

# Leakage relay type ABS CA 461

**SULZER**

CA 461 is designed to spy and detect leakage in pumps and mixers. The amplifier is housed in a norm enclosure fitted for DIN-rail mounting.

The unit is available in two executions, 24 VDC or 110-230 VAC supply.

To minimize the risk of false alarms the failure has to be detected for time duration of approximately 10 seconds.



To simplify the mounting the unit is fitted with plug-in type of connectors.

## Features:

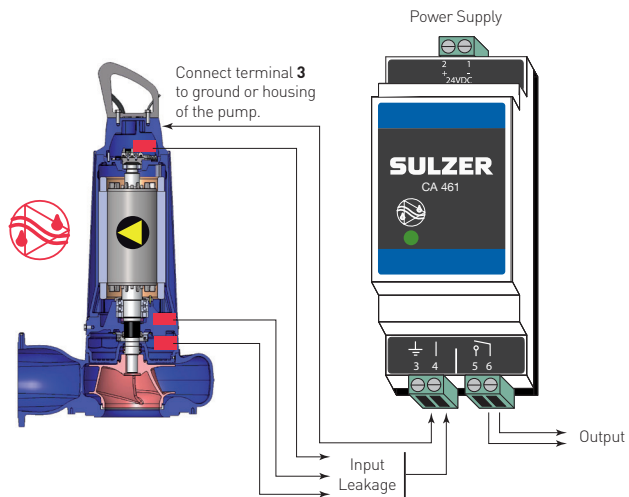
- Leakage monitoring with 10 sec alarm delay
- Wide resistance range, 0-100 kOhm
- Relay output 250 VAC 3 Ampere
- Connection via plug-in connectors
- DIN-rail mounted



## Technical specifications

Description		Standard
Leakage sensor voltage		12 VDC
Max sensor current		< 15 µA
Leakage detection threshold		< 100 kohm
Alarm on delay		10 seconds
Ambient operating temperature		-20 to +50 °C (-4 to +122 °F)
Ambient storage temperature		-30 to +80 °C (-22 to +176 °F)
Degree of protection		IP 20, NEMA: Type 1
Housing material		PPO and PC
Mounting		DIN Rail 35 mm
Installation category		CAT II
Pollution degree		2
Flame rate		V0 (E45329)
Humidity		0-95 % RH non-condensing
Dimensions		H x W x D: 108 x 35 x 58 mm (4.25 x 1.38 x 2.28 in.)
Power supply	16907010	110-230 VAC, 50 Hz/60 Hz
	16907011	18-36 VDC, SELV or Class 2
Fuse		Max 10 A
Terminal wire size		Use copper (Cu) wire only. 0.2 - 2.5 mm <sup>2</sup> flexible core, stripped length 8 mm.
Terminal tightening torque		0.56 - 0.79 Nm (5-7 lbs-in)
Power consumption		< 2 W
Max load alarm relays		250 VAC 3 Ampere
Altitude		Max 2000 MASL or 6562 ft. AMSL
Compliance		CE  

## Electrical connection diagram



## Dimensions

