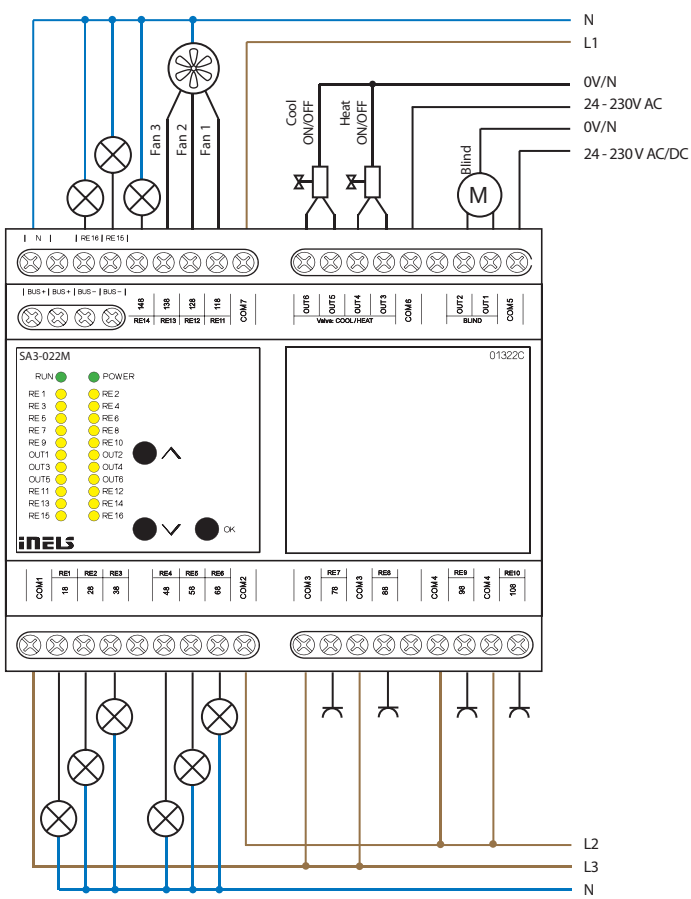


EAN code
SA3-022M: 8595188135269

- SA3-022M is an expansion module for the CU3-03M central unit, designed primarily for controlling the hotel room.
- Equipped with 22 relay outputs (of which 1x changeover contact – roller blinds, blinds).
- Switch lighting and socket circuits (6A and 10A relay) with common potential at the "COMx" terminal.
- Control of roller blinds, blinds (24 - 230 V AC / DC).
- Relay control of the fan coil unit - heating / cooling, 3 fan speeds (24 - 230 V AC / DC).
- Connection to BUS, communication with CU3-03M.
- The front panel LEDs indicate the status of each output.
- SA3-022M in design 6-MODULE is designed to be mounted into a switchboard, onto DIN rail EN60715.

Technical parameters	SA3-022M
Outputs	
Output indication:	yellow LED
Output relays separated from all internal circuits:	reinforced Insulation *
Insulation between COM potentials:	reinforced Insulation *
Isolates. voltage open relay contact:	1 kV
SSR (Electronic Relay):	4x NO (OUT3 - OUT6)
Switching voltage:	20 - 240 V AC
Switching output:	480 VA
Surge current:	20 A, t ≤ 16 ms
Relay 6A:	12x NO (RE1 - RE6, RE11 - RE16), 1x HW block changeover (OUT1, OUT2)
Switched voltage:	250 V AC1, 30 V DC
Switched output:	1500 VA/AC1, 180 W/DC
Minimum switching load:	500 mW (12 V / 10 mA)
Mechanical life:	$10x10^6$
Electrical life AC1:	$6x10^4$
Relay 10A:	4x NO (RE7 - RE10)
Switching voltage:	250 V AC1, 24 V DC
Switching output:	2500 VA/AC1, 240 W/DC
Surge current:	30 A max. 4s at 10%
Minimal switched current:	100 mA
Switching frequency without load:	1200 min^{-1}
Switching frequency with rated load:	6 min^{-1}
Mechanical life:	$3x\ 10^7$
Electrical life AC1:	$0.7x\ 10^5$
Communication	
Installation BUS:	BUS
Power status indication:	green LED POWER
Unit status indication:	green LED RUN
Power supply	
Supply voltage / tolerance:	27 V DC, -20 / +10 %
Rated current:	100 mA (at 27V DC), from BUS
Connection	
Terminal:	max. 2.5 mm^2/1.5 mm^2 with sleeve
Operating conditions	
Operating temperature:	-20 to +55 °C
Storing temperature:	-30 to +70 °C
Protection degree:	IP20 device, IP40 mounting in the switchboard
Overvoltage category:	II.
Pollution degree:	2
Operating position:	any
Installation:	switchboard on DIN rail EN 60715
Design:	6-MODULE
Dimensions and weight	
Dimensions:	90 x 105 x 65 mm
Weight:	307 g

Connection



* (Cat. II surges by EN 60664-1)