

Modular contactors 25 - 32 - 40 - 63 A



Hotel room
energy-
enabling units



Garden and night
lighting



Streetlights
and car park
lighting



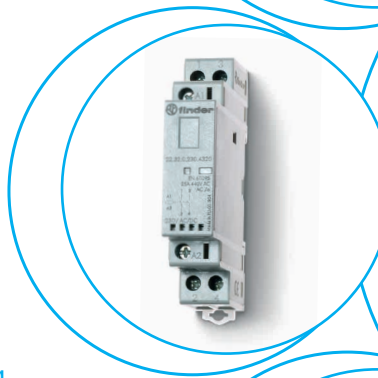
Bathrooms
lighting
control



Office lighting
control



Pump control



22
SERIES

25 A modular contactor - 2 pole

- 17.5 mm wide
- NO contact gap ≥ 3 mm, double break
- Continuous duty for the coil and contacts
- AC/DC silent coil (with varistor protection)
- Protective separation (reinforced insulation) between coil and contacts
- Mechanical and LED indicators as standard
- Auto-On-Off selector version available
- AgNi and AgSnO₂ contact versions available
- Compliant with EN 61095: 2009
- Auxiliary contact module available, quick-assembly with the main contactor (1 NO + 1 NC and 2 NO versions)
- For railway applications; materials compliant with fire and smoke characteristics (EN 45545-2 + A1: 2016)
- 35 mm rail (EN 60715) mount

22.32...1xx0/22.32...4xx0

Screw terminal



For outline drawings see page 14

Contact specification

Contact configuration	2 NO, 3 mm* (or 1 NO + 1 NC or 2 NC)	
Rated current/Maximum peak current	A	25/80
Rated voltage	V AC	250/440
Rated load AC1 / AC-7a (per pole @ 250 V)	VA	6250
Rated current AC3 / AC-7b	A	10
Rated load AC15 (per pole @ 230 V)	VA	1800
Single-phase motor rating (230 V AC)	kW	1
Rated current AC-5a (per pole @ 250 V)	A	15
Rated current AC-7c	A	—

Nominal lamp rating:

230 V incandescent/halogen W	800	2000
fluorescent tubes with electronic ballast W	300	800
fluorescent tubes with electromagnetic ballast W	200	500
CFL W	100	200
230 V LED W	100	200
LV halogen or LED with electronic ballast W	100	200
LV halogen or LED with electromagnetic ballast W	300	800

Breaking capacity DC1: 30/110/220 V	A	25/5/1	25/5/1
Minimum switching load	mW (V/mA)	1000 (10/10)	1000 (10/10)
Contact material		AgNi	AgSnO ₂

Coil specification

Nominal voltage (U _N)	V DC/AC (50/60 Hz)	12 - 24 - 48 - 60 - 120 - 230	12 - 24 - 48 - 60 - 120 - 230
Rated power AC/DC	VA (50 Hz)/W	2/2.2	2/2.2
Operating range	DC/AC (50/60 Hz)	(0.8...1.1)U _N	(0.8...1.1)U _N
Holding voltage	DC/AC (50/60 Hz)	0.4 U _N	0.4 U _N
Must drop-out voltage	DC/AC (50/60 Hz)	0.1 U _N	0.1 U _N

Technical data

Mechanical life AC/DC	cycles	2 · 10 ⁶	2 · 10 ⁶
Electrical life at rated load AC-7a	cycles	70 · 10 ³	30 · 10 ³
Operate/release time	ms	30/20	30/20
Insulation between coil and contacts (1.2/50 μs)	kV	6	6
Ambient temperature range	°C	-20...+50	-20...+50
Protection category		IP 20	IP 20

Approvals (according to type)

22.32.0.xxx.1xx0

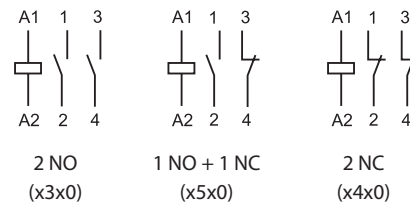


- AgNi contacts, specifically intended for resistive and slightly inductive loads as well as for motor loads

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- AgSnO₂ contacts, specifically intended for lamp loads and for high inrush current loads



- Contact gap ≥ 3 mm for NO contacts only; NC contacts ≥ 1.5 mm