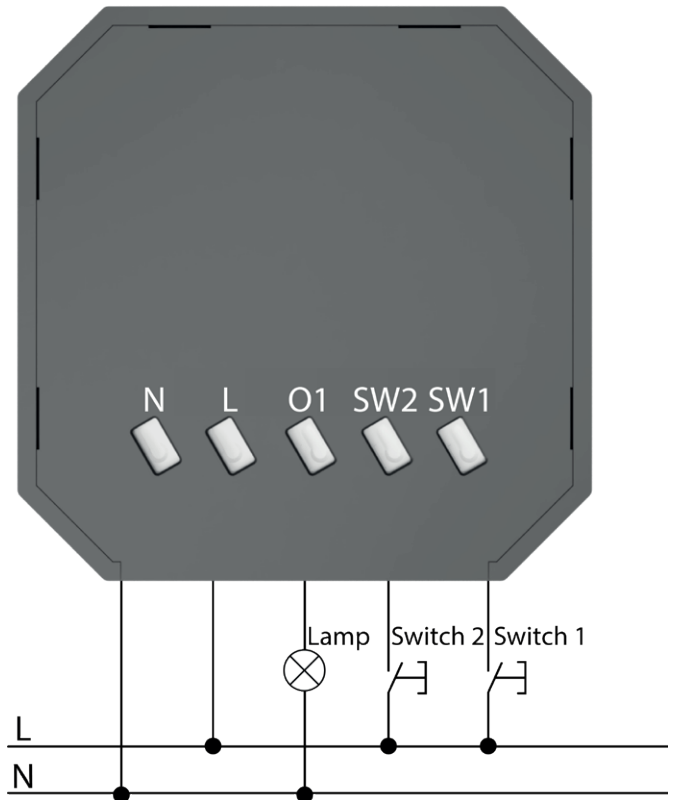




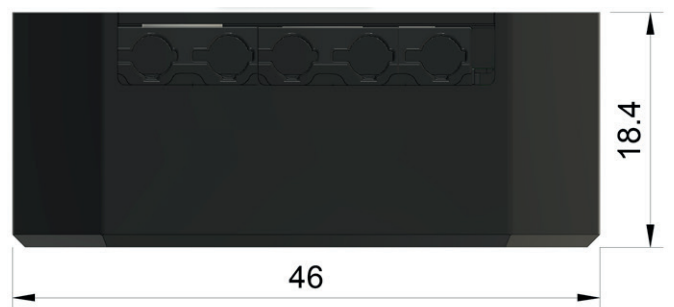
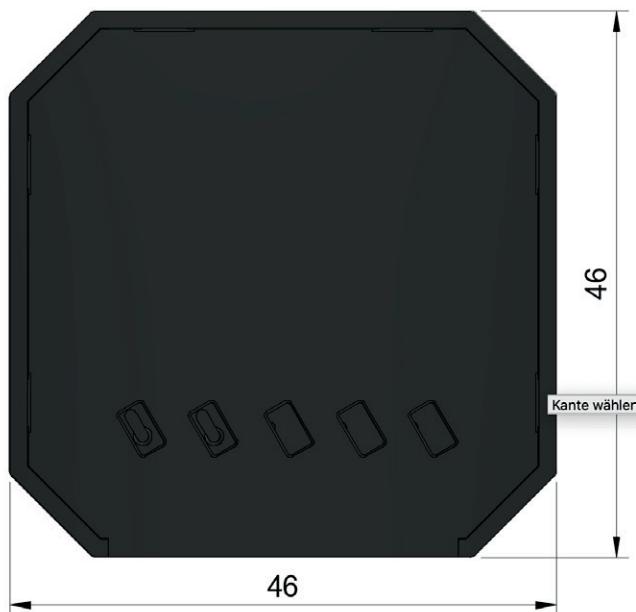
Description

The esave SLC-Switch102 converts your wall socket or conventional street light into an intelligent and controllable device. Thanks to the integrated Street Light Controller SLC-Core102, it is straightforward to configure, operate and monitor. Light switches, street lights and other devices can be easily upgraded by the SLC-Switch102.

Wiring



Dimensions



Operating characteristics

Parameter	Sym	Min	Typ	Max	Unit
Supply voltage	V_{inP}		230		V AC
Power usage			TBD		mW
SW1 Input SW2 Input	V_{in}	0		230	V AC
O1 Output	V_{out}		230		V AC
	P_{out}			300	VA
PCB temperature range	$T_{PCB R}$	-15		+45	°C

Wireless characteristics

Parameter	Sym	Min	Typ	Max	Unit
RF frequency range (center frequency)	f_w	2.420		2.480	GHz
RF nominal output power			+10		dBm
Receiver sensitivity			-97	-92	dBm
Antenna impedance on MCX connector			50		Ohm

Description

eSave **SLC-Core102** is an intelligent electronic module - lighting controller. The SLC-Core102 can be easily integrated into an electronics manufacturer's printed circuit board (PCB). The module allows complete control over the luminaire and can be expanded according to the wishes of the luminaire manufacturer (combine it with the manufacturer's hardware).

The SLC-Core102 and its integrated antenna make it possible to produce an intelligent luminaire in a very short development time. Thanks to the integrated antenna, no additional antenna is required.

The SLC-Core102 gives your hardware new control opportunities through an integrated network and various light control functions. Your lights and sensors are connected to the mains in a very short time and can use the control functions. They can be control and configurable via the [SL-Configurator](#) or via the [web platform](#).

Picture



SLC-Core102