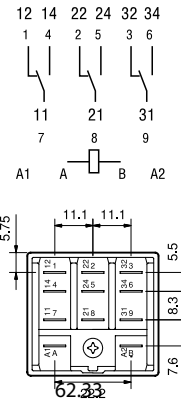


**Plug-in mount/Faston 187 16 A
Power relay**

62.33



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



* Distance between contacts ≥ 3 mm (EN 60730-1). ** With the AgSnO₂ material the maximum peak current is 120 A - 5 ms (NO contact).

Contact specification		3CO (3DPDT)
Contact configuration		3CO (3DPDT)
Rated current/Maximum peak current	A	16/30**
Rated voltage/		
Maximum switching voltage	V AC	250/400
Rated load AC1	VA	4000
Rated load AC15 (230 V AC)	VA	750
Motor rating (230/400 V AC)	kW	0.8/1.5
Breaking capacity DC1: 30/110/220 V	A	16/0.6/0.4
Minimum switching load	mW (V/mA)	1000 (10/10)
Standard contact material		AgCdO
Coil specification		
Nominal voltage (U _N)	V AC (50/60 Hz)	230
	V DC	
Rated power AC/DC	VA (50 Hz)/W	2.2/1.3
Operating range	AC	(0.8...1.1)U _N
	DC	(0.8...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	10 · 10 ⁶ /30 · 10 ⁶
Electrical life at rated load AC1	cycles	100 · 10 ³
Operate/release time	ms	11/4
Insulation between coil and contacts (1.2/50 μs)	kV	6
Dielectric strength between open contacts	V AC	1500
Ambient temperature range	°C	-40...+70
Environmental protection		RT I

Approvals (according to type)

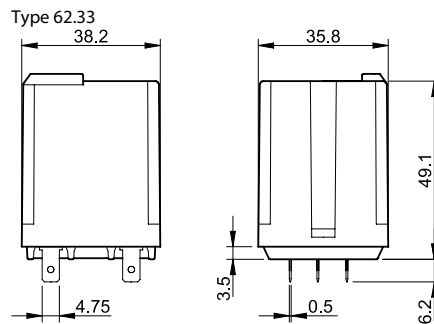


Ordering information

Example: 62 series power relay +Plug-in, 3 NO (DPST-NO), 230V AC coil.

<p>Series</p> <p>Type 2 = PCB 3 = Plug-in 8 = Faston 250 (6.3 x 0.8 mm) with rear flange mount</p> <p>No. of poles 1 = 1 pole (double break) 2 = 2 pole 3 = 3 pole</p> <p>Coil version 8 = AC (50/60 Hz) 9 = DC</p> <p>Coil voltage See coil specifications</p>	<p>A: Contact material 0 = Standard AgCdO 4 = AgSnO₂ (standard for versions 4800)</p> <p>B: Contact circuit 0 = CO (nPDT) 3 = NO (nPST), ≥ 3 mm contact gap 5 = CO (nPDT) + additional physical separator between coil and contacts (for SELV applications) 6 = NO (nPST), ≥ 3 mm contact gap + additional physical separator between coil and contacts (for SELV applications) 8 = NO (1 pole double break or 2 pole) with magnetic blow</p>	<p>D: Special versions 0 = Standard 6 = Rear flange mount 9 = Type 62.82/83 without rear flange mount</p> <p>C: Options 0 = None 2 = Mechanical indicator 3 = LED (AC) 4 = Lockable test button + mechanical indicator 5* = Lockable test button + LED (AC) 54* = Lockable test button + LED (AC) + mechanical indicator 6* = LED + diode (DC, polarity positive to pin A/A1) 7* = Lockable test button + LED + diode (DC, polarity positive to pin A/A1) 74* = Lockable test button + LED + diode (DC, polarity positive to pin A/A1) + mechanical indicator</p> <p>* Options not available for 220 V DC and 400 V AC versions.</p>
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Outline drawings



Packaging codes

How to code and identify retaining clip and packaging options for sockets.

Example:

9	2	.	0	3	S	M	A	
							A	Standard packaging
						SM	Metal retaining clip	
9	2	.	0	3				Without retaining clip

Socket over view for 92.03series relays



92.03

Approvals
(according to type):



Screw terminal (Box clamp) socket
panel or 35 mm rail (EN 60715) mount
For relay type

Accessories

Metal retaining clip
(supplied with socket - packaging code SMA)

Identification tag

Modules (see table below)

Timer modules (see table below)

Technical data

Rated values

Dielectric strength

Protection category

Ambient temperature

Screw torque

Wire strip length

Max. wire size for 92.03 socket

92.03
Blue
62.33

092.71

092.00.2

99.02

86.00, 86.30

16 A - 250 V

6 kV (1.2/50 μ s) between coil and contacts

IP 20

°C -40...+70 (see diagram L92)

Nm 0.8

mm 10

	solid wire	stranded wire
mm ²	1 x 10 / 2 x 4	1 x 6 / 2 x 4
AWG	1 x 8 / 2 x 12	1 x 10 / 2 x 12

