

## OPUS light+ Technical Specifications



**HOTLINE** Monday to Friday in Germany from 8:00 a.m. to 4:30 p.m. (CET)  
Telephone +49 6722 9965-640 or email to [support@wachendorff.de](mailto:support@wachendorff.de)

### IMPLEMENTATION

**Programming** The OPUS light+ is hard coded. A programming needs to be done on the other CANbus members that evaluate this messages. The list of messages the OPUS light+ sends on which action will be provided

### TECHNICAL DATA

<b>Housing</b>	Plastic moulded housing, dimensions approx. 144 x 72 x 50 mm
<b>Display</b>	LCD with 4 x 20 characters, 5 mm high green backlight or vacuum-fluorescent display with 4 x 20 characters 5 mm high, blue luminescent
<b>Keyboard</b>	Touch sensitive keyboard with polyester foil, 11 keys, 4 green LEDs above display
<b>Processor</b>	P80C592
<b>Interfaces</b>	1 CANbus acc. to ISO 11898, CAN - Specification 2.0 A Physical layer: 82C251; CAN short circuit protected against Vcc frame 1 RS-232 Interface for development purposes
<b>Power Supply</b>	24 VDC +7- 20%; 350 mA galvanic disconnected
<b>Temperatures</b>	Operating temperature -25° C to +70° C
<b>Vibration</b>	2g at 5 – 150 Hz, according to EN 50155
<b>Shock</b>	5g/20ms
<b>Protection</b>	IP 6k5, DIN 40050 part 9 from the front in case of appropriate installation. Not for outdoor use

**Immunity**

Immunity to HF radiation: 20V/m according EN 50121-3-2; HF emission in conformity with EN 50121-3-2; ESD Level 3 according to DIN EN 61000-4-2; EMC conformity with DIN 50121-3-2

**Emission**

Radiation acc. to Directive 2004/104 EEC for electrical/electronic subassemblies

All Details Are Without Guarantee. Errors and Omissions Excepted