

AHD-DPS02 E07 and AHD-DPS02 E14 Switching Units Position and Signal Lights Control and Monitoring



- **Compact switch units for expanding the position and signal lights control AHD-DPS02**
- **Emergency control units for direct switching of the lamp channels even in the event of electronic failure**
- **14-channel switch AHD-DPS02 E14 for connection to the basic module AHD-DPS02 G14**
- **7-channel switch AHD-DPS02 A07 for connection to the expansion module AHD-DPS02 A07**
- **Direct connection via pre-assembled flat ribbon cable**
- **Module housing for installation on standard mounting rails in desks, consoles, switchboards, or switch boxes**
- **Approvals: ABS, BV, CRS, DNV, LR, PRS, RINA**

Description

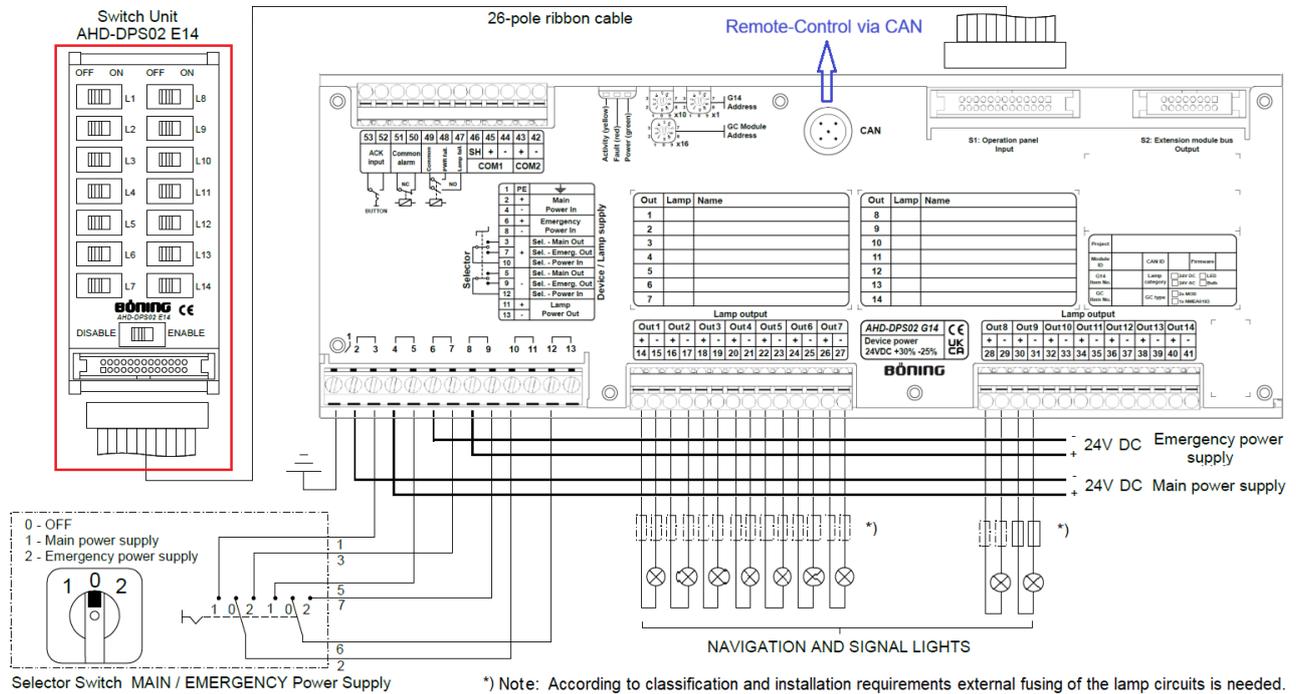
The AHD-DPS02 system is used to control and monitor position and signal lights on ships. The AHD-DPS02 E07 and AHD-DPS02 E14 switch units provide emergency operation for direct switching of the monitored lamp circuits.

If the position and signal lanterns are normally only switched via Böning displays or panel PCs (via CAN bus), the use of the AHD-DPS02 E14 or AHD-DPS02 E07 emergency control units is strongly recommended so that the lanterns can still be switched even in the event of communication failures.

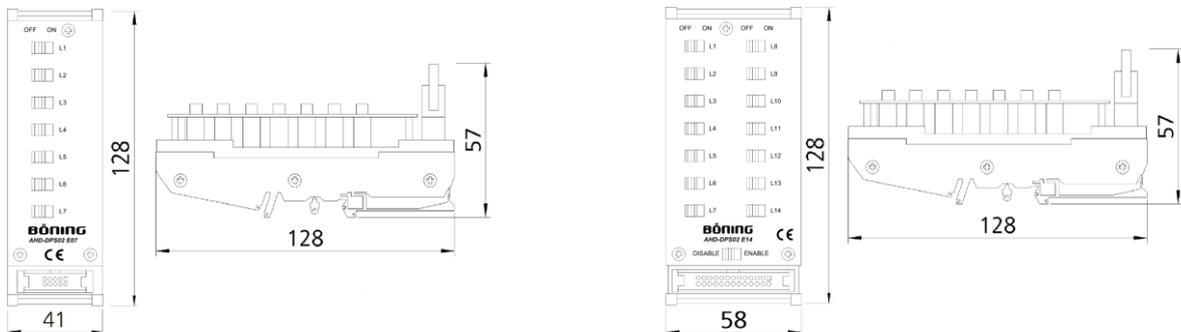
Suitable versions with 14 or 7 switching channels are available for the basic and expansion modules. Each lamp circuit has its own switch, which is wired directly to the lamp switching relays and therefore continues to function even if the control electronics fail.

AHD-DPS02 E14 and AHD-DPS02 E07 are connected directly to the corresponding basic or expansion module via ribbon cable. They are supplied in a profile housing for DIN rail mounting.

Application with AHD-DPS02 G14 and switch module



AHD-DPS02 E07 / AHD-DPS02 E14 Dimensions



Technical data

AHD-DPS02 E14 Switch module

Power supply	24 V DC (+30% / -25%) (via AHD-DPS02 G14)
Current consumption	Passive
Lamp voltage	All
Operating temperature	-25 °C...70 °C
Storage temperature	-30 °C...85 °C
Weight	0.1 kg
Protection class	IP 20
External dimensions	58 x 128 x 57 mm
Inputs/outputs	14 x switches (direct control for basic module)
Installation	On TS 32 and TS 35 rails
Approvals	ABS, BV, CRS, DNV, LR, PRS, RINA
Item no.	14549

AHD-DPS02 E07 Switch module

Power supply	24 V DC (+30% / -25%) (via AHD-DPS02 A07)
Current consumption	Passive
Lamp voltage	All
Operating temperature	-25 °C...70 °C
Storage temperature	-30 °C...85 °C
Weight	0.1 kg
Protection class	IP 20
External dimensions	41 x 128 x 57 mm
Inputs/outputs	7 x switches (direct control for expansion module)
Installation	On TS 32 and TS 35 rail