

Technical Data

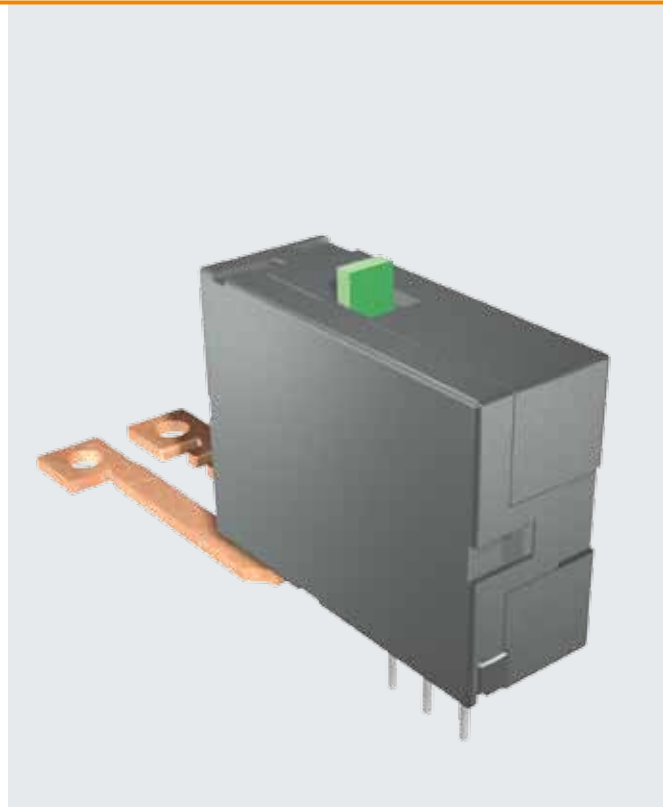
Relay 704

Description

Polarized latching relay, with position display and switch for manual operation

Using the H-armature principle the polarised latching relays are noted for their high resistance to shocks and vibrations. They are always in a defined switching-position and therefore there is no loss of information in case of power failure. The advantage of polarised latching relays is the pulse driven operation of some milliseconds, coil heating can be neglected. Relay can also be set by manual operation.

The relays are designed and manufactured in accordance to international Standards of IEC 61810 part 1/VDE 0435 part 201 as well as they meet overload and short circuit requirements of IEC 62053/62054.

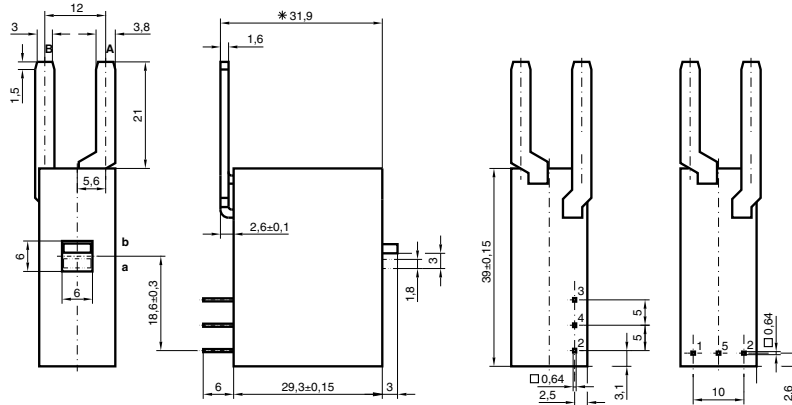


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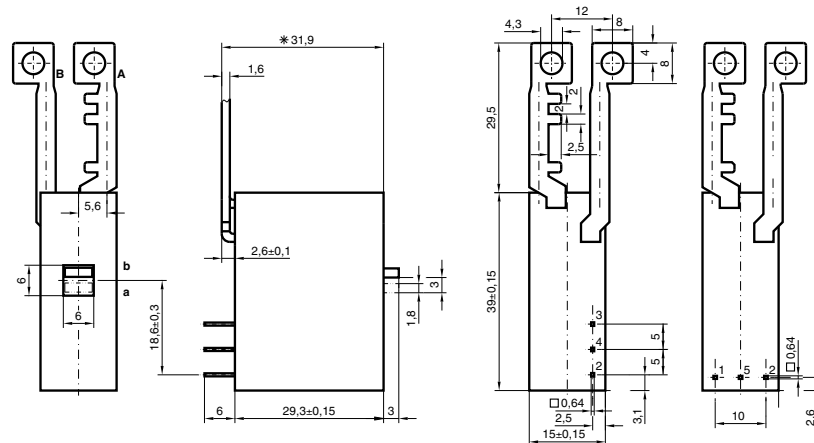
Coil data	Rated voltage	6 – 48 VDC
	Rated power	3.0 W
	Operating power to set	2.0 W
	Pulse to set	20 ms
	Action time	< 15 ms
Contact data	Max. contact arrangement	1 a
	Contact material	AgSnO ₂
	Max. switching power	10,000 VA / 15,000 VA
	Max. switching voltage	440 VAC
	Max. switching current	40 A / 60 A
	Mechanical life	10 ⁶
Insulation	Creepage and clearance distance coil – contact	8 mm
	Test voltage coil – contact	4,000 V eff.
	Test voltage contact – contact	–
	Test voltage open contact	1,000 V eff.
	Dielectric strength coil – contact	12 kV / 1.2 / 50 μs
General data	Ambient temperature	-40 ... +70 °C
	Weight	36 g
	Conform to	VDE, UL, CSA, SEV, SEMKO

Technical drawing

704 Q



704 V



704 VR

