

serial data line, connect unused cores of cable with (-)

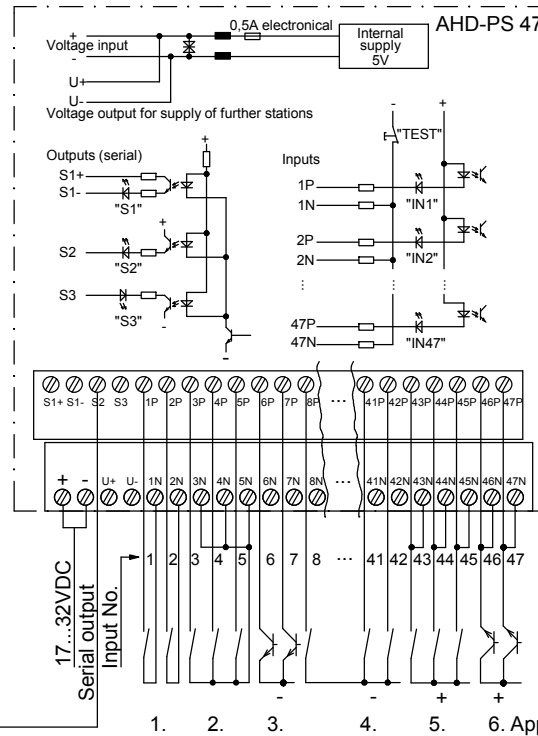
AHD-PS 47 is used for the decentral logging of binary signals (contacts, transistors, proximity switches, etc.) and serial transmission to a receiver. An important feature is that the wiring is optimised, from 94 down to just 3 wires, including power supply. Furthermore the device enables each input to be easily checked for short to ground/short to earth. Here inputs 1 to 47 correspond to the terminal numbers of the binary data station and the measuring point numbers of the Kompakt EDA 47.

### Technical Data (Kompakt EDA 47)

Power supply	: 24VDC +/-25%
Current consumption	: appr. 0,2A (all text fields appr. 1,2A)
Inputs	: 3 x serial (TTY), 4 x binary
Outputs	: 2 Relay, 4 x serial
Max. load of relay contacts	: 50V / 1A
Degree of protection (frontside)	: IP23, (incl. cover IP54)
Installation depth	: 75mm
Panel cut-out	: 185mm x 137mm
Weight	: appr. 1kg

### Technical Data (AHD-PS 47)

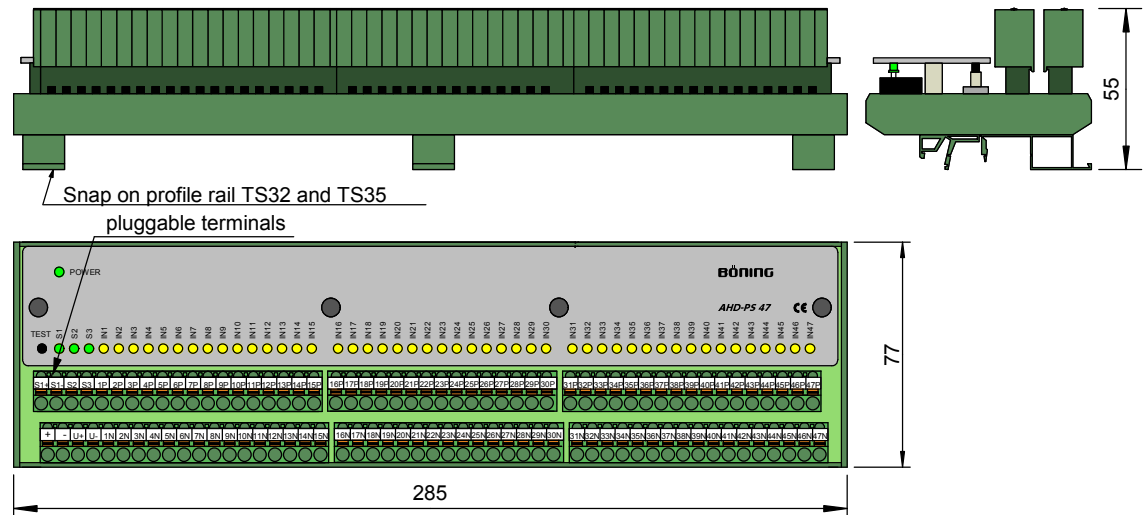
Power supply	: 24VDC +/-25%
Current consumption	: ca. 0,2A
Inputs	: 47 x binary via opto coupler
Outputs	: 3 x serial
Degree of protection	: IP00
Weight	: appr. 0,6kg



### Binary Data Station AHD-PS 47

1. Registration of 2 binary contacts with 2-pole connection
2. Registration of 3 binary contacts with mutual refeeding
3. Registration of 2 transistors with mutual minus-connection (such sensors are wired like contacts). Every second terminal of one input remains idle
4. Registration of 3 binary contacts with mutual minus-connection. Every second terminal of one input remains idle
5. Registration of 3 binary contacts with mutual plus-connection. Here, the inputs are bypassed, in order to cause a potential alteration at switching of the contacts in the binary data station
6. Registration of 2 transistors with mutual plus-connection (such sensors are wired like contacts). Here, the inputs are bypassed, in order to cause a potential alteration at switching of the transistors in the binary data station

6. Application example



**BÖNING**  
AUTOMATIONSTECHNOLOGIE  
GMBH&CO.KG

AM STEENOVER 4  
D 27777 GANDERKESEE

TEL. (04221)9475-0  
FAX. (04221)9475-21/22  
Email: info@boening.com  
Internet: www.boening.com

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10.06.2010

Decentralized alarm system  
**Kompakt EDA 47 with Binary Data Station AHD-PS 47**