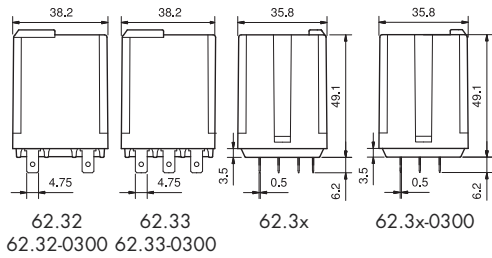


## Features

### Plug-in mount/Faston 187 16 A Power relay

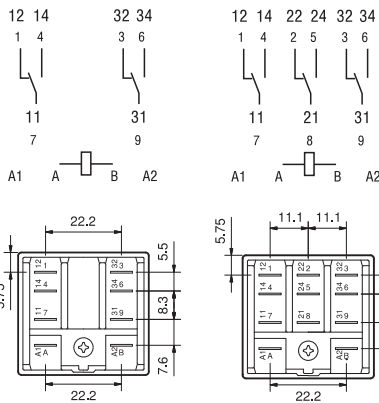
- Plug-in (92 series sockets) or Faston 187 (4.8x0.5 mm) with optional mounting adaptors
- 2 & 3 Pole changeover contacts or NO ( $\geq 3$  mm contact gap)
- AC coils & DC coils
- UL Listing (certain relay/socket combinations)
- LED, mechanical indicator & test button options
- Reinforced insulation between coil and contacts according to EN 60335-1, with 6 mm clearance & 8 mm creepage distance
- SELV coil-contact separator option
- Cadmium Free contact material options
- Sockets and accessories
- European Patent



### 62.32 / 62.33



- 2 & 3 pole changeover contact
- Plug-in / Faston 187



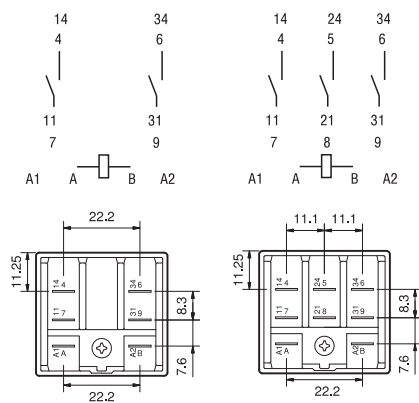
62.32

62.33

### 62.32-0300 / 62.33-0300



- 2 & 3 pole normally open contact ( $\geq 3$  mm contact gap)
- Plug-in / Faston 187



62.32-0300

62.33-0300

\* Distance between contacts  $\geq 3$  mm (EN 60730-1).

\*\* With the AgSnO<sub>2</sub> material the maximum peak current is 120 A - 5 ms (NO contact).

FOR UL RATINGS SEE:

"General technical information" page V

### Contact specification

Contact configuration	2 CO (DPDT)	3 CO (3PDT)	2 NO (DPST-NO), $\geq 3$ mm*	3 NO (3PST-NO), $\geq 3$ mm*
Rated current/Maximum peak current	A	16/30**	16/30**	
Rated voltage/Maximum switching voltage V AC	250/400		250/400	
Rated load AC1	VA	4,000	4,000	
Rated load AC15 (230 V AC)	VA	750	750	
Motor rating (230/400 V AC)	kW	0.8/—	0.8/—	0.8/1.5
Breaking capacity DC1: 30/110/220 V	A	16/0.6/0.4	16/1.1/0.7	
Minimum switching load	mW (V/mA)	1,000 (10/10)	1,000 (10/10)	
Standard contact material	AgCdO		AgCdO	

### Coil specification

Nominal voltage (U <sub>N</sub> )	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	2.2/1.3	3/3	
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> /0.6 U <sub>N</sub>		0.8 U <sub>N</sub> /0.6 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	10 · 10 <sup>6</sup> /30 · 10 <sup>6</sup>		
Electrical life at rated load AC1	cycles	100 · 10 <sup>3</sup>		
Operate/release time	ms	11/4		15/3
Insulation between coil and contacts (1.2/50 μs)	kV	6		
Dielectric strength between open contacts	V AC	1,500		2,500
Ambient temperature range	°C	-40...+70		
Environmental protection		RT I		RT I

### Approvals (according to type)

