

CIM1R/UC24-240V
Multifunction | 24 ... 240 V AC / DC | 1 CO



Table with 2 columns: Parameter (Time data, Timing functions, Timing range, Timing scale) and Value (fig. 1 1: E 2: A, K, N, B1, S, LS 3: B, W; 50 ms ... 60 h; 0.6 s / 6 s / 60 s / 6 min / 60 min / 6 h / 60 h)

Table with 2 columns: Parameter (Main circuit, Number of contacts, Available contact materials, Rated voltage, Switching at zero crossing, Rated current, Minimum load, Inrush current, Rated load DC, Rated load AC-1, Mechanical endurance (cycles), Electrical endurance at rated load AC-1 (cycles)) and Value (1 CO; AgNi; 250 V AC; yes (td > 0.6 s); 16 A; 10 mA, 10 V; 30 A, 10 ms; fig. 3; 4,000 VA; ≥ 30 000 000; fig. 2)

Table with 2 columns: Parameter (Control circuit, Nominal voltage, Operating voltage range, Power consumption AC / DC, Current consumption on supply A1-A2 AC / DC, Current consumption on input control B1 AC / DC, Threshold voltage on input control B1 AC / DC, Frequency range) and Value (24 ... 240 V AC / DC; 16.8 ... 250 V AC / DC; 1.2 VA / 430 mW; < 23 mA / < 23 mA; < 22 mA / < 22 mA; 13 V / 15 V; 0; 16 ... 63 Hz)

Table with 2 columns: Parameter (Insulation, Rated test voltage control / main circuit, Rated test voltage open contact, Pollution degree, Overvoltage category) and Value (2.5 kV rms / 1 min; 1 kV rms / 1 min; 2; III)

Table with 2 columns: Parameter (General data, Storage temperature (no ice), Operation temperature, Conductor cross section control / main circuit, Nominal screw torque control / main circuit, Dimensions, Weight, Ingress Protection, Housing material) and Value (-40 ... 85 °C; -40 ... 70 °C; 2.5 mm², 2 x 1.5 mm²; 0.5 Nm; fig. 4; 70 g; IP 20; PA)

Table with 3 columns: Description, Type, 24-240. Row 1: AC / DC Supply, CIM1R/UC...V, ✓. Text below: Other voltages on request. Please contact support@comatreleco.com. «...» List control circuit voltage to complete product references.

Table with 2 columns: Accessories, Labels. Value: BZS DIN 17.5MM

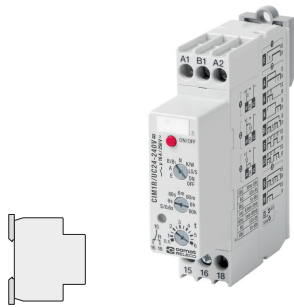


fig. 1. Wiring diagram

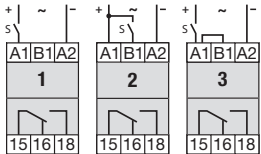


fig. 2. AC voltage endurance

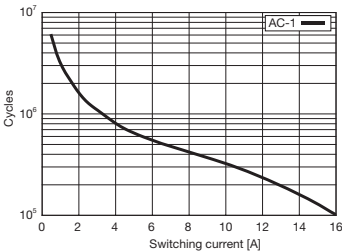


fig. 3. DC load limit curve

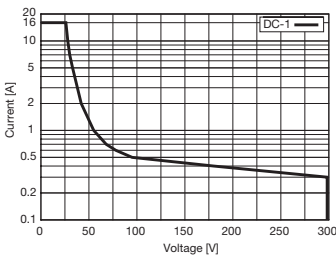
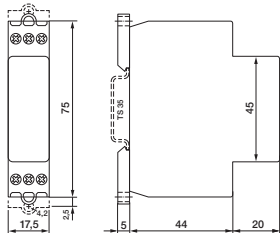


fig. 4. Dimensions (mm)



Technical approvals, conformities

Standards IEC/EN 61812-1
Railway EN 50155; EN 45545-2
Approvals CE UK c PA us EAC