

# Measuring current transformers W465-A26-1



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## Product description

The highly-sensitive W465-A26 measuring current transformer in combination with RCMA472LY devices converts AC and DC residual currents into evaluable AC voltage. The CTs are connected to the respective device by four-wires. The cable length between the CT and the device should not exceed 10 m.

## Installation instructions

- Make sure that all live conductors are routed through the measuring current transformer and that these conductors are not shielded.

## Application

- for AC/DC sensitive RCMA420 series residual current monitors

## Standards

The W465-A26 measuring current transformer complies with the requirements of IEC 60044-1 and DIN VDE 0414.

## Approvals

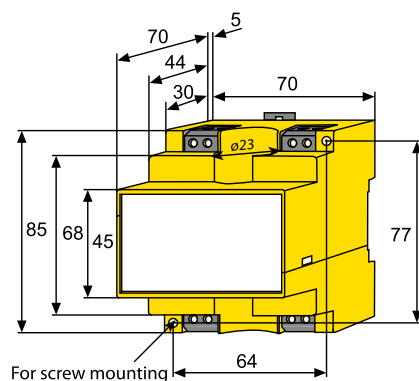


## Ordering information

UL	Internal diameter	Type	Art. No.
	23 mm	W465-A26-1	B 911 785

## Dimension diagram XL465

Dimensions in mm



### Selection list

Type	RCMA470LY	RCMA471LY	RCMA472LY
W465-A26-1	—	—	

## Technical data

### Insulation coordination acc. to IEC 60664-1/IEC 60664-3

Rated insulation voltage	800 V
Rated impulse voltage/pollution degree	8 kV/3

### CT circuit

Rated primary residual current	30...500 mA
Rated continuous thermal current I <sub>cth</sub>	20 A

### Environmental conditions

Operating temperature	-10...+50 °C
Climatic class acc. to IEC 60721	
Stationary use (IEC 60721-3-3)	3K5 (except condensation and formation of ice)
Transport (IEC 60721-3-2)	2K5 (except condensation and formation of ice)
Long-time storage (IEC 60721-3-1)	1K5 (except condensation and formation of ice)
Classification of mechanical conditions IEC 60721	
Stationary use (IEC 60721-3-3)	3M4
Transport (IEC 60721-3-2)	2M2
Long-time storage (IEC 60721-3-1)	1M3

### Connection

Connection type	modular terminals
rigid/flexible	0.2...4/0.2...2.5 mm <sup>2</sup>
flexible with ferrules, without/with plastic collar	0.25...2.5 mm <sup>2</sup>

### Connection RCMA472LY-measuring current transformer

Single wire $\geq 0.75 \text{ mm}^2$	0...10 m
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### Other

Degree of protection, internal components (IEC 60529)	IP40
Degree of protection, terminals (IEC 60529)	IP20
Type of enclosure	XL460
Enclosure material	polycarbonate
Screw mounting	2 x M4
DIN rail mounting acc. to	IEC 60715
Flammability class	UL94V-0
Operating manual	TBP409003



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