

FP DUO LED DC SA**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Energy-efficient emergency lighting with a long service life**

- **developed and to be used in accordance with DIN EN 60598-2-22**
- LED lamp for harsh environmental conditions (shocks and vibration, temperature range)
- higher energy efficiency and service life than fluorescent lamps
- Can be used worldwide thanks to the multi-voltage input (20 V...60 VDC)
- high fire protection classification V0
- Beam direction to two sides
- 5W Power

Versions

- Pluggable with heavy duty connector and round connector
- Pre-assembled 2.5 mm²

General ordering data

Order No.	1488500000
Type	FP DUO LED DC SA
GTIN (EAN)	4050118298642

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Technical data

Dimensions and weights

Depth	208 mm	Depth (inches)	8.189 inch
Height	128 mm	Height (inches)	5.039 inch
Width	104 mm	Width (inches)	4.094 inch
Length	271 mm	Length (inches)	10.669 inch
Net weight	602 g		

Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-40 °C...55 °C
Humidity	92 % @ 25 °C		

General data

Amplitude of acceleration	5 m/s ² (@ 9-200 Hz)	Amplitude of deflection	1.5 mm (2-9 Hz)
Connector cross-section, max.	2.5 mm ²	Connector cross-section, min.	0.5 mm ²
Efficiency class (according to EU Directive No. 874/2012)	E	Halogen	yes (PVC cable)
Height	≤ 3000 m	Insulation voltage	<500 V (housing/PE)
LED operating life	> 50.000 h	Light colour (CCT)	Cool White, 6000K, 6000K
Light current	496 lm	Light current (in total in both directions)	496 lm
Line type	Heluwind WK 103w-Torsion 2x2.5 mm ²	Luminosity	5,000 cd
Mounting position, installation notice	Arbitrary	Peak acceleration, type L	70 m/s ²
Pollution severity	2	Pre-assembled connector cross-section	2.5 mm ²
Protection class	II	Protection degree	IP54
Rated voltage	24 V	Shape of the LED module	Other
Shock resistance EN 60721-3-3	Class 3M3 portable	Short-circuit protection	Yes, internal
Silicone	No	Surge voltage category	II
Type of connection	Open cable end/length 2 m	Type of mounting	Screw mounting
UL 94 flammability rating	V-0	Vibration resistance EN 60721-3-3	Class 3M3 sinusoidal, stationary

Rated data acc. to IEC 60598-1

DC input voltage range	20...60 V DC	Power rating	5 W
Rated current	0.2 A		

Classifications

ETIM 6.0	EC000996	ETIM 7.0	EC000996
ETIM 8.0	EC000996	ETIM 9.0	EC000996
ECLASS 9.1	27-11-06-35	ECLASS 10.0	27-11-06-35
ECLASS 11.0	27-11-06-35	ECLASS 12.0	27-11-06-35
ECLASS 13.0	27-11-06-35		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	bd6db3a5-1a47-48d8-a5e3-fdd82ef75173

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Technical data

Approvals

Approvals



ROHS	Conform
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UL File Number Search	UL Website
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Certificate no. (cULus)	E345151
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Downloads

Catalogues	Catalogues in PDF-format
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Drawings