

C203.06R/UC24V

2 pole | 2 coils | Signal relay

Main circuit

Available contact materials	AgAu
Recommended minimum contact load	10 μ A / 10 mV
Maximum contact load AC	0.5 A / 125 V
Maximum contact load DC	2 A / 30 V
Operating voltage AC / DC	See table product references
Rated load AC	100 VA
Rated load DC	60 W, fig. 2.
Rated current	0.5 A
Mechanical endurance (cycles)	$\geq 100\,000\,000$
Electrical endurance at rated load AC-1 (cycles)	$\geq 100\,000$
Number of contacts	2 CO

Control circuit

Nominal voltage	see table product references
Operating voltage range	$0.7 U_N \dots 1.25 U_N$
Pick-up voltage	$0.7 U_N$
Release voltage	$\geq 0.1 U_N$
Pick-up time	10 ms
Release time	20 ms
Power consumption AC	2×0.25 VA
Power consumption DC	2×0.25 W

Insulation

Contact/contact	4 kV / 1 min
Contact / coil	2 kV / 1 min
Overvoltage category	III
Rated impulse withstand voltage open contact	1 kV / 1 min
Pollution degree	3

General data

Storage temperature (no ice)	-40 ... 85 °C
Operation temperature	-25 ... 60 °C
Conductor cross section	solid wire 1 x 4 mm ² , 2 x 1.5 mm ² , stranded & crimped wire 1 x 2.5 mm ² , 2 x 1.5 mm ²
Nominal screw torque	0.5 Nm
Ingress Protection	IP 20
Mounting	TH35 (EN 60715)
Weight	65 g
Housing material	PA / PC

Product references

Description	Type	24
2 CO	C203.06R/UC...V	✓

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



fig. 1. Wiring diagram

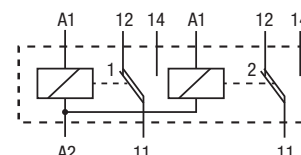


fig. 2. DC voltage endurance

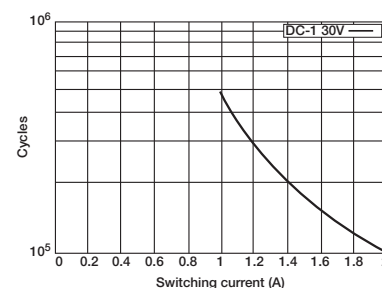


fig. 3. DC load limit curve

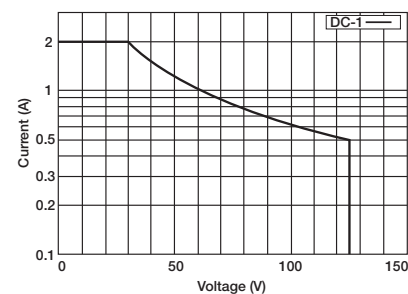
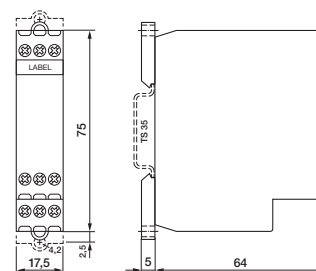


fig. 4. Dimensions (mm)



Technical approvals, conformities

Standards EN 61810

Railway EN 45545-2; EN 50155

Approvals