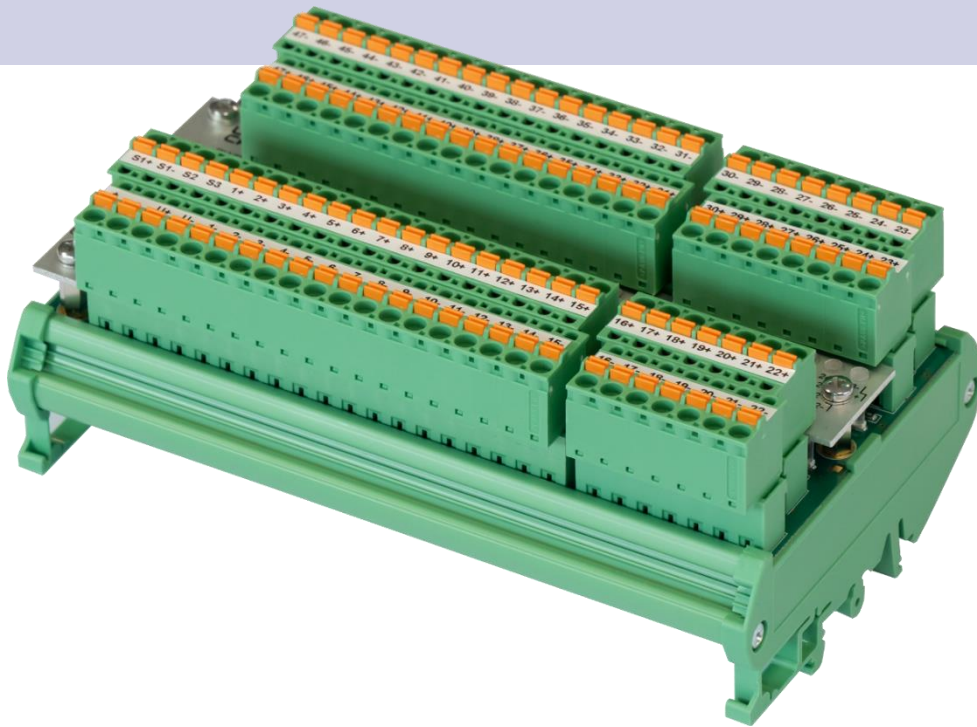


## **AHD-PS 47 C**

### **Compact Binary Station With 47 Inputs**



- ***47 inputs for acquiring binary contacts***
- ***Compact device for space-saving installation in the control cabinet***
- ***Integration into the Böning Ship Alarm System with for example AHD-DPU 9***
- ***LEDs signal data traffic***

AHD-PS 47C has been developed based on the established binary station AHD-PS 47 for space-saving installation, for example in control cabinets.

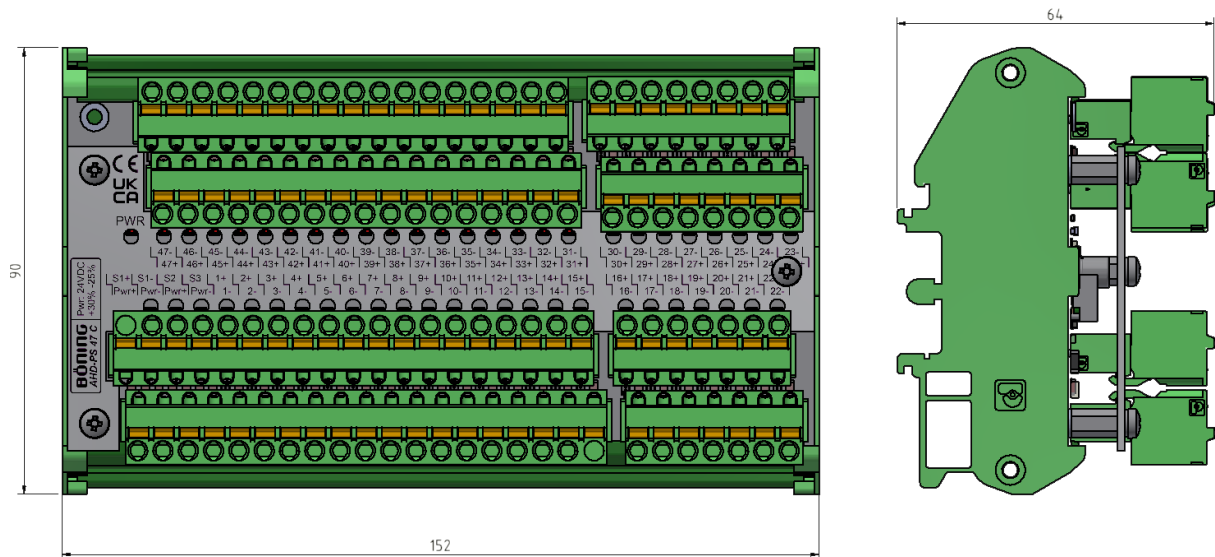
AHD-PS 47 C has 47 inputs for the acquisition of binary signals. The inputs are current controlled to reduce the influence of potential shifts. The status of each input is signaled by an LED.

The signals acquired at the inputs are transmitted with a serial connector to a data station of the Böning system, usually an AHD-DPU 9. The data station processes the data, triggers alarms if necessary, and sends the status over the CAN bus to panel PCs and displays for visualization.

Its compact design makes AHD-PS 47 particularly suitable for installation in control cabinets on DIN rails TS 32 and TS 35.

With cables with a wire cross-section of at least 0.5 mm<sup>2</sup>, the cable length from AHD-PS 47 C to, for example an AHD-DPU 9, can be 1000 m. This allows the decentralized installation of AHD-PS 47 C close to the detected signals.

## Dimensions



### Technical Data

|                                               |                                                                                                              |
|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| Dimensions W x H x D                          | 152 x 90 x 64 mm                                                                                             |
| Weight                                        | 0.6 kg                                                                                                       |
| Operating temperature                         | 0°C ... +70°C                                                                                                |
| Storage temperature                           | 0°C ... +85°C                                                                                                |
| Protection class                              | IP 10                                                                                                        |
| Required minimum distance to magnetic compass | Standard compass: 0.70 m<br>Steering compass: 0.50 m                                                         |
| Power supply                                  | 24 V DC (+30%/-25%)                                                                                          |
| Current consumption                           | Rest current < 25 mA<br>When all inputs are active:<br>At 18 V DC: 250 mA<br>At 30 V DC: 360 mA              |
| Inputs                                        | 47 x optocoupler input                                                                                       |
| Outputs                                       | 3 x optocoupler for serial connection to AHD-DPU 9:<br>switching to plus, switching to minus, potential-free |
| Installation                                  | On DIN rail TS 32, TS 35                                                                                     |
| Approvals                                     | -                                                                                                            |
| Item number                                   | 21360                                                                                                        |