

FP DUO LED DC SA

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



Energy-efficient basic lighting with a long service life

- 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 (24 V... 120 VDC)
- high fire protection classification V0
- Beam direction to two sides

Versions

- Pluggable from 0.5 mm² to 2.5 mm²
- Pre-assembled 2.5 mm²

General ordering data

Order No.	1488500000
Type	FP DUO LED DC SA
GTIN (EAN)	4050118298642
Qty.	1 pc(s).

FP DUO LED DC SA

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

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

Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-40 °C...60 °C
Humidity	92 % @ 25 °C		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
------------	----------------

General data

Amplitude of acceleration	5 m/s ² (@ 9-200 Hz)	Amplitude of deflection	1.5 mm (2-9 Hz)
Efficiency class (according to EU Directive No. 874/2012)	A+	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
Light current (in total in both directions)	496 lm	Line type	Heluwind WK 103w-Torsion 2x2.5 mm ²
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
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	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	24...120 V DC	Input voltage	21.6 V ... 144 V DC / protected against reverse polarity
Power rating	5 W	Rated current DC	0.2 A @ 24 V DC

Classifications

ETIM 6.0	EC001959	ETIM 7.0	EC001959
ECLASS 9.0	27-11-06-40	ECLASS 9.1	27-11-06-40
ECLASS 10.0	27-11-06-40	ECLASS 11.0	27-11-06-40

Approvals

Approvals



ROHS	Conform
UL File Number Search	E345151

Creation date March 24, 2021 1:45:06 AM CET

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