

**B103**

**1 pole | Power Relay**

<b>Maximum contact load</b>	<b>10 A / 250 V AC-1</b>	<b>6 A 30 V DC-1</b>
<b>Recommended minimum contact load</b>	<b>10 mA / 12 V</b>	

**Contacts**

Type	1 CO
Material	⚡ AgSnO <sub>2</sub>
Max. inrush current (20 ms)	16 A

**Coil**

Operation voltage AC / DC	0.85 ... 1.15 U <sub>N</sub> / 0.85 ... 1.15 U <sub>N</sub>
Nominal power AC / DC	0.5 ... 5.5 VA / 1.2 W

**Insulation**

Test voltage I / O	2000 Vrms / 1min
Pollution degree	3
Over voltage category	III
Open contact	1000 Vrms
Standard	EN61810-1

**Specifications**

Ambient temperature: operation / storage	-20 ... 55 °C / -40 ... 85 °C (no ice)
Typical response time @ V <sub>n</sub>	20 ms
Typical release time @ V <sub>n</sub>	12 ms
Cond. cross section screw terminal	2.5 mm <sup>2</sup>
Protection degree	IP 20
Mounting position	any
Weight	60 g

**Product References**

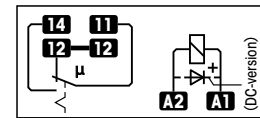
**AC220-240V, UC8-12V, UC24V**

**B103/...V**

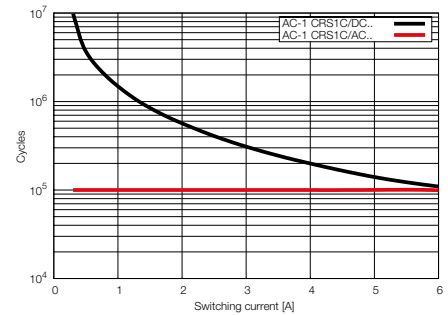
"..." List Coil Voltage to complete Product References



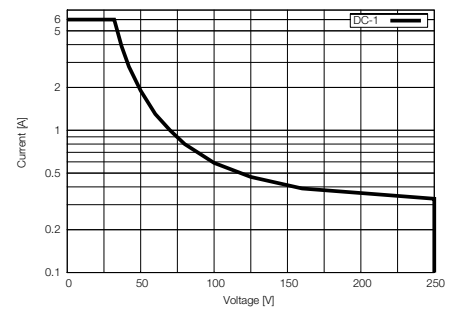
**Connection diagram**



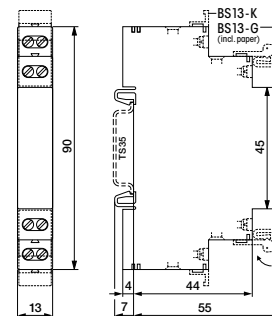
**fig. 1 AC voltage endurance 250 V**



**fig. 2 DC load limit curve**



**Dimensions (mm)**



**Technical approvals, conformities**



IEC 61810