

FP DUO LED DC HQ8

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 (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.	1488480000
Type	FP DUO LED DC HQ8
GTIN (EAN)	4050118298567

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Technical data

Dimensions and weights

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	662 g		

Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-40 °C...70 °C
Humidity	92 % @ 25 °C		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1, Potassium perfluorobutane sulfonate 29420-49-3, 6,6'-di-tert-butyl-2,2'- methylenedi-p-cresol 119-47-1	SCIP	8ef82740-ea38-4455- b067-0cceaab45207
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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	No
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	Mounting position, installation notice	Arbitrary
Peak acceleration, type L	70 m/s ²	Pollution severity	2
Protection class	II	Protection degree	IP54
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	Plug-in connector with fixed number of poles, HQ 8
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		

Classifications

ETIM 6.0	EC001959	ETIM 7.0	EC001959
ETIM 8.0	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	ECLASS 12.0	27-11-06-40

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Approvals



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Certificate no. (cULus) E345151

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