C83/UC24-240V

Multifunction | 24 … 240 V AC / DC | 1 CO

Time data

Timing functions	fig. 1 2: E, A, N, L, F, K, G, B1, Q 3: E, W, H, B
Timing range	50 ms … 0.6 s / 0.5 s … 6 s / 5 s … 60 s / 0.5 min … 6 min / 5 min … 60 min / 0.5 h ... 6 h / 5 h … 60 h
Timing range t_2	G/H: 0.5 s Q/F: t2 = t1
Timing scale	0.6 s / 6 s / 60 s / 6 min / 60 min / 6 h / 60 h

Main circuit

Number of contacts	1 CO
Available contact materials	AgNi
Rated voltage	250 V
Rated current	8 A
Minimum load	10 mA, 10 V
Inrush current	30 A, 10 ms
Rated load DC	fig. 3
Rated load AC-1	2,000 VA
Mechanical endurance (cycles)	30 000 000
Electrical endurance at rated load AC-1 (cycles)	fig. 2

Control circuit

Nominal voltage	24 … 240 V AC / DC
Operating voltage range	20 ... 265 V AC / DC
Power consumption AC / DC	10 VA / 1.8 W
Current consumption on supply A1-A2 AC / DC	< 40 mA / < 35mA
Current consumption on input control B1 AC / DC	6.5 mA / 3.5 mA
Threshold voltage on input control B1 AC / DC	= 0.32 x Operating Voltage + 6 (min) = 0.38 x Operating Voltage + 9 (max)
Frequency range	0; 45 … 63 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
Overvoltage category	III

General data

Storage temperature (no ice)	-40 ... 85 °C
Operation temperature	-25 ... 60 °C
Dimensions	fig. 4
Weight	60 g
Ingress Protection	IP 20
Housing material	PC

Product references

Description	Type	24-240
AC / DC Supply	C83/UC...V	✓

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

Accessories

Socket	S7-C

fig. 1. Wiring diagram

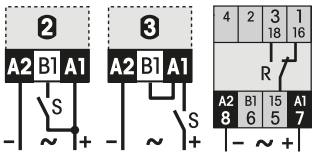


fig. 2. AC voltage endurance

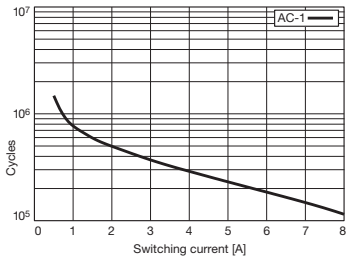


fig. 3. DC load limit curve

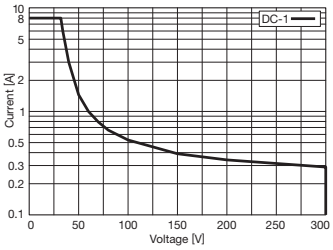
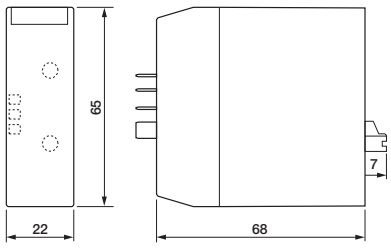


fig. 4. Dimensions (mm)



Technical approvals, conformities

Standards IEC/EN 61812-1

Approvals