub>N</sub> /0.1 U <sub>N</sub>		0.2 U <sub>N</sub> /0.1 U <sub>N</sub>

### Technical data

Mechanical life AC/DC      cycles		20 · 10 <sup>6</sup> /50 · 10 <sup>6</sup>	20 · 10 <sup>6</sup> /50 · 10 <sup>6</sup>	20 · 10 <sup>6</sup> /50 · 10 <sup>6</sup>
Electrical life at rated load AC1      cycles		200 · 10 <sup>3</sup>	200 · 10 <sup>3</sup>	150 · 10 <sup>3</sup>
Operate/release time      ms		9/3	9/3	9/3
Insulation between coil and contacts (1.2/50 μs)      kV		3.6	3.6	3.6
Dielectric strength between open contacts      V AC		1,000	1,000	1,000
Ambient temperature range      °C		-40...+85	-40...+85	-40...+85
Environmental protection		RT I	RT I	RT I

### Approvals (according to type)



## Features

**Plug-in mount, general purpose**

**2, 3 & 4 Pole relays**

**55.32 - 2 Pole 10 A**

**55.33 - 3 Pole 10 A**

**55.34 - 4 Pole 7 A**

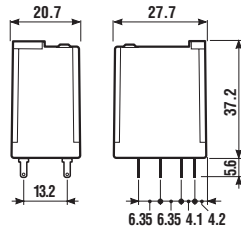
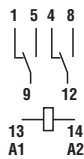
- Lockable test button and mechanical flag indicator as standard on 2 & 4 pole types
- AC coils & DC coils
- UL Listed (certain relay/socket combinations)
- Cadmium Free contacts (preferred version)
- Contact material options
- Rear flange mount option
- 94 series sockets, coil suppression and timer accessories

55

**55.32**



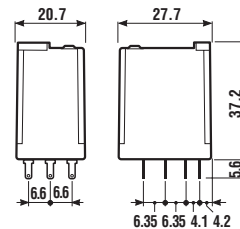
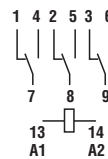
- 2 pole 10 A
- Plug-in 94 series sockets



**55.33**



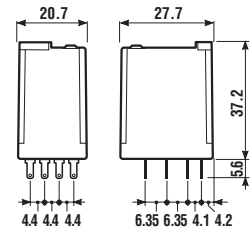
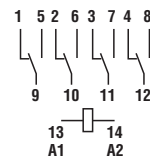
- 3 pole 10 A
- Plug-in 94 series sockets



**55.34**



- 4 pole 7 A
- Plug-in 94 series sockets



Contact specification					
Contact configuration			2 CO (DPDT)	3 CO (3PDT)	4 CO (4PDT)
Rated current/Maximum peak current	A		10/20	10/20	7/15
Rated voltage/Maximum switching voltage V AC			250/400	250/400	250/250
Rated load AC1		VA	2,500	2,500	1,750
Rated load AC15 (230 V AC)		VA	500	500	350
Single phase motor rating (230 V AC)		kW	0.37	0.37	0.125
Breaking capacity DC1: 30/110/220 V		A	10/0.25/0.12	10/0.25/0.12	7/0.25/0.12
Minimum switching load		mW (V/mA)	300 (5/5)	300 (5/5)	300 (5/5)
Standard contact material			AgNi	AgNi	AgNi
Coil specification					
Nominal voltage (U <sub>N</sub> )		V AC (50/60 Hz)	6 - 12 - 24 - 48 - 60 - 110 - 120 - 230 - 240		
		V DC	6 - 12 - 24 - 48 - 60 - 110 - 125 - 220		
Rated power AC/DC	VA (50 Hz)/W		1.5/1	1.5/1	1.5/1
Operating range		AC	(0.8...1.1)U <sub>N</sub>		
		DC	(0.8...1.1)U <sub>N</sub>		
Holding voltage	AC/DC		0.8 U <sub>N</sub> /0.5 U <sub>N</sub>		
Must drop-out voltage	AC/DC		0.2 U <sub>N</sub> /0.1 U <sub>N</sub>		
Technical data					
Mechanical life AC/DC	cycles		20 · 10 <sup>6</sup> /50 · 10 <sup>6</sup>		
Electrical life at rated load AC1	cycles		200 · 10 <sup>3</sup>		
Operate/release time	ms		9/3		
Insulation between coil and contacts (1.2/50 μs)		kV	3.6		
Dielectric strength between open contacts		V AC	1,000		
Ambient temperature range		°C	-40...+85		
Environmental protection			RT I		

<b>Approvals</b> (according to type)	
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