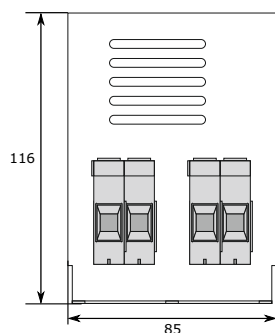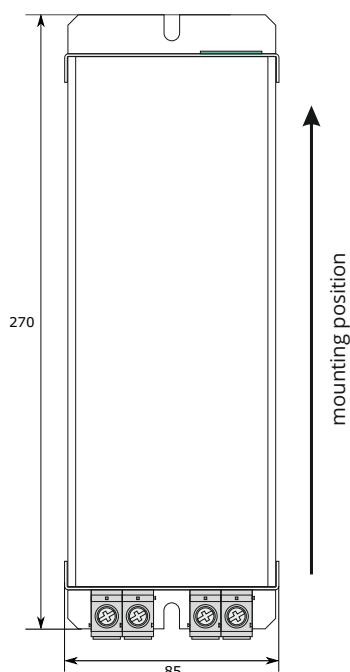# LUMiBOX SLM-140A

Ordering code: SLM140A

The modulator unit LUMiBOX SLM-140A (Smart Light Modulator) forwards control commands received from a control unit via RS485 through powerlines to luminaires with installed LUMiNODE modules. In case of luminaires equipped with certified drivers compatible with IEC62386 (known as DALI) and LUMiNODE SDM-DIG or LUMiNODE/NEMA7 the unit is able to receive status reports from those drivers and will send them to the control unit.

Features

✔ Communication with the controller via RS485 bus (MODBUS)
✔ Allows auto-tune for bad power factor
✔ Supports D4i drivers
✔ Has a built-in electrometer for accurate electrical measurements
✔ Thermal protection
✔ Remote firmware upgrades

mounting position

270

85

116

85

Parameter	Value
Input voltage	AC 220 V ~ 240 V; 50 Hz
Maximum operating current	40 A
Idle consumption	2 W
Communication interface	RS485
Powerline communication	1-way powerline QM-50-SSI1, 2-way powerline QM-50-SSI3, 2-way powerline QM-50-SSI3 (asynchro)
Communication distance	up to 5000 m
Power factor	>0,95
Safety class	I.
IP Rating	IP20
Operating ambient temperature	-25 °C ~ +75 °C
Maximum cross section	16,0mm (6AWG) stranded, 25,0mm (4AWG) solid, 2x10,0mm (8AWG) solid
Dimensions (LxWxH)	270x85x116 mm
Weight	1980 g

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Specifications subject to change without notice