

**RSF PLC 1W 32IO LEDS S****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



Compact interfaces for transmitting 32 digital input/output signals (RSF SPS).

- Signals optionally with byte grouping (can be set using jumper).
- Can be switched between positive or negative signal (set with jumper)
- An optional LED status display shows the status and the operating voltages.
- Each circuit can be protected by 5x20 mm individual fuses.
- Available with tension-clamp or screw connection.

**General ordering data**

Version	Interface, RSF PLC, LED, 1-wire, Screw connection
Order No.	<a href="#">1128160000</a>
Type	RSF PLC 1W 32IO LEDS S
GTIN (EAN)	4032248909865
Qty.	1 pc(s).

Creation date March 23, 2021 1:17:05 AM CET

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

## RSF PLC 1W 32IO LED S

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## Technical data

### Dimensions and weights

Height	72 mm	Height (inches)	2.835 inch
Length	113 mm	Length (inches)	4.449 inch
Net weight	240 g	Width	87 mm
Width (inches)	3.425 inch		

### Temperatures

Storage temperature	-40...60 °C	Operating temperature	-25...50 °C
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### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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### General data

LED status display per channel	Green (negative -) / red (positive +)	Fuse per channel	No
LED status of the supply voltage	yellow	Power supply fuse	2.5 A
Default setting	Shared minus connection		

### Connection data

Connection (field side)	LP2N 5.08mm	Connection on control side	Plug-in connector in acc. with IEC60603-13 / DIN41651
Connection supply	LP2N 5.08mm	Number of poles (control side)	40-pole plug
Wiring system	1-wire		

### Ratings data

Operating voltage	24 V DC $\pm$ 10%	Max. current per channel	1 A
Max. current per byte	2 A		

### Insulation coordination (EN50178)

According to	DIN EN 50178	Rated insulation voltage	< 50 V AC
Surge voltage category	III	Pollution severity level	2
Pulse voltage test (1,2/50 $\mu$ s)	0.5 kV	Insulation test voltage	0.35 kVAC

### Connection field

Clamping range, max.	6 mm <sup>2</sup>	Clamping range, min.	0.13 mm <sup>2</sup>
Flexible with sleeve, max.	2.5 mm <sup>2</sup>	Flexible with sleeve, min.	0.5 mm <sup>2</sup>
Flexible, max. H05(07) V-K	4 mm <sup>2</sup>	Flexible, min. H05(07) V-K	0.5 mm <sup>2</sup>
Max. wire cross-section, AWG	AWG 12	Min. wire cross-section, AWG	AWG 26
Sleeve with plastic collar, max.	2.5 mm <sup>2</sup>	Solid, max. H05(07) V-U	6 mm <sup>2</sup>
Solid, min. H05(07) V-U	0.5 mm <sup>2</sup>	Stripping length	6 mm
Tightening torque, max.	0.6 Nm	Tightening torque, min.	0.5 Nm
Type of connection	Screw connection		

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## Technical data

### Supply connection

Type of connection	Screw connection	Clamping range, min.	0.13 mm <sup>2</sup>
Clamping range, max.	6 mm <sup>2</sup>	Solid, min. H05(07) V-U	0.5 mm <sup>2</sup>
Solid, max. H05(07) V-U	6 mm <sup>2</sup>	Flexible, min. H05(07) V-K	0.5 mm <sup>2</sup>
Flexible, max. H05(07) V-K	4 mm <sup>2</sup>	Flexible with sleeve, max.	2.5 mm <sup>2</sup>
Flexible with sleeve, min.	0.5 mm <sup>2</sup>	Ferrule with plastic collar, max.	2.5 mm <sup>2</sup>
Wire cross-section, min. AWG	AWG 26	Wire cross-section, max. AWG	AWG 12
Tightening torque, min.	0.5 Nm	Tightening torque, max.	0.6 Nm
Stripping length	6 mm		

### Classifications

ETIM 6.0	EC002780	ETIM 7.0	EC002780
ECLASS 9.0	27-14-11-52	ECLASS 9.1	27-14-11-52
ECLASS 10.0	27-14-11-52	ECLASS 11.0	27-14-11-52

### Approvals

Approvals



ROHS

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### Downloads

User Documentation [Instruction Manual](#)