



SENSOR EXTENSION BOX FOR CONTROL STATION SUNSYNC 240 / 280

Use:

- Extension module for up to 16 additional lux sensors + 16 additional wind sensors
- Only to be paired with Sunsync 240 v2 or Sunsync 280 v2
- Max. cable length for connection to control station is 250 metres

WARNING



- If the control box is not connected and configured correctly, there is a risk of damage to both the installation and sunshading systems
- The connection may only be carried out by a professional and must comply with applicable regulations
- The connection must be carried out in accordance with the applicable project-specific diagrams or standard diagrams on one of the following websites www.sunsync.dk , www.sunsync.no or www.sunsync.se
- The control panel's pre-installed cabling must not be modified

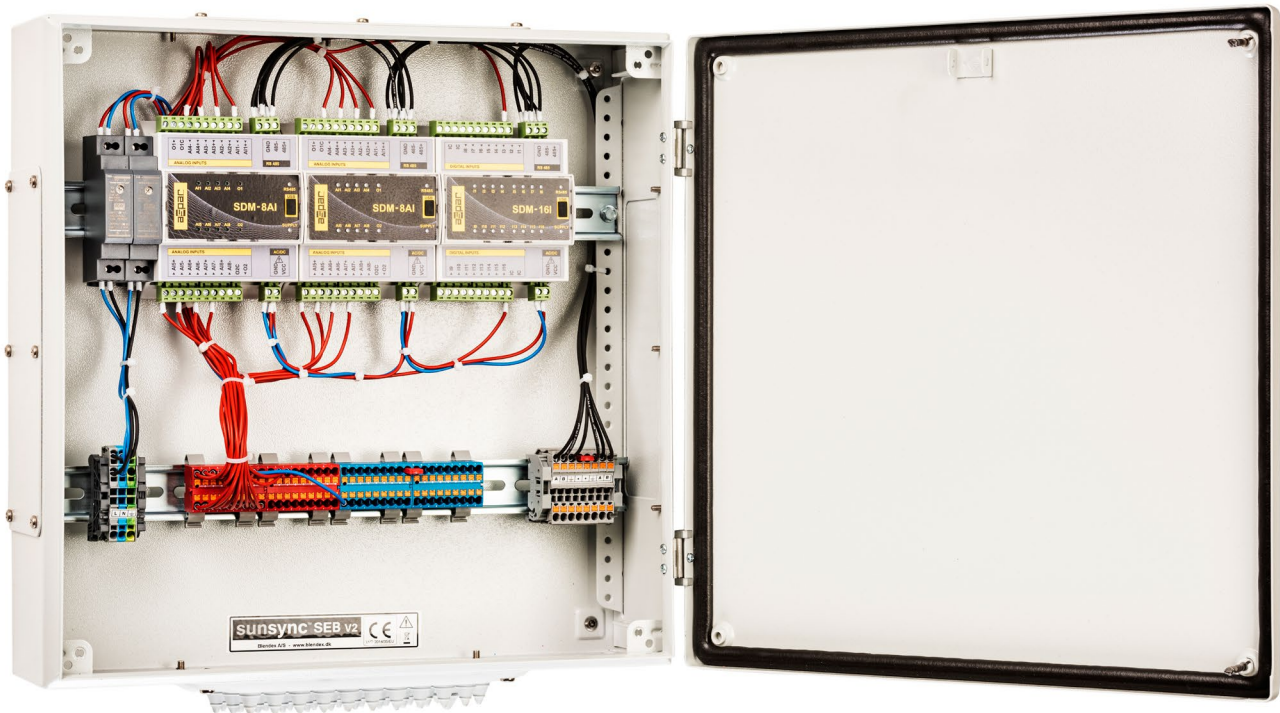
INSTALLATION

- The control box is mounted on the wall using mounting holes in the rear cover
- The control box is positioned so that unauthorised persons and animals cannot access it
- The control box must be mounted indoors in a dry room at a temperature that is always within the range +5°C to +40°C
- All cables must be connected without voltage in the sensor bus and control box
- Cables are pulled through the control box's cable glands and connected in accordance with the diagrams
- The membrane washer of the cable glands is adjusted and tightened to correctly retain the cables
- When the cabling is complete, close the front of the control box and connect the 230V voltage
- For balancing, please refer to the user manual

SAFETY



- Before initial operation, check that the control box, sensors and power supply are intact with no visible damage
- The control station may only be used for sunshading
- Only the sensors and power supplies referred to in this data sheet may be connected
- If sensors are found to be defective, the power supply to the control station should be disconnected



TECHNICAL DATA

Power supply	230 VAC 1Amp 50/60 Hz
Power consumption	5W
Protection class	IP20
Temperature range	+5°C to +40°C
Dimensions	400 x 400 x 120 mm
Colour of steel cabinet	RAL 7035
Internal communication	Modbus RTU

