

**1 or 2 pole, 20 A relay
for direct 35 mm rail (EN 60715) mounting**

- 17.4 mm wide
- Test button
- Identification label
- AC coils and DC coils
- 35 mm rail (EN 60715) mount
- Cadmium free contact material

22.21/22
Screw terminals



22.21

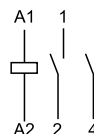
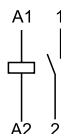


22.22



- Single phase switch 1 NO (SPST-NO)
- 35 mm rail (EN 60715) mount

- Double phase switch 2 NO (DPST-NO)
- 35 mm rail (EN 60715) mount



For outline drawing see page 6

Contact specification

Contact configuration	1 NO (SPST-NO)	2 NO (DPST-NO)
Rated current/Maximum peak current	A	20/30
Rated voltage/ Maximum switching voltage	V AC	250/400
Rated load AC1	VA	5000
Rated load AC15 (230 V AC)	VA	1000
Single phase motor rating (230 V AC)	kW	—
Breaking capacity DC1: 30/110/220 V	A	20/0.3/0.12
Nominal lamp rating:		
230 V incandescent/halogen W	1000	1000
fluorescent tubes with electronic ballast W	400	400
fluorescent tubes with electromechanical ballast W	360	360
CFL W	200	200
230 V LED W	200	200
LV halogen or LED with electronic ballast W	200	200
LV halogen or LED with electromechanical ballast W	400	400
Minimum switching load	mW (V/mA)	1000 (10/10)
Standard contact material	AgSnO ₂	AgSnO ₂

Coil specification

Nominal voltage (U _N)	V AC (50/60 Hz)	12 - 24 - 230	
	V DC	12 - 24	12 - 24
Rated power AC/DC	VA (50 Hz)/W	3/1.25	3/1.25
Operating range	AC (50 Hz)	(0.85...1.1)U _N	(0.85...1.1)U _N
	DC	(0.9...1.1)U _N	(0.9...1.1)U _N

Technical data

Mechanical life AC/DC	cycles	500 · 10 ³	500 · 10 ³
Electrical life at rated load in AC1	cycles	50 · 10 ³	50 · 10 ³
Operate/release time	ms	15/8	15/8
Maximum impulse duration		continuous	continuous
Insulation between coil and contacts (1.2/50 μs)	kV	4	4
Ambient temperature range	°C	-40...+40	-40...+40
Protection category		IP 20	IP 20

Approvals relay (according to type)



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- 35 mm rail (EN 60715) mount
- Cadmium free contact material

22.23/24
Screw terminals



22.23



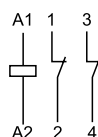
- Double phase switch 1 NO + 1 NC (SPST-NO + SPST-NC)
- 35 mm rail (EN 60715) mount



22.24



- Double phase switch 2 NC (DPST-NC)
- 35 mm rail (EN 60715) mount



For outline drawing see page 6

Contact specification

Contact configuration		1 NO + 1 NC (SPST-NO + SPST-NC)	2 NC (DPST-NC)
Rated current/Maximum peak current	A	20/30	20/30
Rated voltage/ Maximum switching voltage	V AC	250/400	250/400
Rated load AC1	VA	5000	5000
Rated load AC15 (230 V AC)	VA	1000	1000
Single phase motor rating (230 V AC)	kW	—	—
Breaking capacity DC1: 30/110/220 V	A	20/0.3/0.12	20/0.3/0.12
Nominal lamp rating:			
230 V incandescent/halogen W		1000	1000
fluorescent tubes with electronic ballast W		400	400
fluorescent tubes with electromechanical ballast W		360	360
CFL W		200	200
230 V LED W		200	200
LV halogen or LED with electronic ballast W		200	200
LV halogen or LED with electromechanical ballast W		400	400
Minimum switching load	mW (V/mA)	1000 (10/10)	1000 (10/10)
Standard contact material		AgSnO ₂	AgSnO ₂

Coil specification

Nominal voltage (U _N)	V AC (50/60 Hz)	12 - 24 - 230	
	V DC	12 - 24	12 - 24
Rated power AC/DC	VA (50 Hz)/W	3/1.25	3/1.25
Operating range	AC (50 Hz)	(0.85...1.1)U _N	(0.85...1.1)U _N
	DC	(0.9...1.1)U _N	(0.9...1.1)U _N

Technical data

Mechanical life AC/DC	cycles	500 · 10 ³	500 · 10 ³
Electrical life at rated load in AC1	cycles	50 · 10 ³	50 · 10 ³
Operate/release time	ms	15/8	15/8
Maximum impulse duration		continuous	continuous
Insulation between coil and contacts (1.2/50 μs)	kV	4	4
Ambient temperature range	°C	-40...+40	-40...+40
Protection category		IP 20	IP 20

Approvals relay (according to type)

