

Leakage control type ABS CA 461

SULZER

CA 461 is designed to spy and detect leakage in pumps and mixers. The amplifier is housed in a standard 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 a duration of approximately 10 seconds.




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

Features:

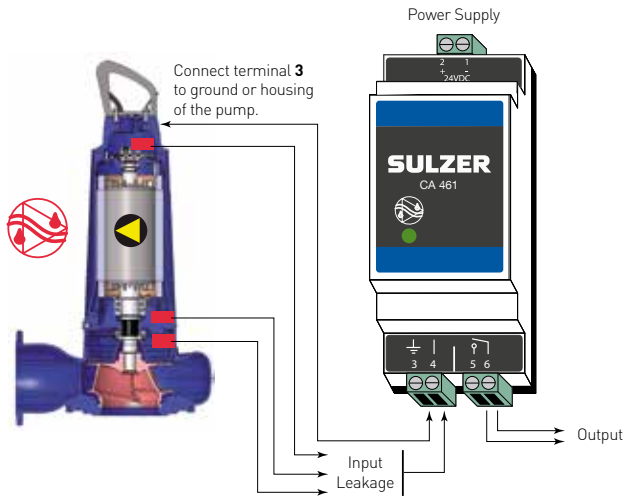
- Leakage monitoring with 10 sec alarm delay
- Wide resistance range, 0-100 kOhm
- Output 250 VAC 3 Ampere
- Connection via plug-in connectors
- DIN-rail mounted



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 ² flexible core, stripped length 8 mm. | |
| Terminal tightening torque | 0.56 - 0.79 Nm (5-7 lbs-in) | |
| Power consumption | < 2 W | |
| Max load output | 250 VAC 3 Ampere | |
| Altitude | Max 2000 MASL or 6562 ft. AMSL | |
| Compliance |    | |

Electrical connection diagram



Dimensions

