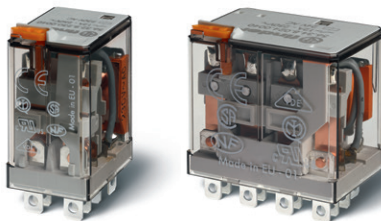


Plug-in - 12 A Power relay, 2 & 4 pole

- Flange mount option - (Faston 187, 4.8 x 0.5 mm termination)
- AC coils & DC coils
- Lockable test button and mechanical flag indicator
- Cadmium Free contacts (standard version)
- Contact material options
- 96 series sockets
- Coil EMC suppression
- Accessories
- European Patent

56.32/56.34

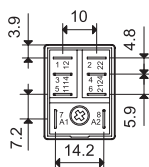
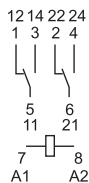


- 2 or 4 pole changeover contact
- Plug-in/Faston 187

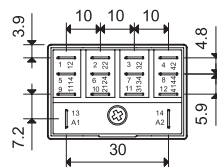
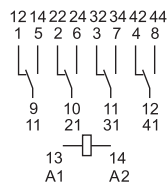
56.32-0300



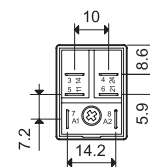
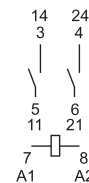
- 2 pole normally open contact (≥ 1.5 mm gap)
- Plug-in/Faston 187



56.32



56.34



56.32-0300

* For 4 CO (4PDT) only.

FOR UL RATINGS SEE:

"General technical information" page V

For outline drawing see page 8

Contact specification

Contact configuration		2 CO (DPDT)	4 CO (4PDT)	2NO (DPST-NO) - ≥ 1.5 mm gap
Rated current/Maximum peak current	A	12/20		12/20
Rated voltage/ Maximum switching voltage	V AC	250/400		250/400
Rated load AC1	VA	3000		3000
Rated load AC15 (230 V AC)	VA	700		700
Single phase motor rating (230 V AC)	kW	0.55		0.55
Breaking capacity DC1: 30/110/220 V	A	12/0.5/0.25		12/1/0.5
Minimum switching load	mW (V/mA)	500 (10/5)		500 (10/5)
Standard contact material		AgNi		AgNi

Coil specification

Nominal voltage (U_N)	V AC (50/60 Hz)	6 - 12 - 24 - 48 - 60 - 110 - 120 - 230 - 240 - 400*		
	V DC	6 - 12 - 24 - 48 - 60 - 110 - 125 - 220		—
Rated power AC/DC	VA (50 Hz)/W	1.5/1	2/1.3	1.5/—
Operating range	AC	(0.8...1.1) U_N		(0.85...1.1) U_N
	DC	(0.8...1.1) U_N	(0.8...1.1) U_N	—
Holding voltage	AC/DC	0.8 U_N / 0.6 U_N		0.85 U_N / —
Must drop-out voltage	AC/DC	0.2 U_N / 0.1 U_N		0.2 U_N / —

Technical data

Mechanical life AC/DC	cycles	20 · 10 ⁶ / 50 · 10 ⁶		20 · 10 ⁶ / —
Electrical life at rated load AC1	cycles	100 · 10 ³		100 · 10 ³
Operate/release time	ms	9/6	11/11	8/4
Insulation between coil and contacts (1.2/50 μ s)	kV	4	5	4
Dielectric strength between open contacts	V AC	1000		2000
Ambient temperature range	°C	-40...+70		-40...+70
Environmental protection		RT I		RT I

Approvals (according to type)



Printed circuit mount

12 A Power relay

- 2 & 4 pole
- AC coils & DC coils
- Cadmium Free contacts (standard version)
- Contact material option
- RT III (wash tight) option available

A

56.42/56.44

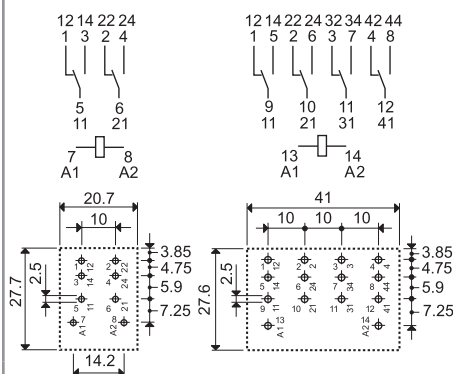


- 2 or 4 pole changeover contact
- PCB mount

56.42-0300

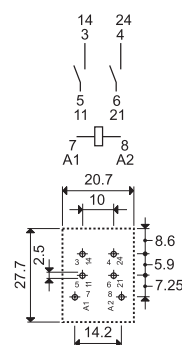


- 2 pole normally open contact (≥ 1.5 mm gap)
- PCB mount



56.42
Copper side view

56.44
Copper side view



56.42-0300
Copper side view

* For 4 CO (4PDT) only.

FOR UL RATINGS SEE:

"General technical information" page V

For outline drawing see page 8

Contact specification

Contact configuration		2 CO (DPDT)	4 CO (4PDT)	2NO (DPST-NO) - ≥ 1.5 mm gap
Rated current/Maximum peak current	A	12/20		12/20
Rated voltage/ Maximum switching voltage	V AC	250/400		250/400
Rated load AC1	VA	3000		3000
Rated load AC15 (230 V AC)	VA	700		700
Single phase motor rating (230 V AC)	kW	0.55		0.55
Breaking capacity DC1: 30/110/220 V	A	12/0.5/0.25		12/1/0.5
Minimum switching load	mW (V/mA)	500 (10/5)		500 (10/5)
Standard contact material		AgNi		AgNi

Coil specification

Nominal voltage (U_N)	V AC (50/60 Hz)	6 - 12 - 24 - 48 - 60 - 110 - 120 - 230 - 240 - 400*		
	V DC	6 - 12 - 24 - 48 - 60 - 110 - 125 - 220		—
Rated power AC/DC	VA (50 Hz)/W	1.5/1	2/1.3	1.5/—
Operating range	AC	(0.8...1.1) U_N		(0.85...1.1) U_N
	DC	(0.8...1.1) U_N	(0.8...1.1) U_N	—
Holding voltage	AC/DC	0.8 U_N / 0.6 U_N		0.85 U_N /—
Must drop-out voltage	AC/DC	0.2 U_N / 0.1 U_N		0.2 U_N /—

Technical data

Mechanical life AC/DC	cycles	20 · 10 ⁶ /50 · 10 ⁶		20 · 10 ⁶ /—
Electrical life at rated load AC1	cycles	100 · 10 ³		100 · 10 ³
Operate/release time	ms	9/6	11/11	8/4
Insulation between coil and contacts (1.2/50 μ s)	kV	4	5	4
Dielectric strength between open contacts	V AC	1000		2000
Ambient temperature range	°C	-40...+70		-40...+70
Environmental protection		RT I		RT I

Approvals (according to type)

