

CMA-D111/UC24V

1 digital | 1 CO | AUTO-OFF-ON | feedback contact



Main circuit

Available contact materials	⚡ AgSnO ₂
Outputs	1 CO
Recommended minimum contact load	100 mA / 6 V DC
Maximum contact load AC	12 A / 250 V AC-1
Maximum contact load DC	12 A / 30 V DC-1
Rated current	12 A
Inrush current	48 A, 2.5 ms
Rated load AC	4 000 VA
Rated load DC	DC-1: see fig. 3
Mechanical endurance (cycles)	≥ 10 000 000
Electrical endurance at rated load AC-1 (cycles)	≥ 100 000
Pick-up time	≤ 10 ms
Release time	≤ 5 ms
Type of interruption	Micro-interruption

Control circuit

Inputs	1 digital
Nominal voltage	24 V AC/DC
Operating voltage range	-15 ... 10 %
Pick-up voltage	≤ 0.75 U _N
Release voltage	≥ 0.05 U _N
Power consumption AC / DC	0.55 VA / 0.6 W
Frequency range	45 ... 65 Hz

Switch contact

Available contact materials	⚡ AgNi
Switching voltage	30 V AC/DC
Switching current	100 mA

Insulation

Type of insulation	basic
Test voltage open contact	1 kV / 1 min
Test voltage contact / coil	1.5 kV / 1 min
Overvoltage category	III
Pollution degree	2

General data

Storage temperature (no ice)	-40 ... 85 °C
Operation temperature	-25 ... 55 °C
Conductor cross section control / main circuit	2.5 mm ² , 2 x 1.5 mm ²
Nominal screw torque control / main circuit	0.5 Nm
Ingress Protection	IP 20
Mounting	TH35 (IEC 60715)
Mounting distance	0
Operation Position	Any
Categories of environmental protection	RT III
Dimensions	fig. 4
Weight	58 g
Housing material	PA66

Product references

Description	Type	24
1 digital 1 CO	CMA-D111/UC...V	✓

"..." List control circuit voltage to complete product references. For customized kits please contact support.

Accessories

2-pole potential bridge bar	V10-G (BAG 5 PCS)
4-pole potential bridge bar	V44-G (BAG 5 PCS)
8-pole potential bridge bar	V84-G (BAG 5 PCS)

* The minimum contact load value is recommended value under normal conditions such as regular switching, no special ambient conditions, etc. Under these conditions reliable switching behavior can be expected.

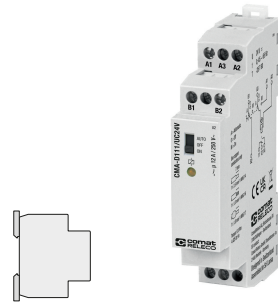


fig. 1. Wiring diagram

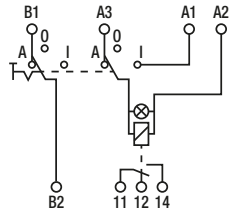


fig. 2. AC / DC voltage endurance

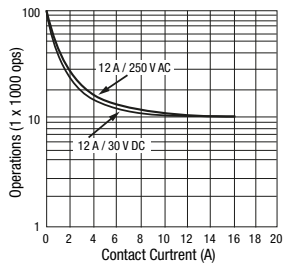


fig. 3. DC load limit curve

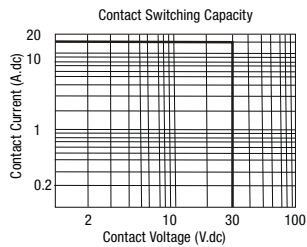
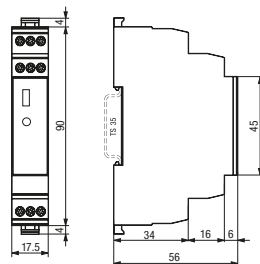


fig. 4. Dimensions (mm)



Technical approvals, conformities

Standards EN 61810-1

Approvals  