

FP DUO DC RC MF SP**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. | 2815580000 |
| Type | FP DUO DC RC MF SP |
| GTIN (EAN) | 4064675303671 |

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Technical data

Dimensions and weights

| | | | |
|------------|--------|-----------------|------------|
| Depth | 104 mm | Depth (inches) | 4.094 inch |
| Height | 121 mm | Height (inches) | 4.764 inch |
| Width | 238 mm | Width (inches) | 9.37 inch |
| Net weight | 650 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 | No |
| 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 |
| Luminosity | 5,000 cd | Mounting position, installation notice | Arbitrary |
| Peak acceleration, type L | 70 m/s ² | Pollution severity | 2 |
| Protection class | II | Protection degree | IP67 |
| 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 | Plug-in round connector with fixed number of poles | 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

| | | | |
|---------------|--------------|--------------|-----|
| Input voltage | 20...60 V DC | Power rating | 5 W |
| Rated current | 20 mA | | |

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 Potassium perfluorobutane sulfonate 29420-49-3 |
| SCIP | 4d250b5c-eac1-4909-8961-91bf1e921213 |

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Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search UL Website

Certificate no. (cULus) E345151

Downloads

Catalogues [Catalogues in PDF-format](#)

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Drawings

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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 |
| Order No. | 2819550000 |
| GTIN (EAN) | 4064675591290 |
| Qty. | |

M20

Protective caps suitable for FieldPower and WIPL family with round connector

**General ordering data**

| | |
|------------|----------------------------|
| Type | PC RC F |
| Order No. | 2833850000 |
| GTIN (EAN) | 4064675591412 |
| Qty. | |

| | |
|------------|----------------------------|
| Type | PC RC M |
| Order No. | 2820090000 |
| GTIN (EAN) | 4064675591405 |
| Qty. | |

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www.weidmueller.com**Accessories****DC connectors**

DC connector:

The circular connectors of the DC family 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 male and female connectors.

General ordering data

| | |
|------------|----------------------------|
| Type | RC M P2 M20 SP |
| Order No. | 2860650000 |
| GTIN (EAN) | 4064675576662 |
| Qty. | |

| | |
|------------|----------------------------|
| Type | RC F P2 M20 SP |
| Order No. | 2860640000 |
| GTIN (EAN) | 4064675576655 |
| Qty. | |