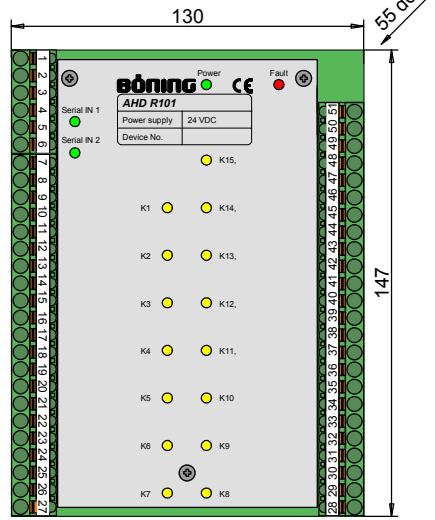


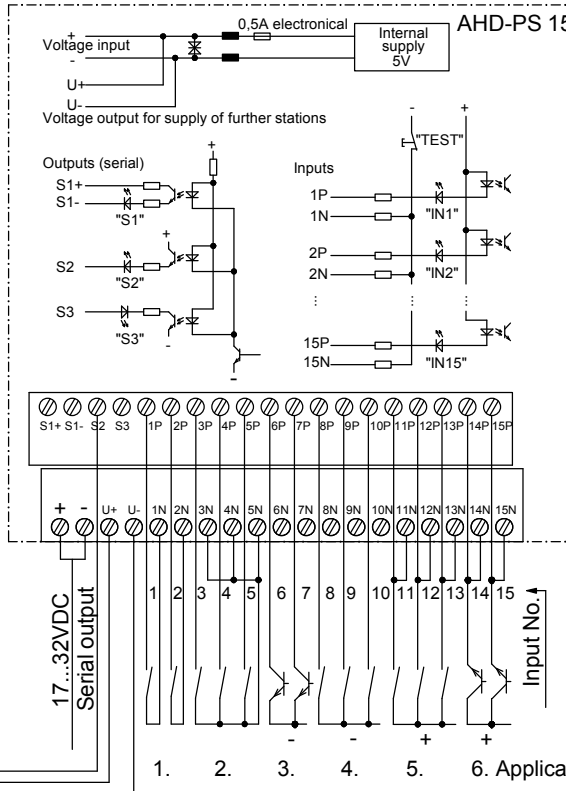
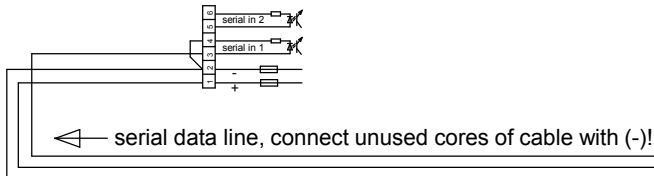
AHD R101

Relay station, optionally, for extension
(15 relays each with 1 change-over contact)

Contacts correspond with alarm condition after serial transmission



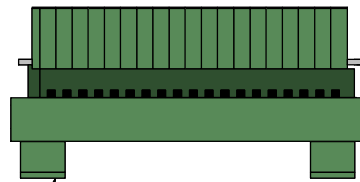
Device for installation on profile rails TS32 / TS35 with 3 pluggable terminal lists



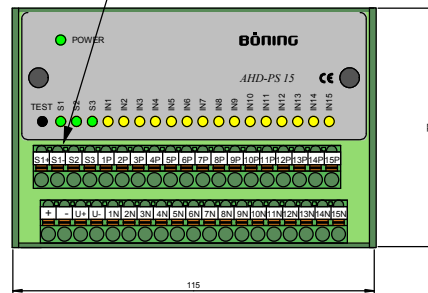
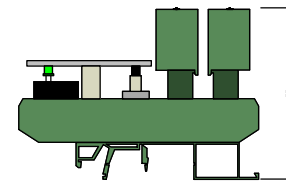
Binary data station AHD-PS 15

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



Snap on profile rail TS32 and TS35 pluggable terminals



Transmission parallel - serial - parallel

In this example, the inputs of the binary data station are transformed into a serial signal to be received from the relay station. Here, relays K1 to K15 are assigned to inputs 1 to 15. If e.g. input 7 closes, relay K7 closes too.

The signal can be transmitted up to 1000m. So it is possible to reduce the required wiring from 30 to 3 single wires.

A potential-free crossover contact with a permitted load of 250V/3A is available as output.

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Parallel/Serial - Serial/Parallel-Conversion
with binary data station AHD-PS 15
and relay station AHD R 101