



### ALSCHU 480

Product-ID: 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

Product-ID: 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 Schuko adaptor plug (ALSCHU 480). The desired switching function can be set via selector switch I / II. ALSCHU 480P switches on/off external devices via a potential-free 2-pole switching output. The Schuko socket of ALSCHU 480P is always current-carrying.

#### Specifications:

<b>Power supply:</b>	220/240 V 50/60 Hz
<b>Power consumption:</b>	approx. 1 VA
<b>Sensor input:</b>	3.5 mm jack bush
<b>Switching threshold:</b>	input resistance <100 kOhm (e.g. NPN no active, relay, reed contact, etc.)
<b>Switching output:</b>	
480:	via isolated ground receptacle (Schuko)
480 P:	potential-free normally open/closed contact via 2-pole cable, brought out 0.5 m

#### Switching function:

<b>I:</b>	switching output current-carrying in alarm condition
<b>II:</b>	switching output currentless in alarm condition

#### Switching power:

<b>480, 480 P:</b>	250 VAC, 10 A (ohmic load), max. 2400 VA
<b>480 P:</b>	120 VDC, 2 A (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

Product-ID: 601706

plug-in water sensor, 2 m



### GEWAS 200

Product-ID: 600279

Panel-mounted alarm protection device with volt-free relay output (snap-on mounting for top hat rail in special snap-on housing), without sensor

#### General:

The GEWAS 200 is a versatile DIN rail alarm and protection device. Its universal input (screw terminals) 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, etc. A connected device (i.e. pump, machine) is switched on or off via potential-free change-over contact in case of an alarm. The alarm is reset by the use of an internal / external reset button.

#### Specifications:

<b>Power supply:</b>	220/240 V 50/60 Hz
<b>Power consumption:</b>	approx. 3 VA
<b>Sensor input:</b>	2-pole screw terminal
<b>Switching threshold:</b>	input resistance < 100 kOhm (eg. NPN no active, relay, reed contact, etc.)
<b>Switching output:</b>	potential-free change-over contact
<b>Switching power:</b>	250 V AC, 10 A (ohmic load), max. 2400 VA 150 V DC, 2 A (ohmic load), max. 240 W
<b>red / green LED:</b>	LED (green) for operation display LED (red) for alarm condition
<b>Mounting:</b>	universal foot base for all common DIN EN rails
<b>Working conditions:</b>	-20 ... +50 °C and 0 ... 80 % RH
<b>Dimensions:</b>	49 x 96 x 59 mm (L x W x H)
<b>Scope of supply:</b>	Device, manual

#### Options:

##### GEWAS 200 KL:

Product-ID: 600306

Screw terminal (2-pole) to connect an external reset button

##### GEWAS 200 AL:

Product-ID: 601041

Automatic alarm reset

#### Accessories and spare parts:

##### GWF-1

Product-ID: 601712

water sensor without plug, 2 m

##### GSS-1

Product-ID: 606016

level probe (plug-in float switch), 2 m cable for electrically non-conductive media (normally open/normally closed function can be selected by customer)

##### GNS-1

Product-ID: 602531

plug-in level probe 2-pin (stainless steel electrodes)

Handheld instrument  
Display/Controller  
Logger/EASyBus  
Transmitter  
Temperature probe  
Simulator  
Alarm/Protection, Level