- *Universal input and output module in space-saving design*

- *8 relay outputs for output of control signals*

- *8 optocoupler inputs for detection of binary contacts*

- *Remote control via CAN bus using operating units or panel PC*

Function

The universal IO module AHD USP H is used for the acquisition and output of binary control signals. Up to 8 switching signals are captured via optocouplers and sent to the CAN bus as a Böning-compliant data telegram (SAS protocol).

Simultaneously, up to 8 independent relays are controlled via CAN bus. This allows control signals to be generated or a smaller actuator to be accessed directly.

In the device configuration, any channel address within the Böning overall system can be defined to control the respective relay.
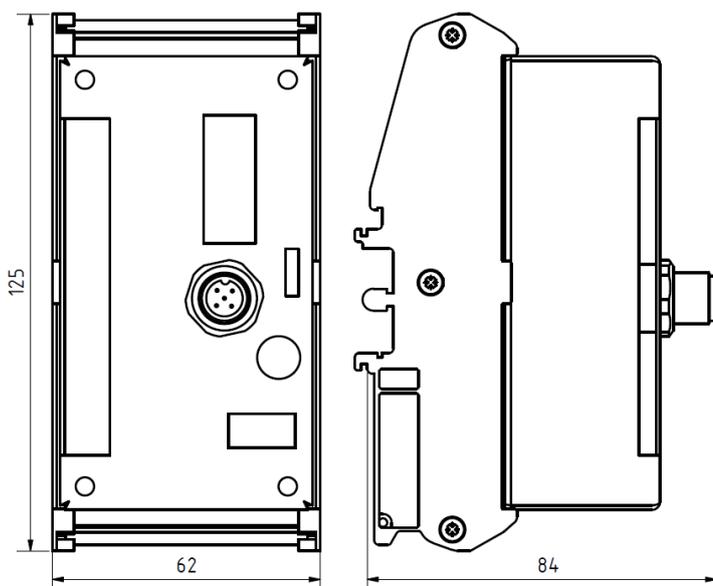
Data communication with the Böning SAS system is performed via CAN bus.

The compact device is mounted on standard TS 32 or TS 35 mounting rails.

Böning
SHIP AUTOMATION

Wiring Schematic
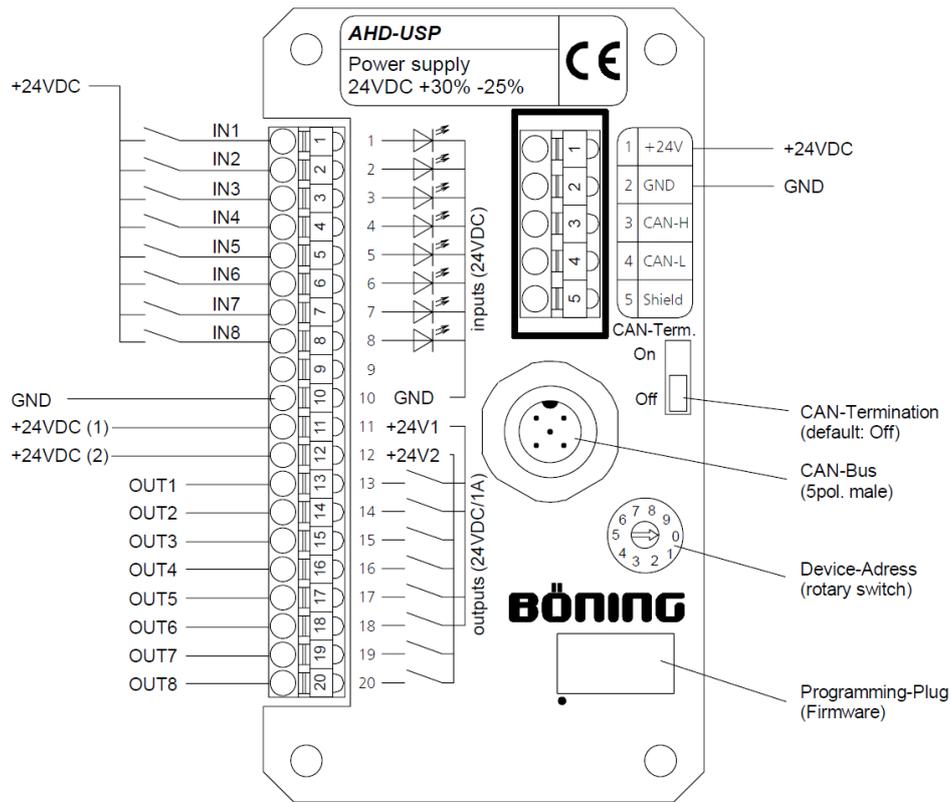
Dimensions

Technical Data

Dimensions	62 mm x 125 mm
Installation depth	84 mm (plus height CAN bus Plug)
Weight	ca. 350 g
Ambient temperature	-20°C … +60°C
Storage temperature	-30°C … +80°C
Protection class	IP 22
Power supply	24 V DC (+30% / -25%)
Current consumption	max. 130 mA (24 V DC)
Interfaces	1 x CAN-Bus (Lumberg and terminal strip), bus termination can be activated via switch
	8 x optocoupler input (18...32 V DC), potential-free, common return wire
	8 x relay switching contacts (24 V DC, max. 1A), potential-free, 2 groups each with a common return wire
Installation	TS 32 or T35 DIN rail
Item-No.	
16618	standard version
19711	5V sensitive opto inputs