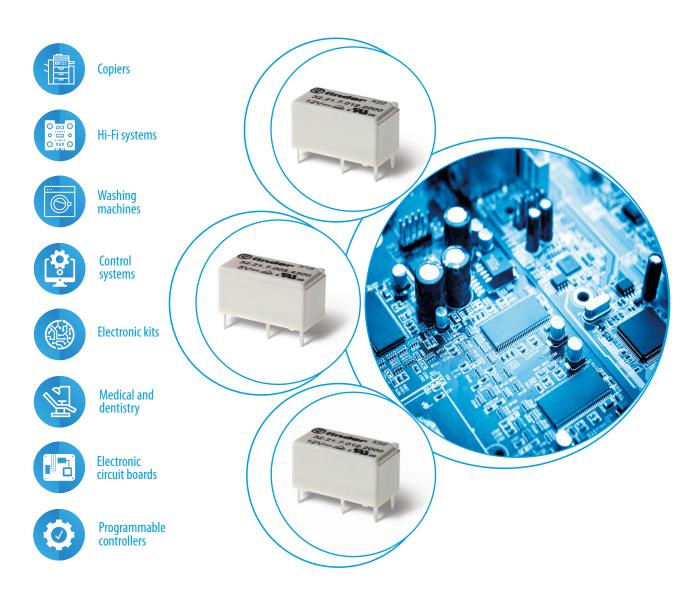


Subminiature PCB relays 6 A







Printed circuit mount 6 A relay

- 1 Pole changeover contacts or 1 Pole normally open contact
- Subminiature, low profile package
- Sensitive DC coil 200 mW
- Wash tight: RT III
- Cadmium Free contacts

32.21-4000

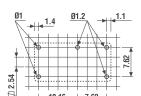


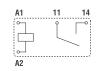
32.21-4300

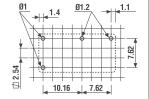


- 1 CO (SPDT), 6 A
- Low coil power
- PCB mount
- 1 NO (SPST-NO), 6 A
- Low coil power
- PCB mount









For	outline	drawing	see	page 5

For outline drawing see page 5	Copp
Contact specification	

opper side view	Copper side view

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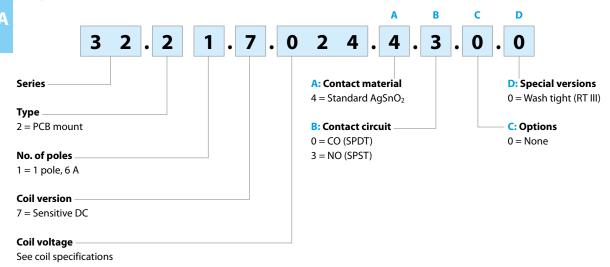
contact specification			
Contact configuration		1 CO (SPDT)	1 NO (SPST-NO)
Rated current/Maximum peak c	urrent A	6/15	6/15
Rated voltage/ Maximum switching voltage	V AC	250/400	250/400
Rated load AC1	VA	1500	1500
Rated load AC15 (230 V AC)	VA	250	250
Single phase motor rating (230)	V AC) kW	0.185	0.185
Breaking capacity DC1: 30/110/2	220 V A	3/0.35/0.2	3/0.35/0.2
Minimum switching load	mW (V/mA)	500 (10/5)	500 (10/5)
Standard contact material		AgSnO ₂	AgSnO ₂
Coil specification			
Nominal voltage (U _N)	V AC (50/60 Hz)	_	_
	V DC	5 - 12 - 24 - 48	5 - 12 - 24 - 48
Rated power AC/DC	VA (50 Hz)/W	—/0.2	—/0.2
Operating range	AC	-	_
	DC	(0.781.5)U _N	(0.781.5)U _N
Holding voltage	AC/DC	—/0.4 U _N	—/0.4 U _N
Must drop-out voltage	AC/DC	—/0.1 U _N	—/0.1 U _N
Technical data			
Mechanical life AC/DC	cycles	—/20 · 10 ⁶	—/20 · 10 ⁶
Electrical life at rated load AC1	cycles	50 · 10 ³	50 · 10 ³
Operate/release time	ms	6/4	6/2
Insulation between coil and contacts (1.2/50 µs)	kV	5	5
Dielectric strength between open contacts	V AC	1000	1000
Ambient temperature range	°C	-40+85	-40+85
Environmental protection		RT III	RT III

Approvals (according to type)



Ordering information

Example: 32 series PCB, 1 NO (SPDT-NO) - 6 A contacts, 24 V sensitive DC coil.



Selecting features and options: only combinations in the same row are possible.

Preferred selections for best availability are shown in **bold.**

Туре	Coil version	Α	В	С	D
32.21	sens. DC	4	0 - 3	0	0

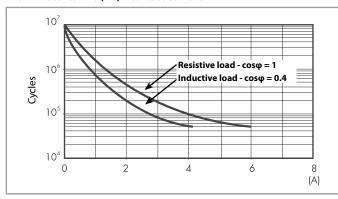
Technical data

Insulation according to EN 61810-	1			
Nominal voltage of supply system	V AC	230/400		
Rated insulation voltage	V AC	250		
Pollution degree		2		
Insulation between coil and conta	ct set			
Type of insulation		Basic		
Overvoltage category		III		
Rated impulse voltage	kV (1.2/50 μs)	5		
Dielectric strength	V AC	4000		
Insulation between open contacts	•			
Type of disconnection		Micro-disconnection		
Dielectric strength	V AC/kV (1.2/50 μs)	1000/1.5		
Insulation between coil terminals				
Rated impulse voltage (surge) difference (according to EN 61000-4-5)	ential mode kV (1.2/50 μs)	2		
Other data				
Bounce time: NO/NC	ms	2/10 (changeover)	2/— (normally open)	
Vibration resistance (555)Hz: NO/N	NC g	10/10 (changeover)	10/— (normally open)	
Shock resistance	g	20		
Power lost to the environment without contact current W		0.2		
	with rated current W	0.5		
Recommended distance between re	lays mounte d on PCB mm	≥ 5		

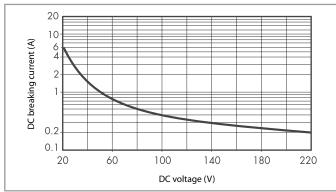
XI-2018, www.findernet.com

Contact specification

F 32 - Electrical life (AC) v contact current



H 32 - Maximum DC1 breaking capacity



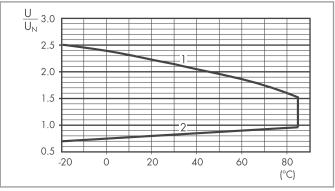
- When switching a resistive load (DC1) having voltage and current values under the curve, an electrical life of $\geq 50 \cdot 10^3$ can be expected.
- In the case of DC13 loads, the connection of a diode in parallel with the load will permit a similar electrical life as for a DC1 load. Note: the release time for the load will be increased.

Coil specifications

DC coil data - 0.2 W sensitive

Nominal voltage	Coil code	Operating range		Resistance	Rated coil consumption
U _N		U_{min}	U _{max}	R	I at U _N
V		V	V	Ω	mA
5	7 .005	3.9	7.5	125	40
12	7 .012	9.4	18	720	16
24	7 .024	18.7	36	2880	8.3
48	7 .048	37.4	72	11520	4

R 32 - DC coil operating range v ambient temperature



- 1 Max. permitted coil voltage.
- **2 -** Min. pick-up voltage with coil at ambient temperature.

Outline drawing

Types 32.21-4000/4300

