

C133.01/UC24V

2 pole | Power relay



Main circuit

Available contact materials	AgNi
Recommended minimum contact load	100 mA / 12 V
Maximum contact load AC-1	6 A / 250 V
Rated current	6 A
Inrush current	15 A, 20 ms
Operating voltage	See table product references
Rated load AC	1 500 VA
Rated load DC	300 W
Mechanical endurance (cycles)	≥ 20 000 000
Electrical endurance at rated load (cycles)	≥ 300 000
Number of contacts	2 CO

Control circuit

Nominal voltage	see table product references
Operating voltage range	$0.85 U_N \dots 1.15 U_N$
Pick-up voltage	$0.85 U_N$
Release voltage	$\geq 0.1 U_N$
Pick-up time	10 ms
Release time	10 ms
Power consumption AC	1.1 VA
Power consumption DC	1.1 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	89 g
Housing material	PA / PC

Product references

Description	Type	24
2 CO	C133.01/UC...V	✓

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

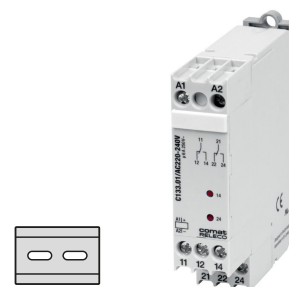


fig. 1. Wiring diagram

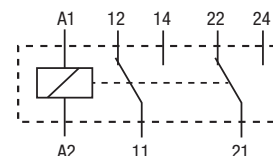


fig. 2. AC voltage endurance

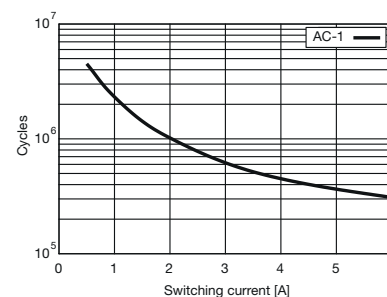
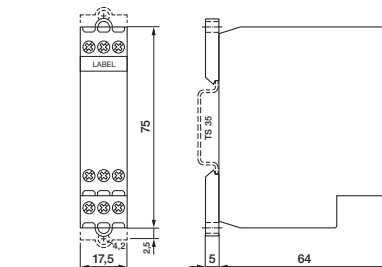


fig. 3. Dimensions (mm)



Technical approvals, conformities

Standards EN 61810

Approvals