



DATA SHEET

SIUP

1#9610 V PWM converters for LT remote dimmer consumers

Article number 09500218



[Internetlink](#)

Function

"Couplers for external systems" are devices that can send and receive external voltages or protocols. For this reason they can also be called interfaces. The voltage impulse converter SIUP is a component of the SI impulse system and facilitates the conversion of a standardised 1-10 V signal for electronic ballasts into a pulse width modulated signal (PWM) for remote dimmer consumers LT 500 and LT 1200. The signal to be converted can be provided to electronic potentiometers, components outside the system and even internal system control devices of the Dupline bus system, such as the DDMU 2plus. The PWM signal is set depending on the 1-10 V input signal. The SIUP functions as a power source in this case.

Features

converter 1-10 V to PWM for remote dimmer consumers LT 500 and LT 1200, suitable for electronic potentiometers and external system, Dupline and SI control devices, two characteristic curves adjustable for adjustment to different control devices, compact, space-saving design

Mounting

quick fastening to mounting rail, any installation position

Applications

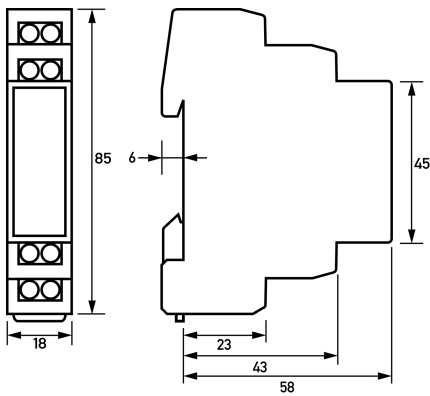
The converter is preferably used where remote dimmer consumers are controlled with electronic potentiometers or external system components. These places could be lecture theatres, large halls or church halls in commercially used buildings.

Technical Data

Technical Data	SIUP
Series	SIUP
Manual operating mode possible	true
Operating voltage source	external power supply
Operating voltage (DC)	24 V (21.5 V ... 26.5 V)
	Display Operation
Type	LED
	Control input
Rated voltage (DC)	24 V
	Semiconductor output
Specification	Semiconductor
Number	2
Load factor	20 ALF
	Screw-type terminal
Clamping area	0.4 mm ² ... 2.5 mm ²
Cross section solid	1-wire: max. 2.5 mm ²
Cross section stranded	1-wire: max. 1.5 mm ²
Tightening torque	max. 0.6 Nm
General data description	General data
Operating position	any
Ambient temperature	-10 °C ... 45 °C
Housing type	Distributor housing

Technical Data	SIUP
Mounting type	Mounting rail
Housing material	Polycarbonate (PC)
Protection class	IP20
Width	17.5 mm
Height	85 mm
Depth	64 mm
Installation depth	58 mm
Width (modules)	1
Design requirements/Standards	EN 60669-1

Dimensions



Dimensional drawing Group view