

AM3/UC24-60V

Multifunction | 24 ... 60 V AC / DC | 110 ... 240 V AC / DC | 2 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	2 CO
Available contact materials	⚡ AgSnO ₂
Rated voltage	250 V
Rated current	10 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	24 ... 60 V AC / DC
Operating voltage range	19 ... 75 V AC / DC
Power consumption AC / DC	3.0 VA / 3.0 W
Current consumption on supply A1-A2 AC / DC	< 50 mA / < 50 mA
Current consumption on input control B1 AC / DC	< 20 mA / < 20 mA
Threshold voltage on input control B1 AC / DC	19 V / 19 V
Frequency range	0; 40 ... 60 Hz

Insulation

Rated test voltage control / main circuit	2 kV rms / 1 min
Rated test voltage main / main circuit	2 kV rms / 1 min
Rated test voltage open contact	1 kV rms / 1 min
Pollution degree	2
Overvoltage 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 ² , 2 x 1.5 mm ²
Nominal screw torque control / main circuit	0.5 Nm
Dimensions	fig. 4
Weight	110 g
Ingress Protection	IP 20
Housing material	PC

Product references

Description	Type	24-60
AC / DC Supply	AM3/UC...V	✓

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

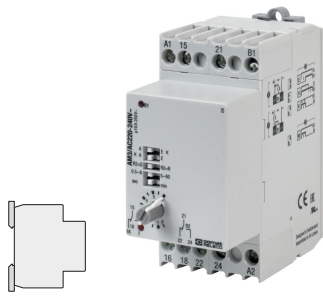


fig. 1. Wiring diagram

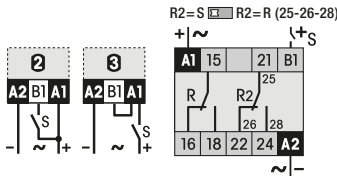


fig. 2. AC voltage endurance

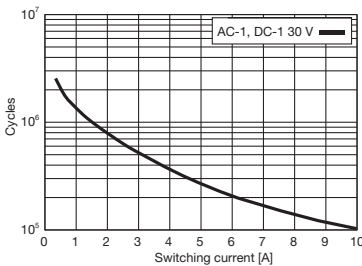


fig. 3. DC load limit curve

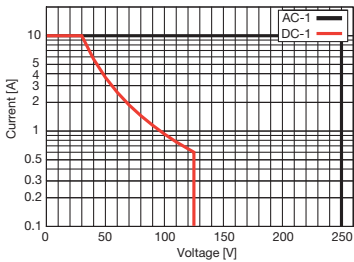
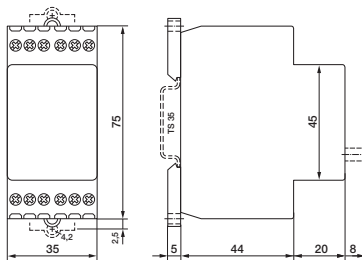


fig. 4. Dimensions (mm)



Technical approvals, conformities

Standards IEC/EN 61812-1

Approvals