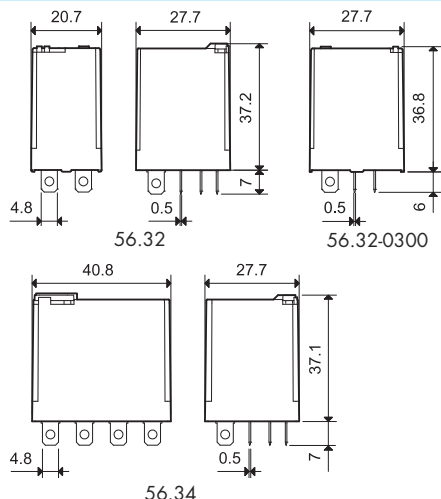


Features

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

- Flange mount option - (Faston 187, 4.8x0.5 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



* For 4 CO (4PDT) only.

FOR UL RATINGS SEE:

"General technical information" page V

Contact specification

Contact configuration	2 CO (DPDT)	4 CO (4PDT)	2NO (DPST-NO) - $\geq 1.5\text{mm}$ 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	3,000		3,000
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
Operating range	AC	$(0.8 \dots 1.1) U_N$	
	DC	$(0.8 \dots 1.1) U_N$	$(0.85 \dots 1.1) U_N$
Holding voltage	AC/DC	$0.8 U_N / 0.6 U_N$	
Must drop-out voltage	AC/DC	$0.2 U_N / 0.1 U_N$	

Technical data

Mechanical life AC/DC	cycles	$20 \cdot 10^6 / 50 \cdot 10^6$	
Electrical life at rated load AC1	cycles	$100 \cdot 10^3$	
Operate/release time	ms	8/3	10/4
Insulation between coil and contacts (1.2/50 μs)	kV	4	5
Dielectric strength between open contacts	V AC	1,000	
Ambient temperature range	$^{\circ}\text{C}$	$-40 \dots +70$	
Environmental protection		RT I	

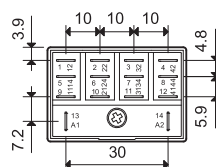
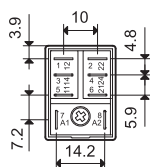
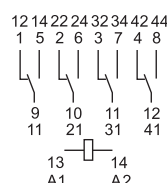
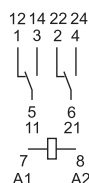
Approvals (according to type)



56.32/56.34



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



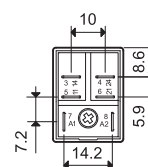
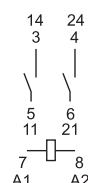
56.32

56.34

56.32-0300



- 2 pole normally open contact ($\geq 1.5\text{ mm}$ gap)
- Plug-in/Faston 187



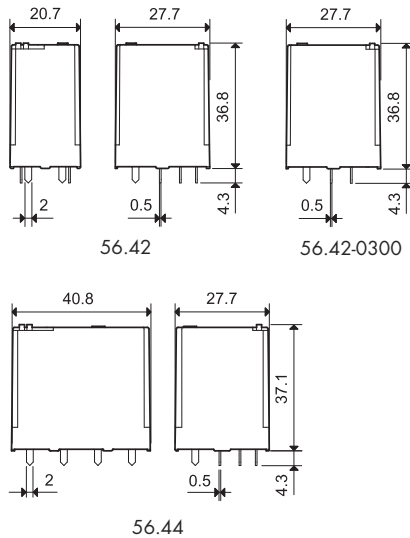
56.32-0300

56 Series - Miniature power relays 12 A

Features

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



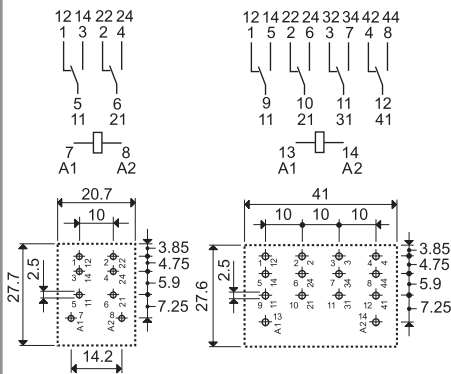
* For 4 CO (4PDT) only.

FOR UL RATINGS SEE:
"General technical information" page V

56.42/56.44



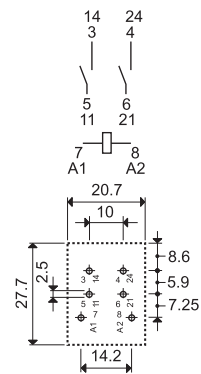
- 2 or 4 pole changeover contact
- PCB mount

56.42
Copper side view56.44
Copper side view

56.42-0300



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

56.42-0300
Copper side view

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	3,000		3,000
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
Operating range	AC	$(0.8 \dots 1.1) U_N$	
	DC	$(0.8 \dots 1.1) U_N$	$(0.85 \dots 1.1) U_N$
Holding voltage	AC/DC	$0.8 U_N / 0.6 U_N$	
Must drop-out voltage	AC/DC	$0.2 U_N / 0.1 U_N$	

Technical data

Mechanical life AC/DC	cycles	$20 \cdot 10^6 / 50 \cdot 10^6$	
Electrical life at rated load AC1	cycles	$100 \cdot 10^3$	
Operate/release time	ms	8/3	10/4
Insulation between coil and contacts (1.2/50 μ s)	kV	4	5
Dielectric strength between open contacts	V AC	1,000	
Ambient temperature range	°C	$-40 \dots +70$	
Environmental protection		RT I	

Approvals (according to type)

