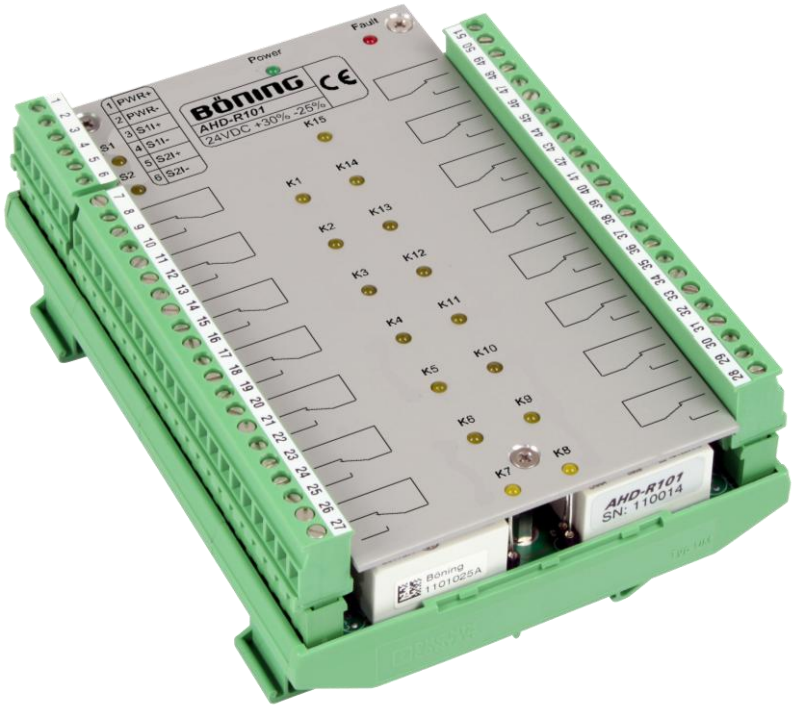
AHD-R101
Relay station with 15 relays and serial control



- ***Reduction of wiring of locally separated systems***
- ***Remote control of 14 switching outputs***
- ***For a wide range of applications – up to 230VAC, 3A / 30VDC, 2A***

The relay unit AHD-R101 is a microprocessor controlled device with 2 serial inputs and 15 relay outputs (14 outputs available. As emitting devices, e.g the following can be used:

- Central unit AHD 882
- Binary data station AHD-PS 15 /30 /47
- Data station AHD-SAS 15
- Data station AHD-DPU

The AHD-R101 consists of an electronic card with relays, which is installed in a plastic housing. All connections are done via pluggable terminal blocks with a total of 51 terminals. The device is designed for mounting on rails TS32 and TS35. The relays are led to the terminal blocks over a floating changeover contact each (3 terminals per relay).

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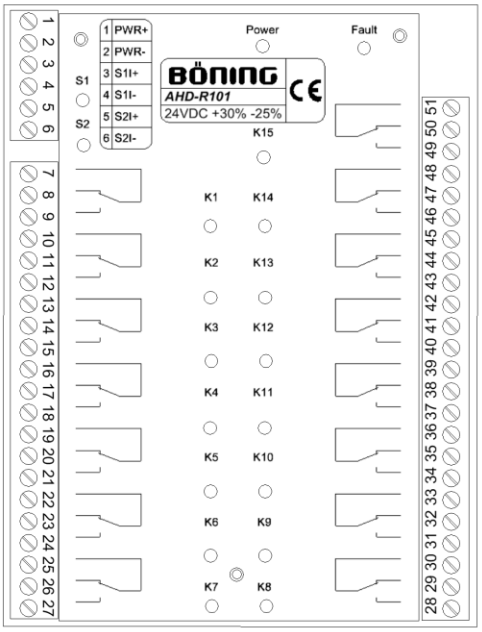
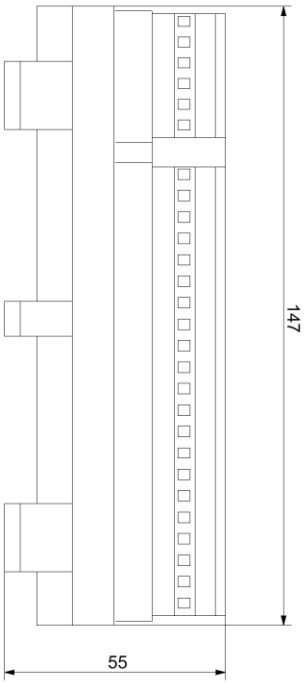
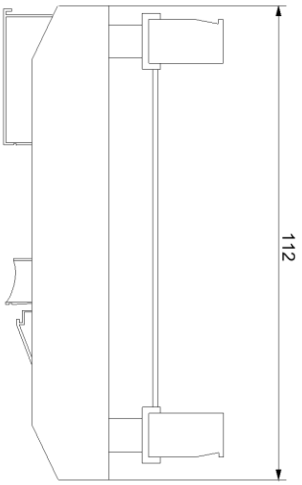
Dimensions







Technical data

Power supply:	24VDC (+30% / -25%)
Power consumption:	max. 320mA at 24VDC
Operating temperature:	-10°C...70°C
Storage temperature:	-30°C...85°C
Weight:	approx. 550 g
Degree of protection:	IP 10
External dimensions:	147 x 112 x 55 mm
Inputs:	2 x serial (Opto-coupler; S1I, S2I)
Outputs:	15 x relay contact (change-over) (14 available), 230VAC, 3A 30VDC, 2A
Assembly:	on rail TS 32 and TS 35
Approvals:	GL, LR, RS

Art.-No.	Label	Version ID	Remark:
14753	AHD-R101 (HOLD)	V2-0B	In case of serial data failure the relays are held in the last switching position (HOLD)
14754	AHD-R101 (NO-HOLD)	V2-0A	In case of serial data failure the relays are switched off (NO-HOLD)
14756	AHD-R101 (Double Serial)	V2-0C	Version 2-channel (NO-HOLD) Default: Read from S1I; Data transmission failure S1I: after 5s →Read from S2; Data transmission failure S2I: All relays are switched off
14757	AHD-R101 Custom Config.		Customer-specific configuration
15315	AHD-R101 (SAS-15,HOLD / Classifiable)	V1.53.	In case of serial data failure the relays are held in the last switching position (HOLD)
15463	AHD-R101 (SAS-15, NO-HOLD / Classifiable)	V1.52	In case of serial data failure the relays are switched off (NO-HOLD)