



LUXOR 411 (sensor module)



Surface-mounted light sensor



LUXOR 413 (wind sensor optional)

LUXOR 411 (sensor module)

+ max. 3 light sensors + wind sensor

Automatic control of shutters, Venetian blinds and awnings as a function of brightness, and automatic control of the generation 3 exterior lighting.

If required, up to 3 light sensors with wall support can be connected to the control device.

- Three groups of blinds, e.g. on 3 different façades, can be controlled separately and moved automatically to pre-defined positions (0–100 %). This requires one light sensor for each façade.
- The automatic lighting control in the LUXOR system is effected by the dimming switch channel with a setting range of 1–100 lux. This allows, for example, entrance and house number lighting to be switched automatically (from generation 3***).
- The monitoring of the wind speed by means of the additional wind sensor LUXOR 413 allows the sun protection to drive automatically to a safe position, before damage can occur.
- The wind sensor (LUXOR 413) or the weather sensors can also be retrofitted later on to the sensor module LUXOR 411 (see page 102)
- For the wind sensor LUXOR 413, an additional power supply unit is required
- Cable length of the sensor lines up to 100 m

Technical data:

Operating voltage: 230 V~, +10 %/–15 %

Mains frequency: 50 Hz

Device consumption: 5.5 VA

Inputs:

3 light sensors

1 wind sensor (LUXOR 413) or:

connection for weather sensors (LUXOR 412) and 2 light sensors

Wind speed: 2–20 m/s

Brightness range:

3 channels x 1000–100,000 lx (sun protection)

1 channel x 1–100 lx (twilight value)

2-wire connection for COM:

Cross-section as desired/length up to 100 m

Admissible ambient temperature:

–10 °C ... +50 °C

Protection class according to EN 60730-1 when mounted in accordance with its designated use:

Control unit: II

Sensors: III

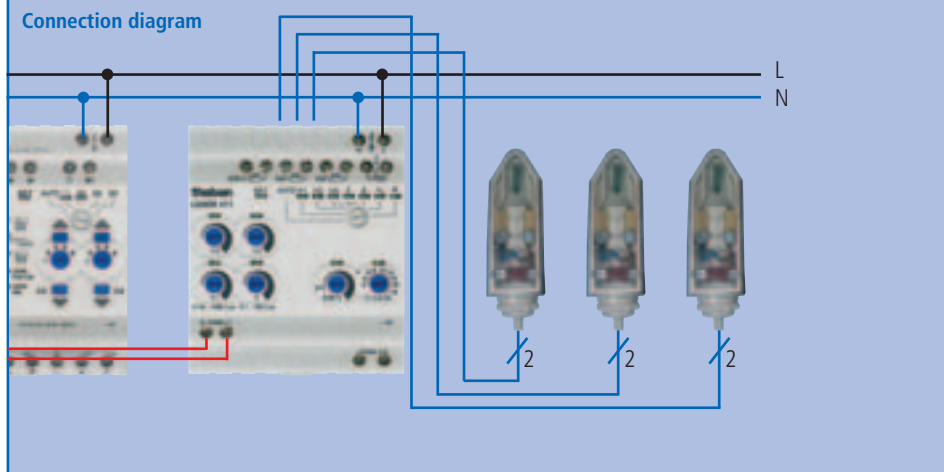
Protection type according to EN 60529:

Control units: IP 20

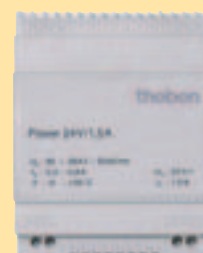
Sensors: LUXOR 413 IP 43

Mounted light sensor IP 54

Connection diagram

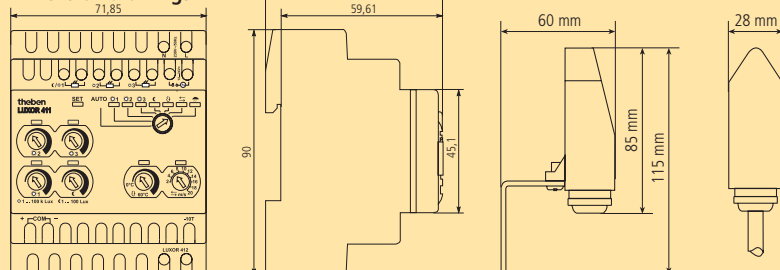


Accessories:



Power supply unit 24 V DC (LUXOR 413)

Dimension drawings



Order numbers

LUXOR 411 (sensor module)	411 0 000
Surface-mounted light sensor (max. 3)	907 0 008
LUXOR 413 (sensor module)	413 0 000
Power supply unit required for LUXOR 413 (4 TE)	907 9 330



LUXOR 411 (sensor module)



LUXOR 412 (weather sensory system)

LUXOR 411 + LUXOR 412 weather sensors

The complete system for the reliable control of awnings, shutters and Venetian blinds - regardless of stormy, rainy or snowy weather. The weather sensory system provide reliable protection, have everything under control and tell the individual channels of the shutter modules in the LUXOR system what they have to do. For example, which slat position the blinds are to move to, depending on the sun's position.

