

Serial slave large display LDSS



- 6-digit red 7-segment LED display
- Simple display of ASCII data
- 2 internal display memories for displaying 2 different displays
- Dimmable display
- Easy programming on the device via the front buttons
- Lightweight all-round aluminum housing
- High protection class IP 65
- Universal AC and DC power supply unit

<https://www.wachendorff-prozesstechnik.de/LDSS>

Description

The large industrial display LDSS is a versatile display for displaying serial ASCII data. The brightness of the 6-digit display can be dimmed and the 57 mm and 101 mm high digits can be read at distances of up to 50 m. The two internal display memories allow two independent displays to be realized. Control is via a computer, PLC or similar. The LDSS can also be used directly as a remote display for a RED LION digital display (with serial interface).

Usually the main display is used for dynamic data (counter, frequency, status, etc.) and the second display for fixed information (system information, machine number, etc.). The lightweight all-round IP65 housing allows use even in harsh industrial environments. The device is configured quickly and safely using 3 buttons.

Product details

Display:	6-digit, 57 mm or 101 mm high red dimmable LED / 7 segments
User input:	1 digital input is available (Low active/ NPN). Various functions programmable (display change, reset, etc.). Maximum input 28 VDC. Response time: max. 10 ms typ., after max. 50 ms a new edge is detected at the user input.
Operation:	The device is operated via 3 front buttons. During programming, you can specify which displays and inputs are possible or remain locked after a programming lock has been activated.
Programming on the device:	Programming is possible if the programming lock is not activated. All necessary parameters can then be set using the 3 front buttons. Programming is organized in individual sections. You are guided through the entry of the individual parameters with short characters.
Serial interface:	RS485: 300 to 38,400 baud, address 0 to 99, multipoint RS232: 300 to 38,400 baud, half-duplex
Power supply:	AC supply: 50 to 250 VAC, 50/60 Hz, 26 VA DC supply: 21.6 to 250 VDC, 11 W
Protection class:	IP65 all round
Housing:	Black lacquered aluminum housing with mounting bracket for wall or ceiling mounting.

Connection:	Internal removable terminal strip blocks
Relative humidity:	max. 85 % rH, non-condensing.
Ambient temperature:	Operation: 0 °C to +50 °C Storage: -40 °C to +70 °C
Dimensions:	57 mm Display: W 406.4 mm x H 101.6 mm x D 57.15 mm 101 mm Display: W 660.4 mm x H 200.0 mm x D 57.15 mm
Weight:	57 mm display: 2.04 kg 101 mm display: 4.76 kg
Electromagnetic compatibility CE-compliant:	The display complies with the IEC 61010-1 and EN 61010-1 standards: Safety requirements for electronic equipment for measurement, control and laboratory applications, Part 1.
Scope of delivery:	Device, mounting bracket, seal, operating instructions
Customs tariff number:	8531 20 20
Manufacturer:	Red Lion, USA

Products Order no.

LD2SS6P0	Slave display with 57 mm digit height, 6 digits
LD4SS6P0	Slave display with 101 mm digit height, 6 digits



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