

CIM12R**Multifunction | 24 ... 240 V UC | 1 Triac****Time data**

Timing functions	fig. 1 1: E 2: A, K, N, B1, S, LS 3: B, W
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 outputs	1 NO
Output type	⚡ Triac, zero crossing
Rated voltage	250 V AC
Switching at zero crossing	yes ($t_0 > 0.6$ s)
Rated current	2 A
Minimum load	50 mA, 12 V
Inrush current	100 A, 10 ms
Rated limit load	78 A ² s
Typ. leakage current	1 mA
Rated load AC-1	300 VA
Mechanical endurance (cycles)	∞
Electrical endurance at rated load AC-1 (cycles)	∞

Control circuit

Nominal voltage	24 ... 240 V UC
Operating voltage range	16.8 ... 250 V
Power consumption AC / DC	1.2 VA / 430 mW
Typ. input current on command input AC / DC	22 / 22 mA
Threshold voltage on command input AC / DC	13 V / 15 V
Rated frequency	16 ... 63 Hz

Insulation

Rated test voltage control / main circuit	2.5 kV rms / 1 min
Pollution degree	2
Overvoltage category	III

General data

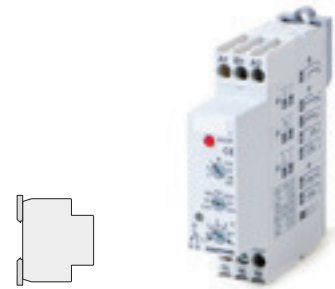
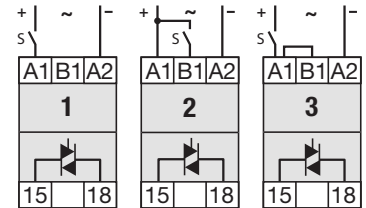
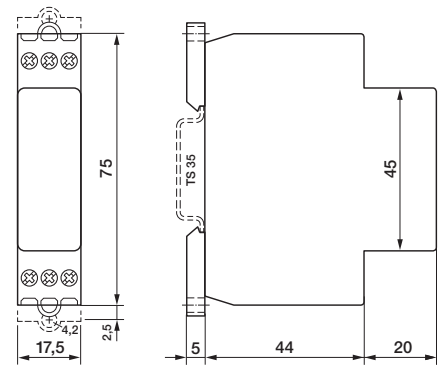
Ambient temperature storage (no ice)	-40 ... 85 °C
Ambient temperature operation	-40 ... 70 °C
Conductor cross section	2.5 mm ² , 2 x 1.5 mm ²
Nominal screw torque	0.4 Nm
Dimensions	fig. 2
Weight	70 g
Protection degree	IP 20
Housing material	PC

Product reference

Description	Type	24-240
UC supply, Railway version	CIM12R/UC...V	✓

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

«...» list control circuit voltage to complete product references.

**fig. 1. Wiring diagram****fig. 2. Dimensions (mm)****Standards and approvals**

Standards IEC/EN 60947; EN 50155; EN 45545-2

Approvals