

# C56

Multifunction | 24 ... 60 V UC | 110 ... 240 V UC | 2 CO | Potential-free control



### Time data

Timing functions	fig. 1 6: E, A, K, W, H, N, M, B, G, F, Q, I, P 7: E, W, H, B, I, P 5: U, V
Timing range	0.01 s ... 60 d
Timing scale	digital

### Main circuit

Number of contacts	2 CO
Contact Material	AgNi
Rated voltage	250 V
Rated current	5 A
Minimum load	10 mA, 12 V
Inrush current	10 A, 10 ms
Rated load DC	fig. 2
Rated load AC-1	1250 VA
Mechanical endurance (cycles)	5 x 10 <sup>6</sup>
Electrical endurance at rated load AC-1 (cycles)	fig. 3

### Control circuit

Nominal voltage	24 ... 60 V UC 110 ... 240 V UC
Operating voltage range	19 ... 75 V 88 ... 265 V
Power consumption AC / DC	2 VA / 2 W
Typ. input current on command input AC / DC	n.A.
Typ. threshold voltage on command input AC / DC	n.A. (10 V from COM)
Rated frequency	48 ... 400 Hz 48 ... 400 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

Ambient temperature storage	-40 ... 85 °C
Ambient temperature operation	-25 ... 60 °C
Module width	fig. 4
Weight	80 g
Protection degree	IP 20
Housing material	PC

### Product references

Types	Product reference	24-60	110-240
UC supply	C56/UC...V	✓	✓

"..." list control circuit voltage to complete product references.  
Other voltages on request. Please contact support@comatreleco.com.

### Accessories

Sockets	S3-M
Retaining clip	HF-50
Transparent front cover	FA-50
Front panel mounting set	FZ-50L



fig. 1. Wiring diagram

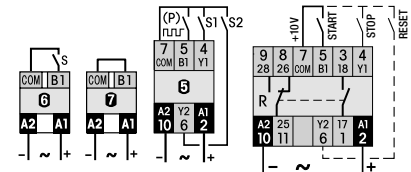


fig. 2. DC load limit curve

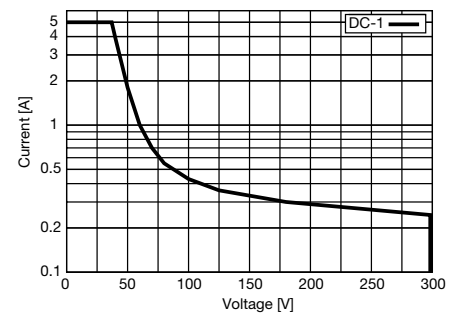


fig. 3. AC voltage endurance

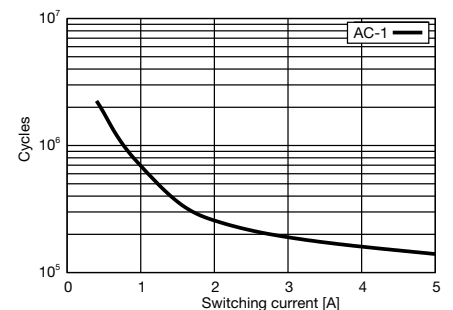
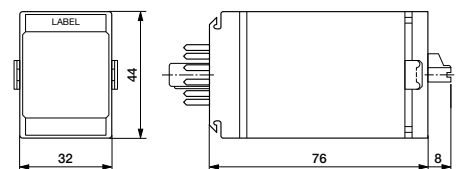


fig. 4. Dimensions (mm)



### Standards and approvals

Standards IEC/EN 60947

Approvals