

CMC1/DC12-24V

DC motor controller | digital inputs | constant operation speed



Power supply	
Nominal voltage	12 ... 24 V DC
Operating voltage range	8 ... 28 V DC
Maximum current consumption without load	10 mA
Power consumption 12 V DC	120 mW
Power consumption 24 V DC	240 mW
Main circuit	
Output type	 MOSFET
Rated voltage	24 V DC
Output voltage range	8 ... 28 V DC
Rated current	16 A
Maximum inrush current	20 A, 3 s
Rated limit load DC-5	384 W
Control circuit	
Nominal voltage	12 ... 24 V DC
Operating voltage range	8 ... 28 V DC
Ramp up	0 ... 4 s
Ramp down	0 ... 4 s
Current consumption 12 V DC	3 mA
Current consumption 24 V DC	6 mA
General data	
Storage temperature (no ice)	-40 ... 85 °C
Operation temperature	-25 ... 60 °C
Conductor cross section control / main circuit	2.5 mm ²
Nominal screw torque control / main circuit	0.6 Nm
Dimensions	fig. 3.
Weight	80 g
Ingress Protection	IP 20
Housing material	Aluminium
Mounting	TH35 (EN 60715) or back panel mounting
Housing and environmental conditions	
Relative humidity, no condensation	10 % ... 95 %

Product references		
Description	Type	12-24
DC	CMC1/DC...V	✓

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

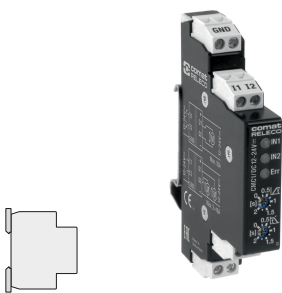


fig. 1. Wiring diagram

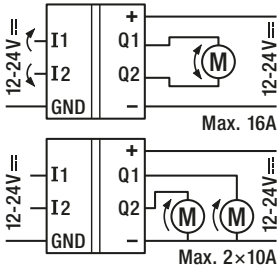


fig. 2. Function diagram

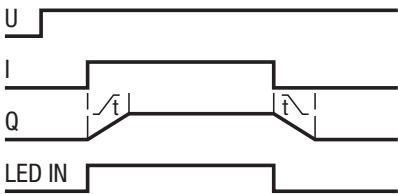
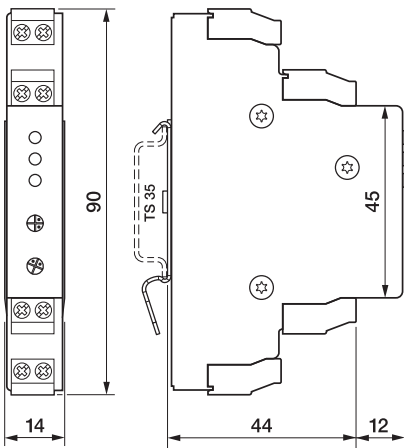


fig. 3. Dimensions (mm)



Technical approvals, conformities

Standards

EN 55022; EN 60730-1; EN 61000-4; EN 61000-6

Approvals



