

CY1/UC110-240V

Star-Delta | 24 ... 60 V AC / DC | 110 ... 240 V AC / DC | 1 NO + 1 CO



Time data

Timing functions	Y
Timing range	Star time: 0.5 s ... 6 s / 5 s ... 60 s Switchover time: 50 ms / 100 ms
Timing scale	6 s / 60 s

Main circuit

Number of contacts	1 NO + 1 CO
Available contact materials	AgNi
Rated voltage	250 V
Rated current	6 A
Minimum load	10 mA, 10 V
Inrush current	30 A, 10 ms
Rated load DC	fig. 3
Rated load AC-1	1,500 VA
Mechanical endurance (cycles)	30 000 000
Electrical endurance at rated load AC-1 (cycles)	fig. 2

Control circuit

Nominal voltage	110 ... 240 V AC / DC
Operating voltage range	90 ... 265 V AC/DC
Power consumption AC / DC	1 VA / 1 W
Current consumption on supply A1-A2 AC / DC	10 mA / 10 mA
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
Oversupply 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	76 g
Ingress Protection	IP 20
Housing material	PC

Product references

Description	Type	110-240
AC / DC Supply	CY1/UC...V	✓

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

Accessories

Labels	BZS DIN 17.5MM
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fig. 1. Wiring diagram

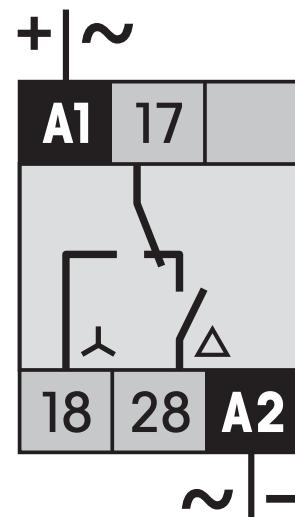


fig. 2. AC voltage endurance

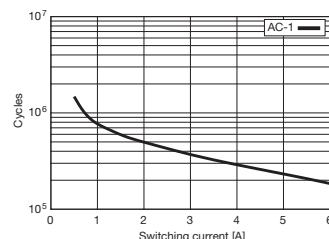


fig. 3. DC load limit curve

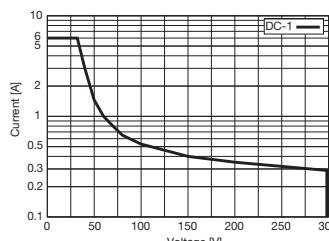


fig. 4. Dimensions (mm)

