

C203.06/AC220-240V

2 pole | 2 coil | 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	2 A / 30 V
Operating voltage	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	$0.8 U_N \dots 1.2 U_N$
Pick-up voltage	$0.8 U_N$
Release voltage	$\geq 0.1 U_N$
Pick-up time	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



fig. 1. Wiring diagram

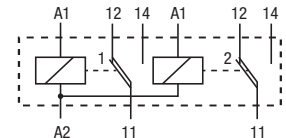


fig. 2. DC voltage endurance

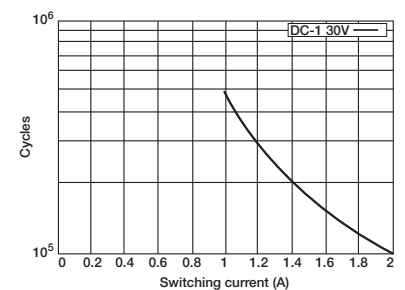


fig. 3. DC load limit curve

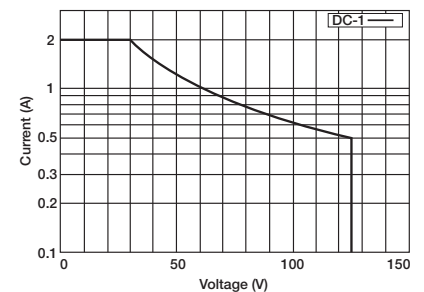
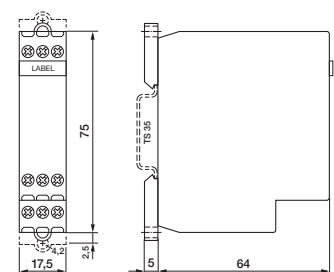


fig. 4. Dimensions (mm)



Technical approvals, conformities

Standards EN 61810

Approvals