

AHD-DPS02 BS Control Panel

Position and Signal Lights Control and Monitoring



- **Compact control panel for position and signal lights control AHD-DPS02 G14 / AHD-DPS02 A07 in customer-specific design**
- **Free arrangement of light control elements with tabular or graphic labeling (custom design)**
- **Individual button elements with status LED and freely configurable label fields for switching up to 42 position and signal lights**
- **Additional LED indicators for supply and system errors as well as for lamp life warning message**
- **Automatic dimming of LED elements, adjustable**
- **Integrated alarm buzzer and acknowledgment button**
- **Optional release switch for activating operating authorization**
- **Direct connection to basic module AHD-DPS02 G14 and expansion module AHD-DPS02 A07 via pre-assembled ribbon cable**
- **Module housing for installation in desks, consoles, or switchboards, Front dimensions 150 mm x 150 mm or 294 mm x 150 mm (depending on version), protection class IP20**
- **Approvals: ABS, BV, CRS, DNV, LR, PRS, RINA**

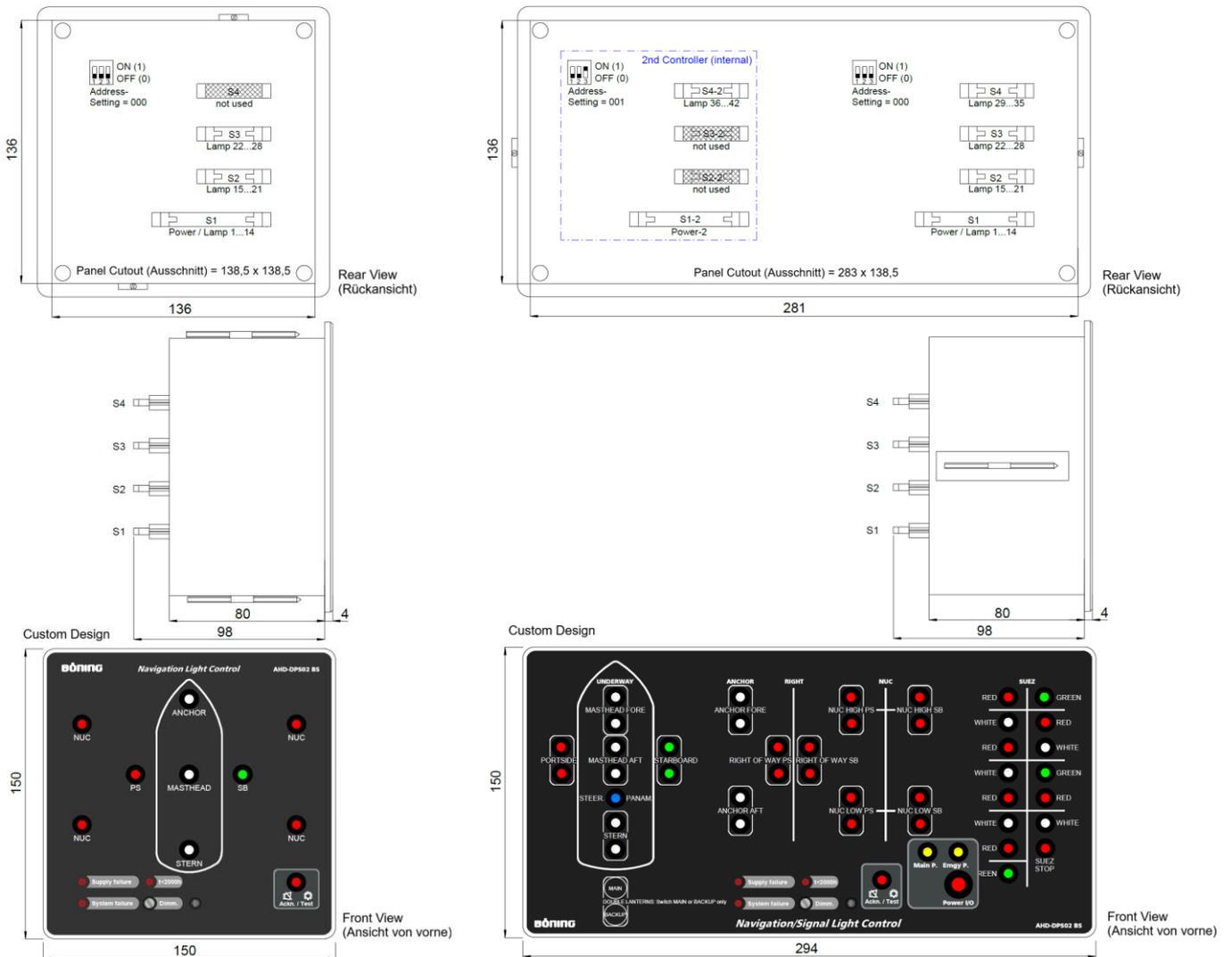
Description

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

AHD-DPS02 BS is a customized control panel for controlling up to 42 lamp channels in various versions and sizes, with a custom front 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.

AHD-DPS02 BS - Dimensions and view examples



Technical data

AHD-DPS02 BS (custom design "square")

Power supply	24 V DC (+30% / -25%) (via AHD-DPS02 G14)
Current consumption	50..150 mA (typ.)
Operating temperature	-25 °C...70 °C
Storage temperature	-30 °C...85 °C
Weight	0.54 kg
Protection class	IP 20
External dimensions	150 x 150 x 98 mm
Cutout	138.5 x 138.5 mm
Input / Output	1x serial (to the base module) max. 21 lamp control channels
Installation	Desk or wall mounting
Approvals	ABS, BV, CRS, DNV, LR, PRS, RINA
Item no.:	
10945V3	150 x 150 mm

AHD-DPS02 BS (custom design "large")

Power supply	24 V DC (+30% / -25%) (via AHD-DPS02 G14)
Current consumption	100..300 mA (typ.)
Operating temperature	-25 °C...70 °C
Storage temperature	-30 °C...85 °C
Weight	0.85 kg
Protection class	IP 20
External dimensions	294 x 150 x 98 mm
Cutout	283 x 138.5 mm
Input / Output	1x serial (to the base module) max. 42 lamp control channels
Installation	Desk or wall mounting
Approvals	ABS, BV, CRS, DNV, LR, PRS, RINA
Item no.:	
11061V3	294 x 150 mm (horizontal)
11060V3	150 x 294 mm (vertical)