STANDARD ACCESSORIES

DESCRIPTION	PRODUCER
Digital input for wind sensors	Aspar SDM-16I
Analogue input for lux sensors	Aspar SDM-8AI
Power supply 5V DC	Mean Well HDR-15-5
Power supply 24V DC	Mean Well HDR-15-24

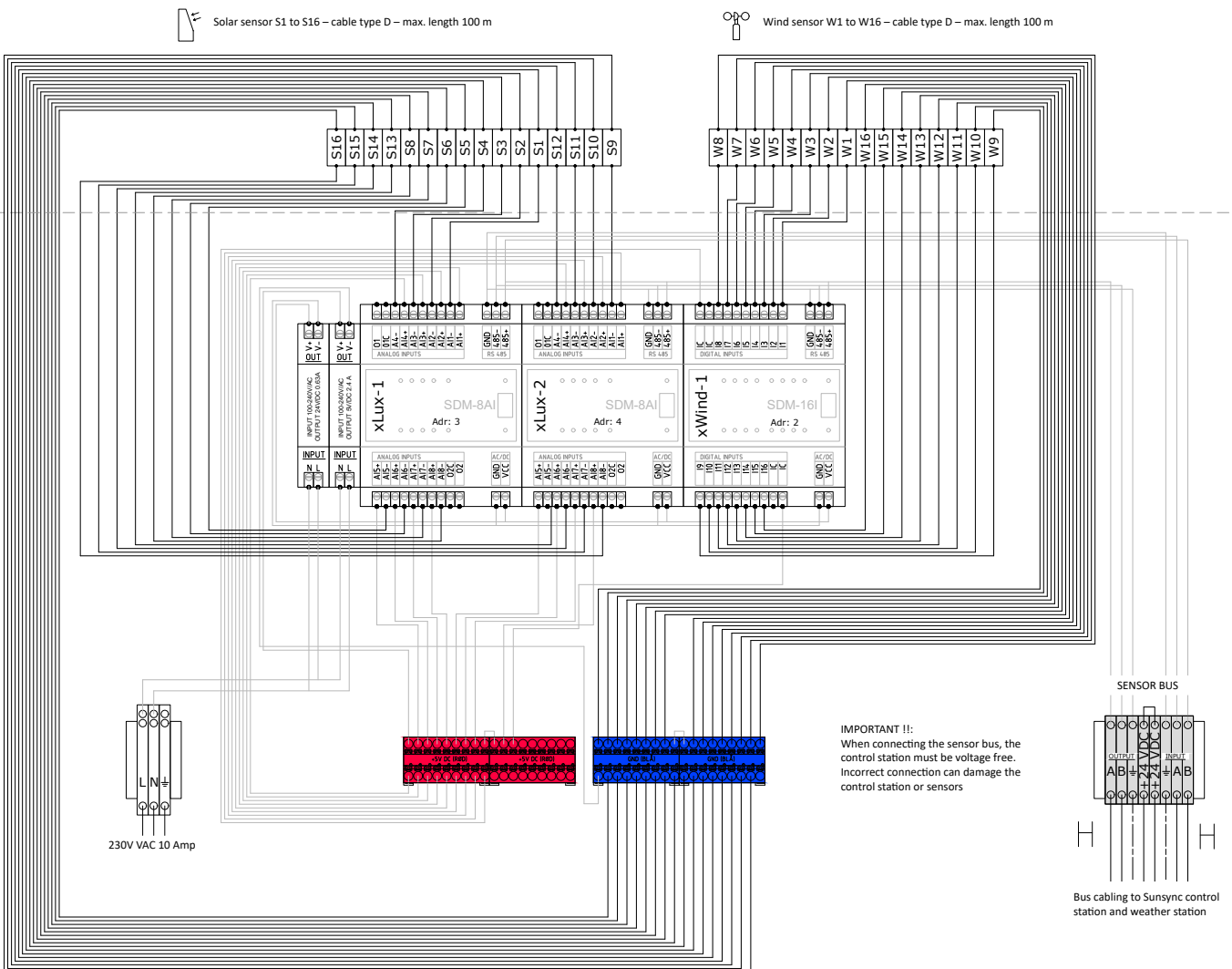
OPTIONAL ACCESSORIES

DESCRIPTION	PRODUCER
Wind sensor (max 16 pcs)	Vestamatic WS-XS
Lux sensor (max 16 pcs)	Vestamatic LS30

CABLE TYPES

LOCATION	CABLE TYPE
Connection to control station and weather station	4x0.8 paired and shielded, max. length 250 metres
230V supply	Min. 2x0.75 + PE

We recommend using certified KNX cable.



For more information on [sunsync](#); contact:



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