

MM1-20-2412-11

MM1-20-1612-11

Multi Actuator

24x16A / 12 Digital Input

16x16A / 12 Digital Input

Manages lighting, curtains, blinds, unlucking, air conditioning, water, electricity and energy control like a Maestro.

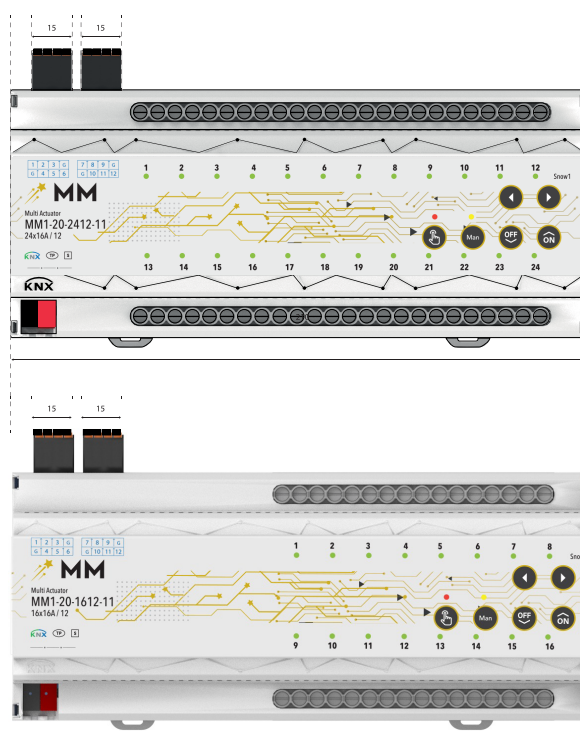
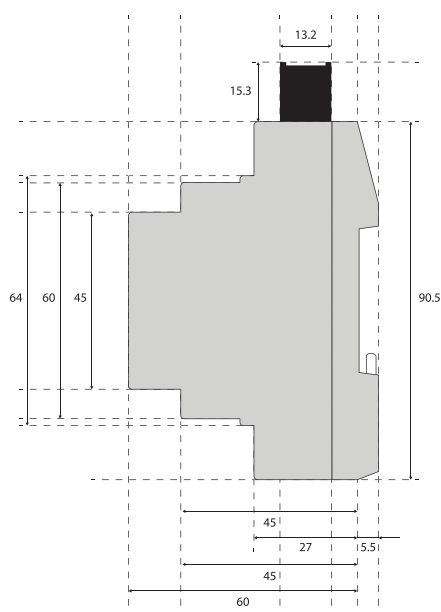
Lights, Heating, Shutter, Fancoil controls.

The compact multi switch actuator has 24/16 independent 16A switching relays and 12 binary inputs.

The outputs can be used individually via KNX for switching electrical loads or in pairs for controlling 230V AC roller shutter or blinds drives (no electromechanically interlocking). The device features a manual operation, which can also be disabled. Via the manual operation the outputs can be operated manually and the switching or driving status is displayed. The device is powered by KNX and requires no additional power supply. Works as a binary inputs for connecting conventional push buttons or potential-free contacts.



Dimension Drawing



Device Technical Data

Protection Grade

IP 20

EN 60 529

Safety Class

II

EN 61 140

Power Supply

Voltage

21V... 30V DC, SELV

Current consumption

≤ 10 mA

Connections

Screw terminals

0,5...3,31 mm² solid and stranded wire
0,5...3,31 mm² stranded wire with
ferrule 0.5 Nm

Type of load

Incandescent lamp
Halogen lamp
Inductive loads, transformer
Electronic drivers

4000 W
4000 W
2000 W
1500 W

Type of contact

Potential-free, bistable

Input

Number
Scanning voltage
Current
Cable length

12 binary inputs
5 V pulsed
1 mA
< 300 m

Output

Number

Switching voltage
Switching current 250 V AC
Switching current 250 V AC,
capacitive loads
Maximum switching power
Mechanical life

