

2.4 Time Relays - pluggable C83

Multifunction | 24 ... 240 V UC | 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 ... 60 h
Timing scale	0.6 s / 6 s / 60 s / 6 min / 60 min / 6 h / 60 h

Main circuit

Number of contacts	1 CO
Contact Material	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. 2
Rated load AC-1	2000 VA
Mechanical endurance (cycles)	3×10^7
Electrical endurance at rated load AC-1 (cycles)	fig. 3

Control circuit

Nominal voltage	24 ... 240 V UC
Operating voltage range	20 ... 265 V
Power consumption AC / DC	9 VA / 1.6 W
Typ. input current on command input AC / DC	6.5 / 3.5 mA
Typ. threshold voltage on command input AC / DC	18 V / 18 V
Rated frequency	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
Oversupply category	III

General data

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

Product references

Types	Product reference	24-240
UC supply	C83/UC...V	✓

“...” list control circuit voltage to complete product references.

Other voltages on request. Please contact support@comatreleco.com.

Accessories

Sockets	S7-C
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fig. 1. Wiring diagram

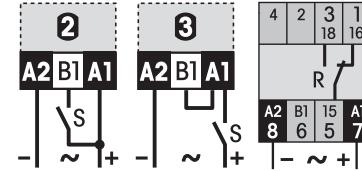


fig. 2. DC load limit curve

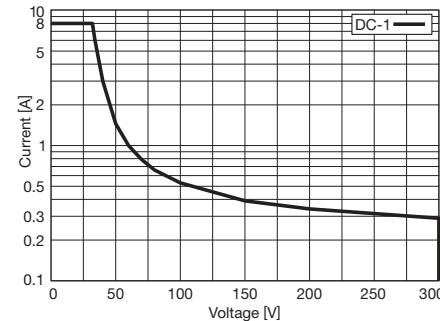


fig. 3. AC voltage endurance

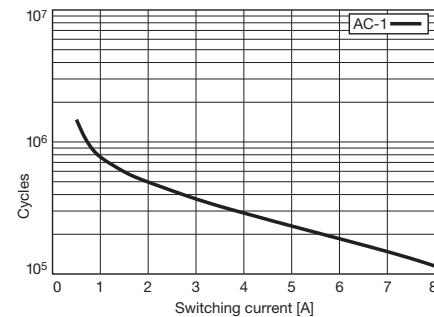
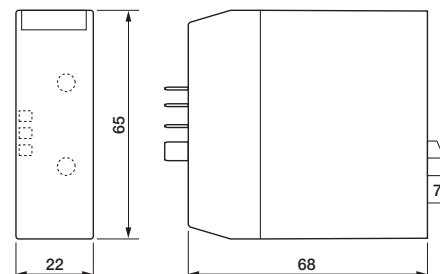


fig. 4. Dimensions (mm)



Standards and approvals

Standards IEC/EN 60947

Approvals CE EAC cULus

2.4 Time Relays - pluggable C85

Multifunction | 24 ... 240 V UC | 1 CO

Time data

Timing functions	fig. 1 2: F, G, Q, I, P 3: H, I, P
Timing range	50 ms ... 60 h
Timing scale	0.6 s / 6 s / 60 s / 6 min / 60 min / 6 h / 60 h

Main circuit

Number of contacts	1 CO
Contact Material	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. 2
Rated load AC-1	1250 VA
Mechanical endurance (cycles)	3×10^7
Electrical endurance at rated load AC-1 (cycles)	fig. 3

Control circuit

Nominal voltage	24 ... 240 V UC
Operating voltage range	20 ... 265 V
Power consumption AC / DC	9 VA / 1.6 W
Typ. input current on command input AC / DC	6.5 / 3 mA
Typ. threshold voltage on command input AC / DC	18 V / 18 V
Rated frequency	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
Oversupply category	III

General data

Ambient temperature storage	-40 ... 85 °C
Ambient temperature operation	-25 ... 60 °C
Module width	fig. 4
Weight	63 g
Protection degree	IP 20
Housing material	PC

Product references

Types	Product reference	24-240
UC supply	C85/UC...V	✓

“...” list control circuit voltage to complete product references.

Other voltages on request. Please contact support@comatreleco.com.

Accessories

Sockets	S7-C
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fig. 1. Wiring diagram

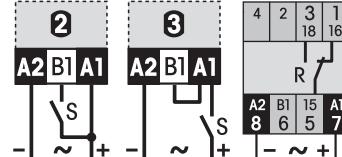


fig. 2. DC load limit curve

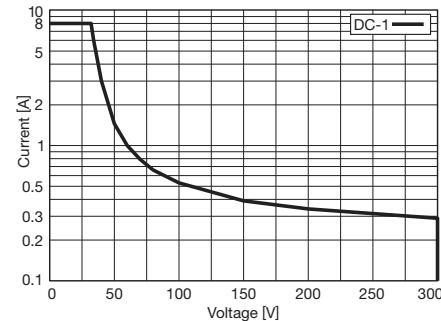


fig. 3. AC voltage endurance

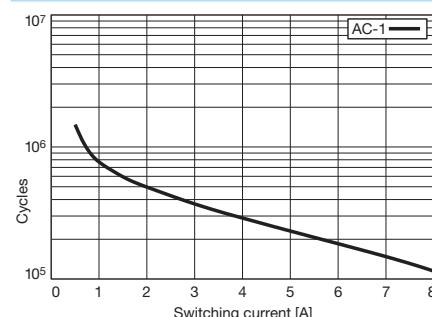
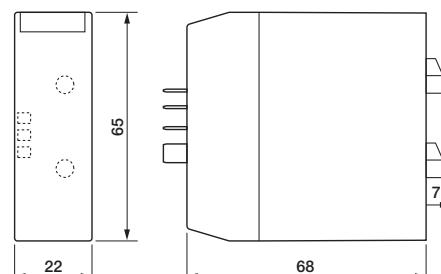


fig. 4. Dimensions (mm)



Standards and approvals

Standards	IEC/EN 60947
Approvals	CE EAC cULus