

**RSF PLC  
RSF PLC 1W 32IO LEDS S**

**Weidmüller Interface GmbH & Co. KG**  
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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**

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

## RSF PLC RSF PLC 1W 32IO LEDS S

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## Technische Daten

### Dimensions and weights

Length	113 mm	Width	87 mm
Height	72 mm	Net weight	240 g

### Temperatures

Operating temperature	-25...+50°C	Storage temperature	-40...+60 °C
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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 on control side	Connector according IEC60603-13/DIN41651	Number of poles (control side)	40-pole plug
Connection (field side)	LP2N 5.08mm	Connection supply	LP2N 5.08mm
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

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>	Sleeve with plastic collar, max.	2.5 mm <sup>2</sup>
Min. wire cross-section, AWG [field]	AWG 26	Max. wire cross-section, AWG [field]	AWG 12
Tightening torque, min.	0.5 Nm	Tightening torque, max.	0.6 Nm
Stripping length	6 mm		

### 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		

**Datenblatt**

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**Technische Daten**

**Classifications**

eClass 6.2	27-24-22-04	eClass 7.1	27-24-22-04
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**Product information**

Descriptive text technical data	Factory setting: Common negative pole
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**Approvals**

Approvals



ROHS	Conform
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**Downloads**

PDF	<a href="#">Instruction Manual</a>
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**Zeichnungen**

