

## FP DUO DC RC MF MA SP

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

[www.weidmueller.com](http://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 one side
- 5W Power

Versions

- Pluggable with heavy duty connector and round connector
- Pre-assembled 2.5 mm<sup>2</sup>

### General ordering data

Order No.	2815570000
Type	<a href="#">FP DUO DC RC MF MA SP</a>
GTIN (EAN)	4064675303664

## FP DUO DC RC MF MA SP

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Technical data

## Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate no. (cULus) E345151

## Dimensions and weights

Depth	104 mm	Depth (inches)	4.0945 inch
Height	121 mm	Height (inches)	4.7638 inch
Width	238 mm	Width (inches)	9.3701 inch
Net weight	665 g		

## Temperatures

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

## Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c, 7a, 7cl
REACH SVHC	Lead 7439-92-1, Potassium perfluorobutane sulfonate 29420-49-3
SCIP	4d250b5c-eac1-4909-8961-91bf1e921213

## General data

Silicone	No	Type of connection	Plug-in round connector with fixed number of poles
UL 94 flammability rating	V-0	Halogen	No
Type of mounting	Magnet	Nominal voltage	24 V
Protection degree	IP67	Surge voltage category	II
Pollution severity	2	Insulation voltage	<500 V (housing/PE)
Mounting position, installation notice	Arbitrary	Protection class	II
Amplitude of deflection	1.5 mm (2-9 Hz)	Vibration resistance EN 60721-3-3	Class 3M3 sinusoidal, stationary
Shock resistance EN 60721-3-3	Class 3M3 portable	Light current	496 lm
Connector cross-section, max.	2.5 mm <sup>2</sup>	Connector cross-section, min.	0.5 mm <sup>2</sup>
Altitude	≤ 3000 m	Short-circuit protection	Yes, internal
Light colour (CCT)	Cool White, 6000K, 6000K	Amplitude of acceleration	5 m/s <sup>2</sup> (@ 9-200 Hz)
LED operating life	> 50.000 h	Light current (in total in both directions)	496 lm
Shape of the LED module	Other	Efficiency class (according to EU Directive No. 874/2012)	Not required
Luminosity	5000 cd	Peak acceleration, type L	70 m/s <sup>2</sup>

## Rated data acc. to IEC 60598-1

Power rating	5 W	Nominal current	20 mA
Input voltage	20...60 V DC	DC input voltage range	20...60 V DC

**Technical data**

**Classifications**

ETIM 8.0	EC000996	ETIM 9.0	EC000996
ETIM 10.0	EC000996	ECLASS 14.0	27-11-06-35
ECLASS 15.0	27-11-06-35		

**FP DUO DC RC MF MA SP**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

**Drawings**

[www.weidmueller.com](http://www.weidmueller.com)



## FP DUO DC RC MF MA SP

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany

www.weidmueller.com

## Accessories

### RC-distributor



**H-distributor:**  
 The H distributor is equipped with four poles and impresses with its versatility and IP68 protection class.

#### General ordering data

Type	RC D 4/4P	Version
Order No.	<a href="#">2819550000</a>	
GTIN (EAN)	4064675591290	
Qty.		

### M20

Protective caps suitable for FieldPower and WIPL family with round connector



#### General ordering data

Type	PC RC F	Version
Order No.	<a href="#">2833850000</a>	
GTIN (EAN)	4064675591412	
Qty.		
Type	PC RC M	Version
Order No.	<a href="#">2820090000</a>	
GTIN (EAN)	4064675591405	
Qty.		

### Plug connector - screw system



The circular connectors with screw system are characterised by their compact design. This allows them to be used in a wide range of applications and industries. They are available both as plugs and sockets.

## FP DUO DC RC MF MA SP

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

[www.weidmueller.com](http://www.weidmueller.com)

## Accessories

### General ordering data

Type	RC F P2	Version
Order No.	<a href="#">2788990000</a>	
GTIN (EAN)	4064675591276	
Qty.		
Type	RC M P2	Version
Order No.	<a href="#">2788980000</a>	
GTIN (EAN)	4064675591269	
Qty.		
Type	RC F P2 SP	Version
Order No.	<a href="#">2903200000</a>	
GTIN (EAN)	4099986122376	
Qty.		
Type	RC M P2 SP	Version
Order No.	<a href="#">2903190000</a>	
GTIN (EAN)	4099986122369	
Qty.		