24 / 12 out put

250 V AC; 50/60 Hz
16A / AC 1
16A (200µF)
4000 VA
> 1 x 10⁶

Installation

35mm mounting rail

EN 60 715

Operating Elements

LED (red) and button

For physical address

Temperature Range

Ambient
Storage

-5° C + 45° C
-25° C + 55° C

Humidity

max. air humidity

Configuration

Configuration with ETS

85 % no moisture condensation

Dimensions

D x W x H in mm

60,5 x 210 x 90,5

Weight

0,65 kg

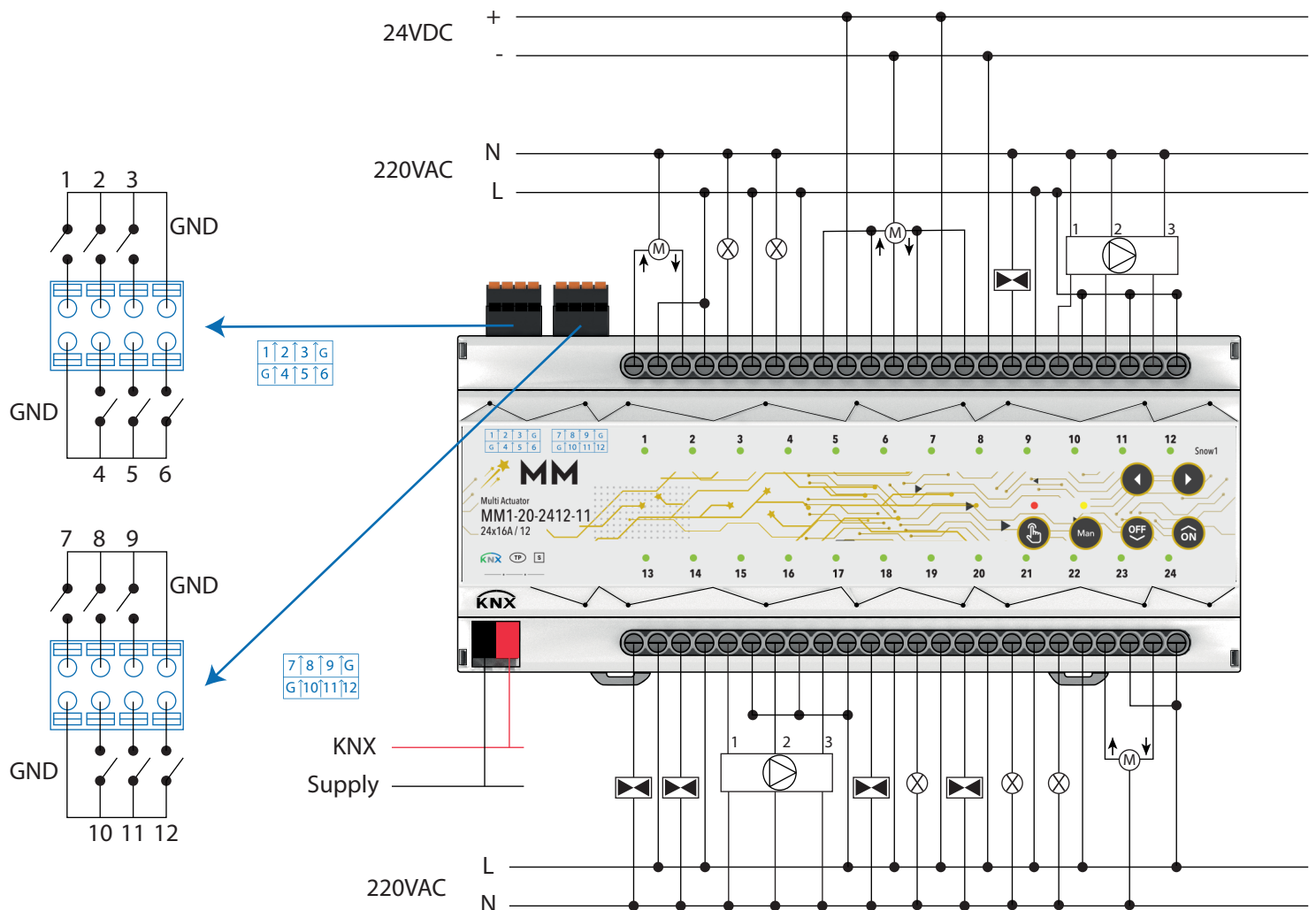
Material

Plastic, polycarbonate, colour grey

CE

In accordance with the EMC
guideline and low voltage

Connection Schematic



Outputs

OUT A-B Shutter - Blind
OUT C Lighting
OUT D Lighting
OUT E-F-G-H Shutter - Blind DC

OUT I-J-K-L 2 Pipes - FanCoil
OUT M-N-O-P-Q 4 Pipes - FanCoil
OUT R Heating
OUT S Lighting

OUT T Heating
OUT U Lighting
OUT V Lighting
OUT W-X Shutter - Blind