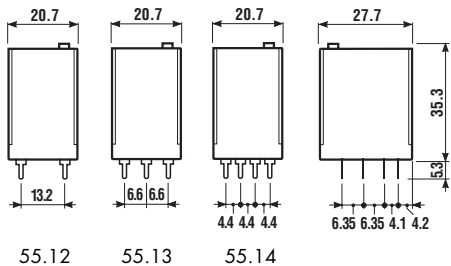


Features

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

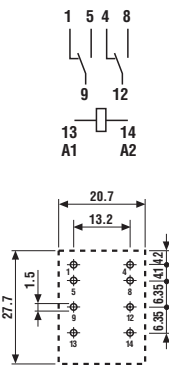


- 3 pole 10 A
- PCB mount

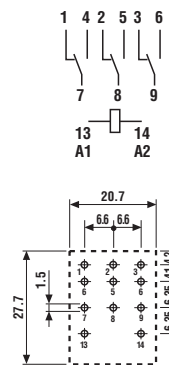
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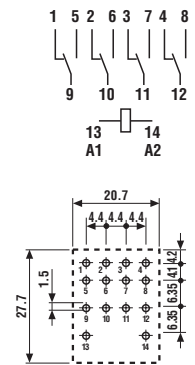
- 4 pole 7 A
- PCB mount



Copper side view



Copper side view



Copper side view

55

Contact specification		55.12	55.13	55.14
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		55.12	55.13	55.14
Nominal voltage (U _N)	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 _N	(0.8...1.1)U _N	(0.8...1.1)U _N
	DC	(0.8...1.1)U _N	(0.8...1.1)U _N	(0.8...1.1)U _N
Holding voltage	AC/DC	0.8 U _N /0.5 U _N	0.8 U _N /0.5 U _N	0.8 U _N /0.5 U _N
Must drop-out voltage	AC/DC	0.2 U _N /0.1 U _N	0.2 U _N /0.1 U _N	0.2 U _N /0.1 U _N
Technical data		55.12	55.13	55.14
Mechanical life AC/DC	cycles	20 · 10 ⁶ /50 · 10 ⁶	20 · 10 ⁶ /50 · 10 ⁶	20 · 10 ⁶ /50 · 10 ⁶
Electrical life at rated load AC1	cycles	200 · 10 ³	200 · 10 ³	150 · 10 ³
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

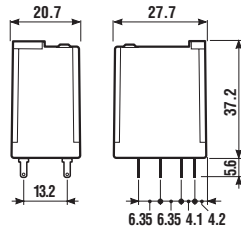
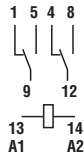
- Lockable test button and mechanical flag indicator as standard on 2 & 4 pole types
- AC coils & DC coils
- UL Listed (certain relay/socket combinations)
- Cadmium Free contacts (preferred version)
- Contact material options
- Rear flange mount option
- 94 series sockets, coil suppression and timer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

55

55.32



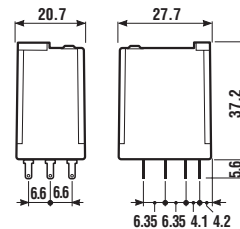
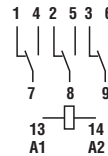
- 2 pole 10 A
- Plug-in 94 series sockets



55.33



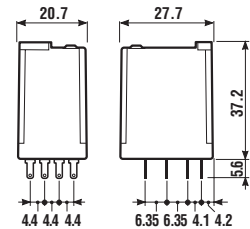
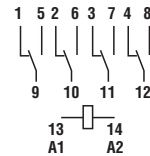
- 3 pole 10 A
- Plug-in 94 series sockets



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 _N)	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 _N	(0.8...1.1)U _N	(0.8...1.1)U _N
	DC		(0.8...1.1)U _N	(0.8...1.1)U _N	(0.8...1.1)U _N
Holding voltage	AC/DC		0.8 U _N /0.5 U _N	0.8 U _N /0.5 U _N	0.8 U _N /0.5 U _N
Must drop-out voltage	AC/DC		0.2 U _N /0.1 U _N	0.2 U _N /0.1 U _N	0.2 U _N /0.1 U _N
Technical data					
Mechanical life AC/DC	cycles		20 · 10 ⁶ /50 · 10 ⁶	20 · 10 ⁶ /50 · 10 ⁶	20 · 10 ⁶ /50 · 10 ⁶
Electrical life at rated load AC1	cycles		200 · 10 ³	200 · 10 ³	150 · 10 ³
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)	
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