

CM3/DC12-24V
Multifunction | 12 ... 24 V DC | 24 ... 48 V DC, 24 ... 240 V AC | 2 CO

Time data	
Timing functions	fig. 1 1: E 2: A, K, N, B1 3: B, W
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 scale	0.6 s / 6 s / 60 s / 6 min / 60 min / 6 h / 60 h

Main circuit	
Number of contacts	2 CO
Available contact materials	AgNi
Rated voltage	250 V
Rated current	5 A
Minimum load	10 mA, 10 V
Inrush current	10 A, 10 ms
Rated load DC	fig. 3
Rated load AC-1	1,250 VA
Mechanical endurance (cycles)	15 000 000
Electrical endurance at rated load AC-1 (cycles)	fig. 2

Control circuit	
Nominal voltage	12 ... 24 V DC
Operating voltage range	9.6 ... 28.8 V DC
Power consumption AC / DC	- / 1.2 W
Current consumption on supply A1-A2 AC / DC	- / < 45 mA
Current consumption on input control B1 AC / DC	- / < 13.8 mA
Threshold voltage on input control B1 AC / DC	- / 5.8 ... 6.5 V

Insulation	
Rated test voltage control / main circuit	2.5 kV rms / 1 min
Rated test voltage main / main circuit	2.5 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
Conductor cross section control / main circuit	2.5 mm², 2 x 1.5 mm²
Nominal screw torque control / main circuit	0.5 Nm
Dimensions	fig. 4
Weight	72 g
Ingress Protection	IP 20
Housing material	PC

Product references		
Description	Type	12-24
DC supply	CM3/DC...V	✓
Other voltages on request. Please contact support@comatreleco.com.		
«...» List control circuit voltage to complete product references.		

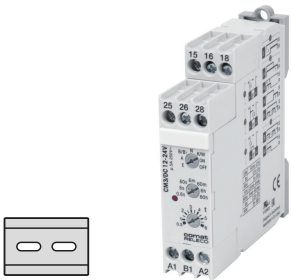


fig. 1. Wiring diagram

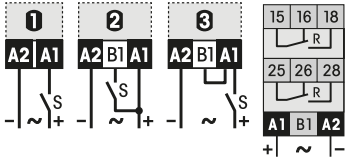


fig. 2. AC voltage endurance

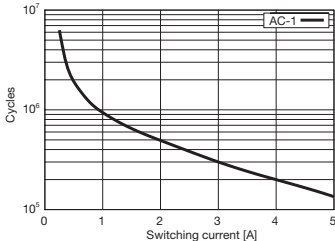


fig. 3. DC load limit curve

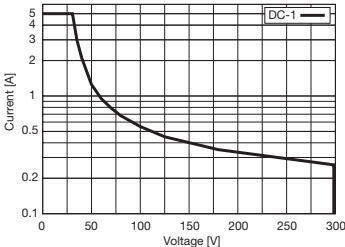


fig. 4. Dimensions (mm)

Technical approvals, conformities

Standards IEC/EN 61812-1

Approvals