

**CZ054451****COUNTERS • TIME DELAY COUNTERS**

Elapsed-time counters are versatile. Various operating tasks can be solved by simple operating hour counters to the start- or stop-delay of switching signals up to the stopwatch in the millisecond range with adjustable switching threshold. In addition to the basic devices with largely fixed settings, multitalents can be set with parameters and functions via DIP-switches or membrane keyboard.

**MECHANICAL DATA**

Ambient temperature	-5 °C ... 55 °C
Degree of protection (IP)	IP40
Height	48 mm
Housing material	Plastic
Installation depth	120 mm
Length	129 mm
Mounting method	Panel mounting
Storage temperature	55 °C
Storage temperature	-5 °C
Width	96 mm

**ELECTRICAL DATA**

Adding	Yes
Counting mode up/down	Yes
Display	LED
Number of decades	6
Number of pins	13
Number of presets to be set	1
Number of switching outputs	1
Rated control supply voltage $U_s$ at AC 50HZ	207 V ... 253 V
Rated control supply voltage $U_s$ at DC	21.6 V ... 26.4 V
Rated switching current	5 A
Reset function	Reset push button/input
Switching voltage	250 V
Type of electrical connection	Screw connection
Type of switching output	Relay contact
Voltage type	AC/DC
With programmable time ranges	Yes

**DIMENSIONAL DRAWING****INSTALLATION**

Mounting / Installation may only be carried out by a qualified electrician!

**DISPOSAL****SAFETY WARNINGS**

Before initial operation, please make sure to follow all safety instructions that may be provided in the product information!