



EAN code

EA3-022M: 8595188135238

Technical parameters	EA3-022M
Outputs	
Output relays separated from all internal circuits:	reinforced insulation (Cat. II surges by EN 60664-1)
Insulation between COM potentials:	reinforced insulation (Cat. II surges by EN 60664-1)
Isolates. voltage open relay contact:	1 kV
SSR (Electronic Relay):	4x switching (VALVE1-VALVE2)
Switching voltage:	20 - 240 V AC
Switching output:	480 VA
Surge current:	20 A, $t \leq 16$ ms
Relay 6 A:	12x switching (RE1 - RE6, RE11 - RE16), 1x HW block changeover (OUT1, OUT2)
Switching voltage:	250 V AC, 24 V DC
Switching output:	1500 VA/AC1; 300 VA/AC15; 180 W/DC, AC3
Minimum switching load:	500 mW (12 V/10 mA)
Mechanical life:	10×10^6
Electrical life AC1:	6×10^4
Relay 10 A:	4x switching (RE7 - RE10)
Switching voltage:	250 V AC, 24 V DC
Switching output:	2500 VA/AC1, 240 W/DC
Surge current:	30 A max. 4 s at 10 %
Minimal switched current:	100 mA
Switching frequency without load:	1200 min^{-1}
Switching frequency with rated load:	6 min^{-1}
Mechanical life:	3×10^7
Electrical life AC1:	0.7×10^5
Communication	
Installation BUS:	BUS
Unit status indication:	green LED RUN
Power supply	
Supply voltage/tolerance:	27 V DC, -20/+10 %
Dissipated power:	max. 2 W
Rated current:	100 mA (at 27 V 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:	337 g

- Equipped with 22 relay outputs (of which 1x changeover contact – roller blinds, blinds).
- Switch lighting and socket circuits (6 A and 10 A 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.
- EA3-022M in design 6-MODULE is designed to be mounted into a switchboard, onto DIN rail EN60715.

Connection

