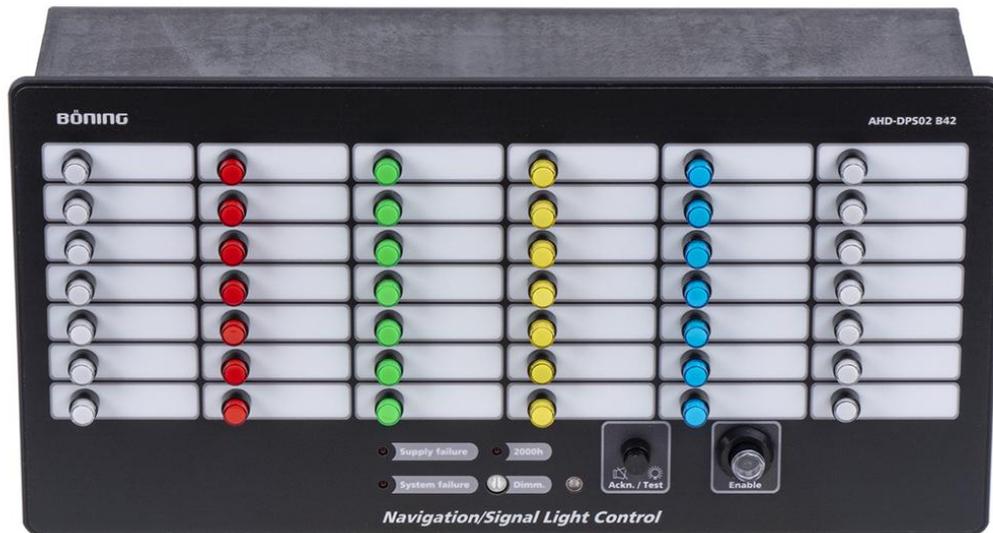# AHD-DPS02 B28 / B35 / B42 Control Unit
Position and Signal Lights Control and Monitoring

- **Compact control unit for position and signal lantern control AHD-DPS02 G14 / AHD-DPS02 A07**

- **Standard panel with 28, 35, or 42 switching channels and free labeling fields fields**

- **Additional LED indicators for supply and system errors as well as for lamp life warning message**

- **Automatic dimming of LED indicators, adjustable**

- **Integrated alarm buzzer and acknowledgment button**

- **Optional release switch for activating operating authorization**

- **Direct connection to basic module AHD-DPS02 G14 and expansion modules AHD-DPS02 A07 via pre-assembled ribbon cable**

- **Module housing for installation in desks, consoles, or switchboards, Front dimensions 294 mm x 150 mm, protection class IP20**

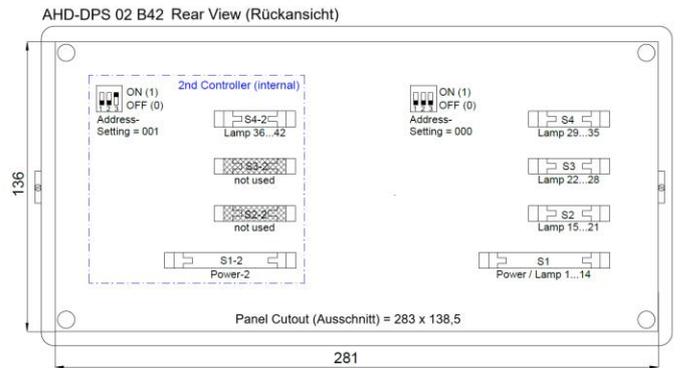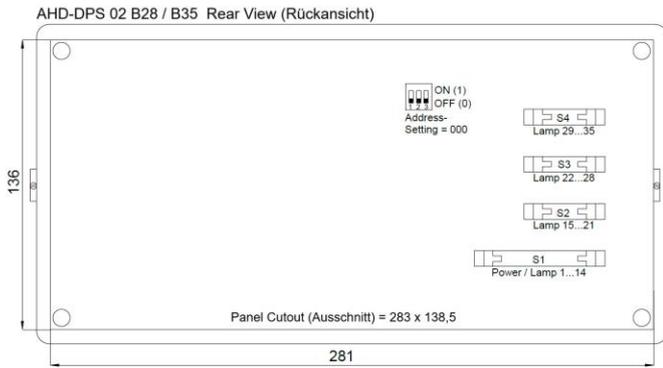- **Approvals: ABS, BV, CRS, DNV, LR, PRS, RINA**

Description

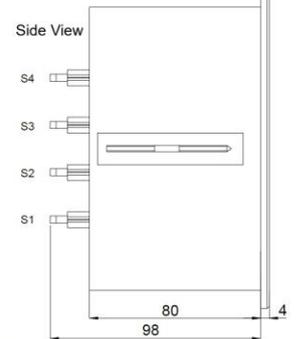The AHD-DPS02 system is used to control and monitor position and signal lights on ships.

AHD-DPS02 B14 and AHD-DPS02 B21 are control panels for controlling up to 28, 35 or 42 lamp channels with free labeling fields in a standardized design.

The control unit has front buttons for direct lamp control and optical feedback to signal a lamp failure. The device is connected directly to the AHD-DPS02 G14 base module and the AHD-DPS02 A07 expansion modules via ribbon cable.
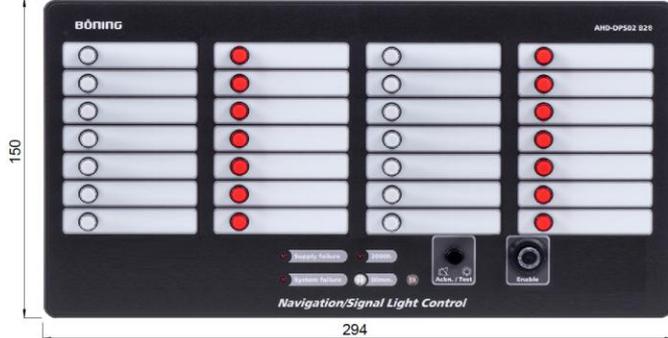
Böning
SHIP AUTOMATION

AHD-DPS02 B28 / B35 / B42 - Dimensions and view

Technical data
AHD-DPS02 B28 / B35 / BS42

Power supply (via AHD-DPS02 G14)	24 V DC (+30% / -25%)	Cutout	283 x 138.5 mm
		Input/Output	
Current consumption		AHD-DPS02 B28	3x serial (1x base module, 2x expansion modules)
AHD-DPS02 B28	50..200 mA (typ.)		
AHD-DPS02 B35	50..250 mA (typ.)	AHD-DPS02 B35	4x serial (1x base module, 3x expansion module)
AHD-DPS02 B42	100..300 mA (typ.)		
Operating temperature	-25 °C...70 °C	AHD-DPS02 B42	5x serial (1x base module, 4x expansion module)
Storage temperature	-30 °C...85 °C		
Weight		Installation	Desk or wall mounting
AHD-DPS02 B28	Approx. 0.75 kg	Approvals	ABS, BV, CRS, DNV, LR, PRS, RINA
AHD-DPS02 B35	Approx. 0.8 kg	Item no.:	
AHD-DPS02 B42	approx. 0.85 kg	AHD-DPS02 B28	12521V3 (28 switches)
Protection class	IP 20	AHD-DPS02 B35	12522V3 (35 switches)
External dimensions	294 x 150 x 98 mm	AHD-DPS02 B42	12382V3 (42 switches)