

# AM2/AC220-240V

Multifunction | 24 ... 60 V AC / DC | 220 ... 240 V AC | 1 CO



## Time data

Timing functions	fig. 1 1: E 2: A, K 3: W
Timing range	0.5 s ... 6 s / 5 s ... 60 s / 0.5 min ... 6 min / 5 min ... 60 min
Timing scale	6 min / 60 min

## Main circuit

Number of contacts	1 CO
Available contact materials	AgNi
Rated voltage	250 V
Rated current	8 A
Minimum load	10 mA, 12 V
Inrush current	16 A, 10 ms
Rated load DC	fig. 3
Rated load AC-1	2,500 VA
Mechanical endurance (cycles)	20 000 000
Electrical endurance at rated load AC-1 (cycles)	fig. 2

## Control circuit

Nominal voltage	220 ... 240 V AC
Operating voltage range	180 ... 265 V AC
Power consumption AC / DC	3.6 VA / -
Current consumption on supply A1-A2 AC / DC	< 15 mA / -
Current consumption on input control B1 AC / DC	< 10 mA / -
Threshold voltage on input control B1 AC / DC	170 V / -
Frequency range	0; 40 ... 60 Hz

## Insulation

Rated test voltage control / main circuit	2 kV rms / 1 min
Rated test voltage open contact	1 kV rms / 1 min
Pollution degree	2
Overtoltage category	III

## General data

Storage temperature (no ice)	-40 ... 85 °C
Operation temperature	-25 ... 60 °C
Conductor cross section control / main circuit	2.5 mm <sup>2</sup> , 2 x 1.5 mm <sup>2</sup>
Nominal screw torque control / main circuit	0.5 Nm
Dimensions	fig. 4
Weight	70 g
Ingress Protection	IP 20
Housing material	PC

## Product references

Description	Type	220-240
AC supply	AM2/AC...V	✓

Other voltages on request. Please contact support@comatreleco.com.  
«...» List control circuit voltage to complete product references.

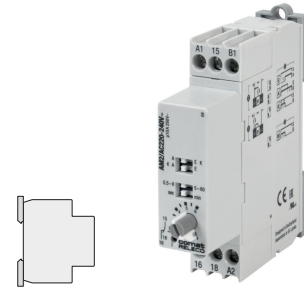


fig. 1. Wiring diagram

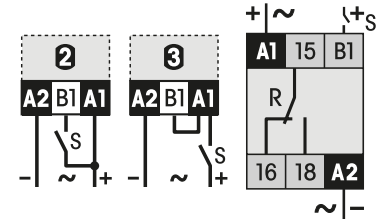


fig. 2. AC voltage endurance

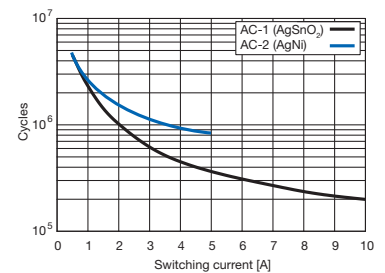


fig. 3. DC load limit curve

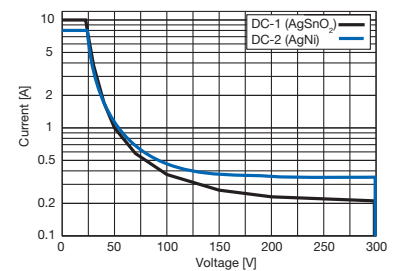
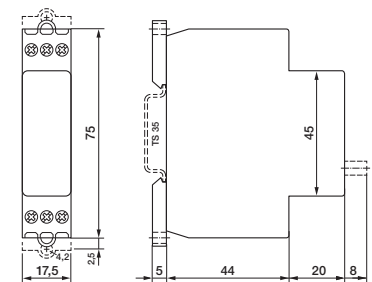


fig. 4. Dimensions (mm)



## Technical approvals, conformities

Standards IEC/EN 61812-1

Approvals