

## Protection device for universal application



AVAILABLE AS PLUG-IN

WITH SWITCHING OUTPUT  
FOR ANY PURPOSE**ALSCHU 480**

Art. no. 602921

Alarm protection device, plug-in for 230 V~ (with grounding contact adapter plug), with or without alarm transmitter and relay switching output (changeover contact)

**ALSCHU 480 P**

Art. no. 602923

as above, but with volt-free switching output and looped socket

**General:**

The ALSCHU 480(P) is a versatile alarm and protection device. Its universal input (3.5 mm jack bush) allows a lot of different external sensors to be connected. That includes sensors with a switching threshold <100 kOhm like water sensors, float switches, level switches, magnetic contacts, safety shut-off mat etc. In case of an alarm the internal buzzer sounds and a connected device (i.e. pump, machine) is switched on or off via the grounding contact adapter plug (ALSCHU 480). The desired switching function can be set via selector switch I / II. ALSCHU 480 P switches on/off external devices via a potential-free 2-pole switching output. The grounding contact socket of ALSCHU 480 P is always current-carrying.

**Specifications:****Power supply:** 220/240 V 50/60 Hz**Power consumption:** approx. 1 VA**Sensor input:** 2.5 mm jack bush**Switching threshold:** input resistance <100 kOhm (e.g. NPN no active, relay, reed contact, etc.)**Switching output:****480:** via isolated ground receptacle**480 P:** potential-free normally open/closed contact via 2-pole cable, brought out 0.5 m**Switching function:****I:** switching output current-carrying in alarm condition**II:** switching output currentless in alarm condition**Switching power:****480, 480 P:** 250 VAC, 10 A (ohmic load), max. 2400 VA**480 P:** 120VDC, 2A (ohmic load), max. 240 W**Controlling device:** LED for operation display, device-on/off, selector switch I / II for switching function**Working conditions:** -20 ... +50 °C; 0 ... 80 % RH**Dimensions:** 112 x 71 x 48 (L x W x H)**Scope of supply:** Device, manual**Accessories and spare parts:****GWF-1S**

Art. no. 601706

plug-in water sensor, 2 m

## Accessories

**GNS-1S**

Art. no. 602526

plug-in level probe 2-pin

**General:**

PVC body with 2 stainless steel pins, 2 m PVC cable and 2.5 mm jack plug

**GWF-1S**

Art. no. 601706

Plug-in high-sensitive water probe

**General:**

2 m cable length, with 2.5 mm jack plug; multiple water probes can be connected simultaneously with a GAZ-1 socket-outlet adapter



VEKA 5

**VEKA 2**

Art. no. 601726

Extension cable 2 m

**VEKA 5**

Art. no. 601728

Extension cable 5 m

**VEKA 10**

Art. no. 601731

Extension cable 10 m

**General:**

Connections: 1 x 2.5 mm jack plug, 1 x 2.5 mm jack socket

**GAZ-1**

Art. no. 602748

branch adapter

**General:**

with 2 x 2.5 mm jack socket and 1 x 2.5 mm jack plug; required for each additional water sensor