

**PCB relay for DC voltage,
neutral, monostable**

Features

- Used as a switching element for electrical separation between low-power control circuits and power load circuits
- With 8 mm clearance and creepage distances up to 8 A continuous current (UL, CSA: 10 A)
- Low self-heating thanks to low power consumption
- High packing densities possible
- Suitable for fully automated processing
- General-purpose relay for instrumentation and control
- Mechanical and electrical characteristics comply with the “Rules for electrical relays in power installations” (VDE 0435/9.72)
- Used for safe electrical insulation in the following applications
 - power installations (VDE 0160)
 - open and closed-loop control equipment for domestic use (VDE 0631)
 - electrical equipment for domestic use (VDE 0700)
 - electronic equipment for domestic use (VDE 0860); on request

Typical applications

- Interface technology
- Heating control systems
- Temperature controllers
- Timer switches
- Household equipment










Approx. 1:1 scale

Design

- Size I with 1 make contact
or
Size II with 1 changeover contact
- For printed circuit assembling
- Immersion cleanable or suitable for soldering lines

Approvals

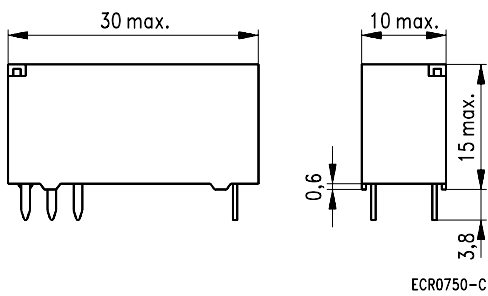
	VDE	Mark of conformity 
	SEV	89.1 02176.02
	CSA	File LR 45064-7
	UL	File E 48393
	SEMKO	9049293
	SETI	142344-01

Miniature Power Relay MSR

Dimensional drawing (in mm)

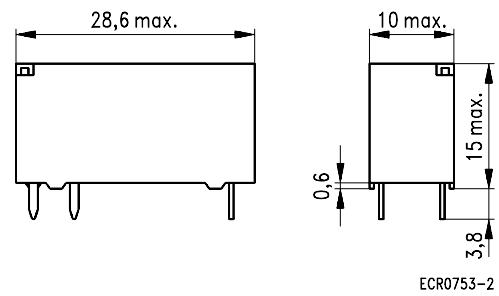
Size II

with 1 changeover contact



Size I

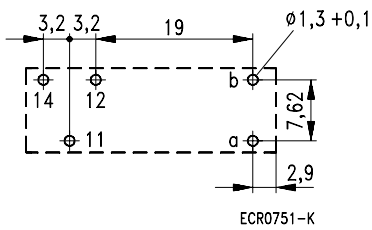
with 1 make contact



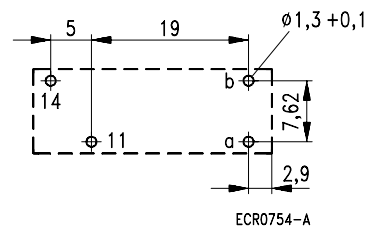
Mounting hole layout

View on the terminals

1 changeover contact



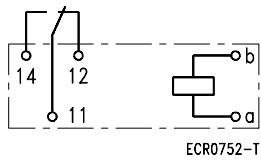
1 make contact



Terminal assignment

View on the terminals

1 changeover contact



1 make contact

