

## Description

The type 8442 non-contact current sensor is suitable for the monitoring of higher power currents up to around 800 A (higher values can be handled in a special version). A zero-potential contact (make-type contact) switches when the current values that had been set at the factory are reached.

The current sensor is hermetically sealed and can be used outdoors. No auxiliary power is needed for its operation.

The current sensor consists of an inert gas contact that is sensitive to magnetic fields, an insulating plate and a defined piece of conducting material, all encapsulated in a plastic housing. The switching point that is desired by the customer is set during manufacture.

The conductors that are required for setting can be set up according to the wishes of the user.

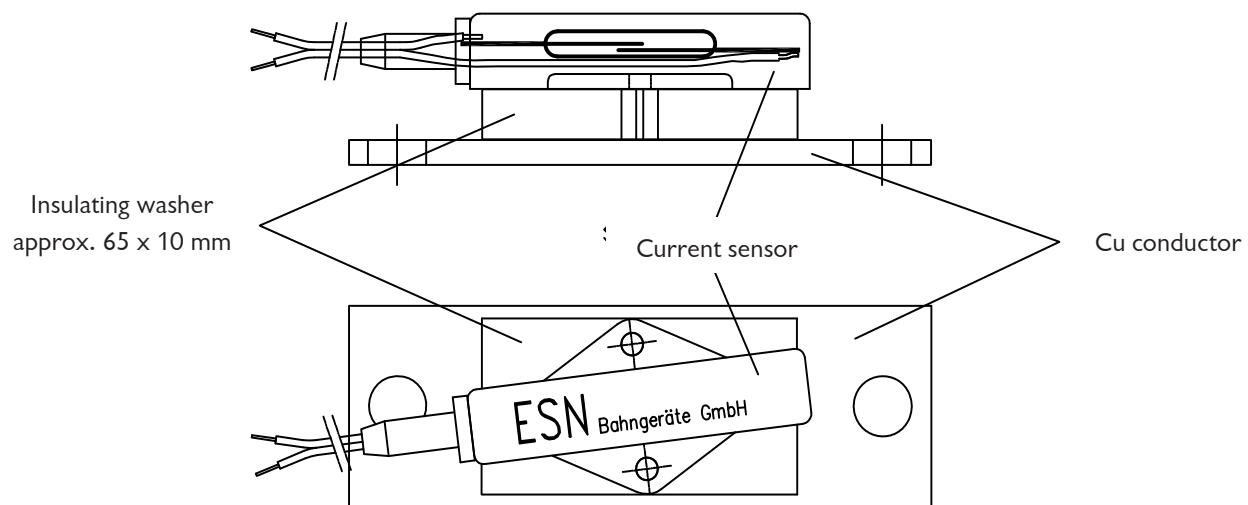


## Technical data

<b>Dimensions</b>	see figure, WxHxD 35x70x15 mm
<b>Housing</b>	Plastic
<b>Attachment</b>	Two-hole fastening, spacing 25 mm
<b>Type of protection</b>	IP 67
<b>Function</b>	1 make-type contact
<b>Switching voltage</b>	max. AC/DC 400 V
<b>Switching current</b>	max. 1.0 A
<b>Switching rating</b>	max. 60 W/VA
<b>Switching time</b>	4 ms
<b>Hysteresis</b>	without load: > 109 switchovers with load: > 108 switchovers
<b>Resistance to vibration</b>	max. 35 g at 50 - 500 Hz
<b>Shock resistance</b>	max. 50 g, 11 ms, half-sine
<b>Ambient temperature</b>	-40°C to +70°C
<b>Supply cable</b>	Cable skein 3 x 0.75 mm <sup>2</sup> (moulded), L = 1 m
<b>Accessories:</b>	
<b>Fastening parts</b>	on request

## Ordering information

Type	Part No.
8442	120110



#### Make-type contact current sensor