Starting from a set lux value, the pre-selected blinds/awnings will move automatically to the pre-defined position (0-100%). Optionally, 2 additional light sensors can be used to control a total of 3 groups of blinds differently, e. g. for 3 façades.

- The monitoring of the wind speed allows the sun protection to drive automatically to a safe position, before damage can occur.
- Shutters, exterior, entrance and house number lighting can be controlled automatically by the LUXOR system by means of the twilight value setting. (from generation 3***)
- Simple wall mounting by sensor arm that can be tilted upward
- Optional mounting to pole up to Ø 60 mm
- Cable length of the sensor lines up to 100 m
- Frost is fixed to +3 °C, for awnings only

Technical data:

Operating voltage:

LUXOR 411: 230 V~, +10 %/-15 %

LUXOR 412 is supplied by LUXOR 411

Mains frequency: 50 Hz

Device consumption: 5.5 VA

Inputs:

Connection for weather sensors including wind, rain, temperature and integrated light sensors (LUXOR 412) optional: 2 additional light sensors, 1 wind sensor (LUXOR 413)

Brightness range:

max. 3 channels: 1000–100,000 lx (sun protection)

1 channel: 1–100 lx (twilight value)

Wind speed: 2–20 m/s

Temperature range: 0 °C ... +60 °C

2-wire connection for COM:

Cross-section as desired/length up to 100 m

Admissible ambient temperature:

Control unit: -10 °C ... +50 °C

Weather sensors: -20 °C ... +55 °C

Protection class according to EN 60 730-1 when mounted in accordance with its designated use:

Control unit: II

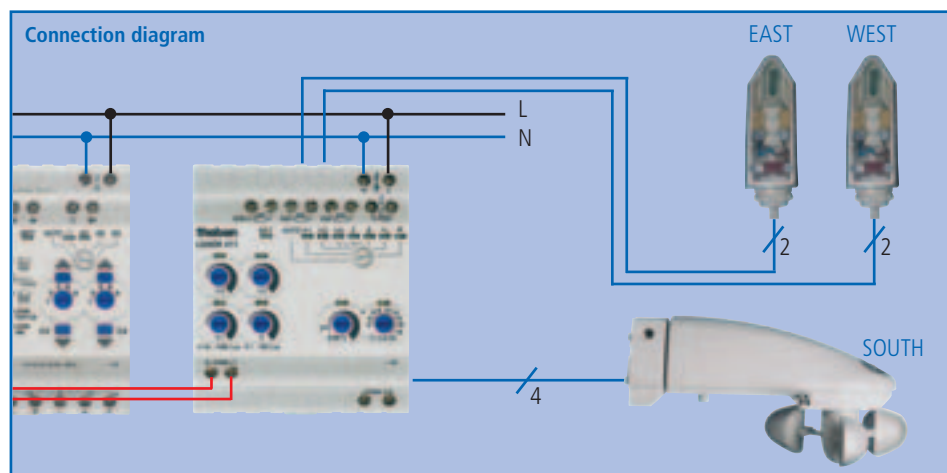
Sensors: II

Protection type according to EN 60 529:

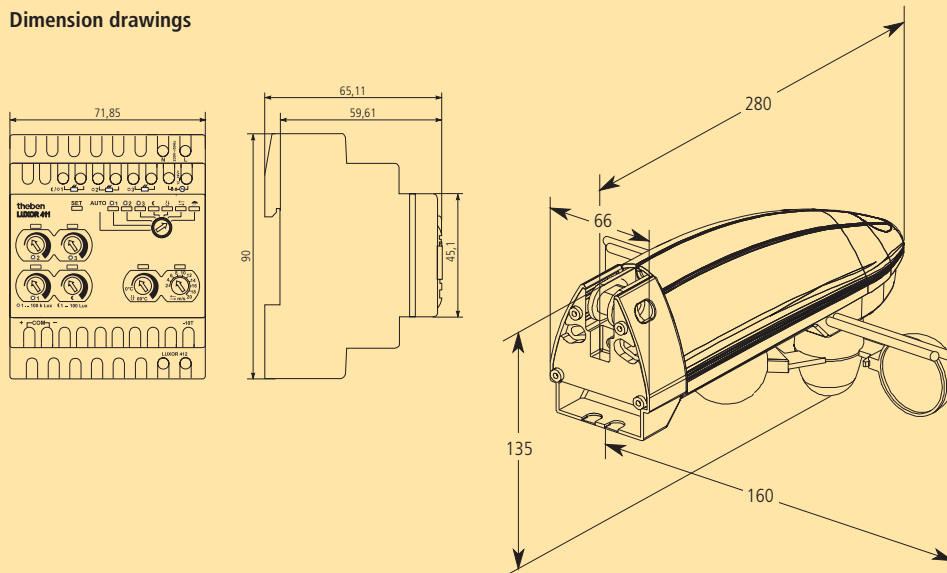
Control units: IP 20

Sensors: IP 44

Connection diagram



Dimension drawings



Order numbers

LUXOR 411 (sensor module)	411 0 000
LUXOR 412 (weather sensory system)	412 0 000
Surface-mounted light sensor	907 0 008
Mast mounting (for LUXOR 412)	907 0 380