

CR11C/DC24V

2 pole | Signal relay



Main circuit

Available contact materials	AgAu
Recommended minimum contact load	10 μ A / 10 mV
Maximum contact load AC-1	0.5 A / 125 V
Maximum contact load DC-1	1 A / 30 V
Rated current	1 A
Operating voltage	See table product references
Rated load AC	62.5 VA
Rated load DC	30 W
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	$0.8 U_N \dots 1.2 U_N$
Pick-up voltage	$0.8 U_N$
Release voltage	$\geq 0.1 U_N$
Pick-up time	3 ms
Release time	4 ms
Power consumption AC	0.25 VA
Power consumption DC	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	38g
Housing material	PA

Product references

Description	Type	24
2 CO	CR11C/DC...V	✓

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

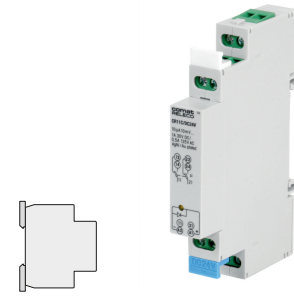


fig. 1. Wiring diagram

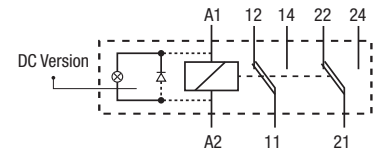


fig. 2. AC voltage endurance

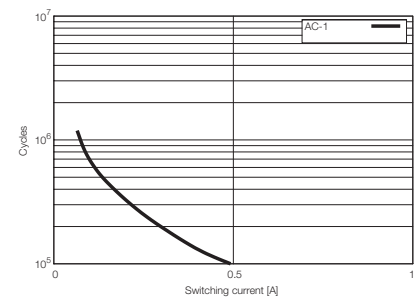
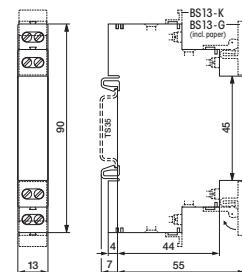


fig. 3. Dimensions (mm)



Technical approvals, conformities

Standards EN 61810

Approvals