

Product data sheet

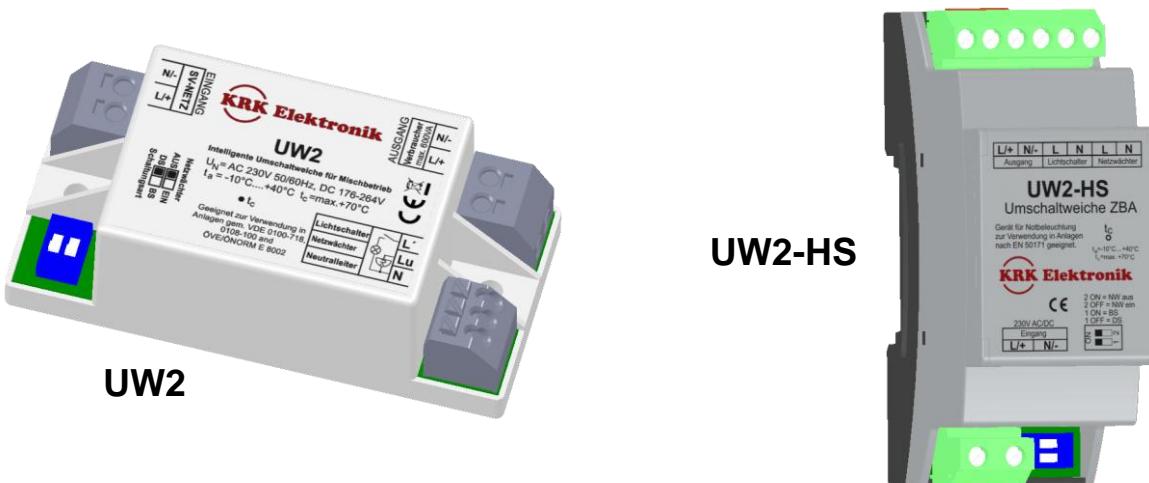
Switching point UW2/UW2-HS

Description:

The switching point UW2 or UW2-HS is used in emergency power systems (diesel systems, central battery systems etc.). The module is prefixed to the light and undertakes connecting of the corresponding supply line. The device is connected to a supply line and interconnects it to the lamp if

- the supply line is switched to DC voltage or
- the light switch input is connected with supply voltage or
- the integrated mains voltage sensor connection is de-energised (network failure) or
- the operating mode switch is switched to "DL" steady light.

Hence, UW1 fulfils universal options for all the switching modes of an emergency / safety lamp.



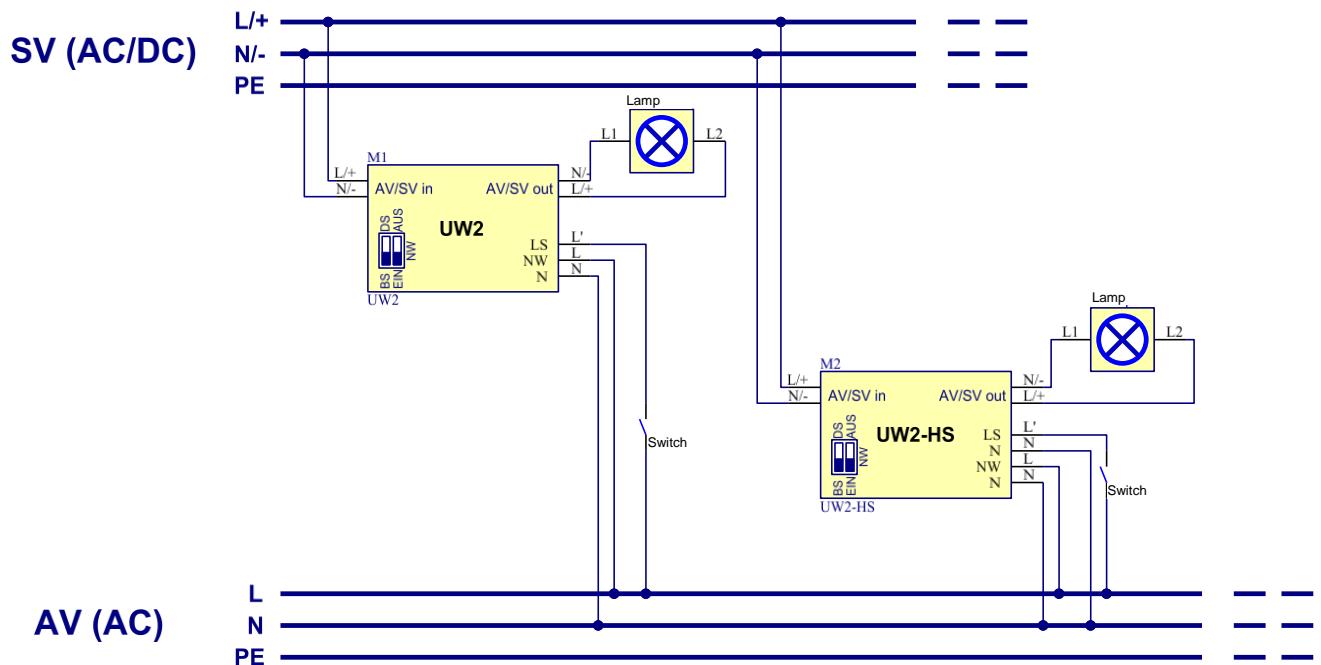
The operating mode can be selected using a DIP switch (BS/DS). The operation of mains voltage sensor can also be switched on / off using a DIP switch. The input circuits of the mains voltage sensor and the light switch input are implemented using a photocoupler. This way, it is possible to control the module using less power.

Order numbers:

Name	Description	Order number
UW2	Switching point with mains voltage sensor and light switch input	109-1053-0320
UW2-HS	Switching point with mains voltage sensor and light switch input, DIN rail mounting	109-1053-0400

Technical data:

Input voltage / frequency	230 V / 50 Hz or 230 V DC voltage
Operating mode	BS, DS, GL (light switch) adjustable using DIP switch.
Switchover voltage of mains voltage sensor.	185V AC
Ambient temperature	-10 to +40 °C (tc max = 70°C)
Power consumption	1 W
Connected wattage	UW2: max. 600 VA, UW2-HS: max. 1380 VA
Dimensions LxBxH (in mm)	UW2: 80 x 37 x 27 mm, UW2-HS: 96 x 49 x 60 mm
Weight	UW2: approximately 43 grams, UW2-HS: approximately 92 grams

Circuit diagram:

Housing dimensions:
