

1 or 2 Pole 16 A Step relays for direct 35 mm rail (EN 60715) mounting

- 17.4 mm wide
- Test button with mechanical indicators
- Choice of 7 switching sequences
- AC coils and DC coils
- Identification label
- Possible to connect illuminated push buttons with the additional part 026.00
- 35 mm rail (EN 60715) mount
- Cadmium free contact material

20.21/22/24/26/27/28/23
Screw terminal



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

For outline drawing see page 5

Contact specification

Contact configuration	1 NO (SPST-NO)	2 NO (DPST-NO)	1NO+1NC (SPST-NO+SPST-NC)
Rated current/Maximum peak current	A 16/30	16/30	16/30
Rated voltage/ Maximum switching voltage	V AC 250/400	250/400	250/400
Rated load AC1	VA 4000	4000	4000
Rated load AC15 (230 V AC)	VA 750	750	750
Nominal lamp rating:			
230 V incandescent/halogen W	2000	2000	2000
fluorescent tubes with electronic ballast W	1000	1000	1000
fluorescent tubes with electromechanical ballast W	750	750	750
CFL W	400	400	400
230 V LED W	400	400	400
LV halogen or LED with electronic ballast W	400	400	400
LV halogen or LED with electromechanical ballast W	800	800	800
Minimum switching load	mW (V/mA) 1000 (10/10)	1000 (10/10)	1000 (10/10)
Standard contact material	AgSnO ₂	AgSnO ₂	AgSnO ₂

Coil specification

Nominal voltage (U _N)	V AC (50/60 Hz)	8 - 12 - 24 - 48 - 110 - 120 - 230 - 240	
	V DC	12 - 24 - 48 - 110	12 - 24 - 48 - 110
Rated power AC/DC	VA (50 Hz)/W	6.5/5	6.5/5
Operating range	AC	(0.85...1.1)U _N (50 Hz)/(0.9...1.1)U _N (60 Hz)	
	DC	(0.9...1.1)U _N	(0.9...1.1)U _N

Technical data

Mechanical life AC/DC	cycles	300 · 10 ³	300 · 10 ³	300 · 10 ³
Electrical life at rated load in AC1	cycles	100 · 10 ³	100 · 10 ³	100 · 10 ³
Minimum/Maximum impulse duration		0.1 s/1 h (according to EN 60669)	0.1 s/1 h (according to EN 60669)	0.1 s/1 h (according to EN 60669)
Insulation between coil and contacts (1.2/50 μs)	kV	4	4	4
Ambient temperature range	°C	-40...+40	-40...+40	-40...+40
Protection category		IP 20	IP 20	IP 20

Approvals (according to type)



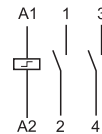
20.21

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



20.22, 24, 26, 27, 28

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



20.23

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

