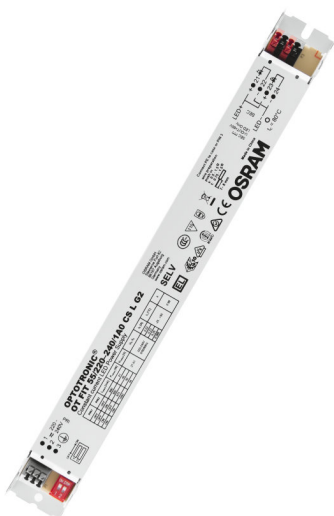


PRODUCT DATASHEET

OT FIT 55/220...240/1A0 CS L G2

OPTOTRONIC FIT CS L G2 | Linear / Area Constant Current – Non dimmable



AREAS OF APPLICATION

- Linear lighting for office, education, industry, storage areas and retail
- Installation in emergency lighting systems according to IEC 61347-2-13, appendix J
- Suitable for luminaires of protection class I

PRODUCT FAMILY BENEFITS

- Flexible current setting (DIPswitch – 4 currents)
- Lifetime: up to 100,000 h (temperature at $T_c = 65\text{ °C}$, max. 10 % failure rate)
- High efficiency
- High quality of light thanks to low output ripple current
- Fulfill safety requirement due to overload, overtemperature, Hot Plug protection

PRODUCT FAMILY FEATURES

- Line frequency: 0 Hz | 50 Hz | 60 Hz
- Versatile scope of application due to output power range of up to 75 W
- Supply voltage: 220...240 V
- Available with output current range: up to 1,400 mA
- SELV system

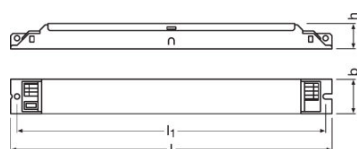
TECHNICAL DATA

Electrical data

| | |
|--|---------------------------|
| Nominal voltage | 220...240 V |
| Mains frequency | 50...60 Hz |
| Input voltage AC | 198...264 V ¹⁾ |
| Power factor λ | 0.98 |
| ECG efficiency | ≤ 89 % |
| Device power loss | 7.0 W |
| Inrush current | 20 A |
| Max. ECG no. on circuit breaker 10 A (B) | 16 |
| Max. ECG no. on circuit breaker 16 A (B) | 25 |
| Max. ECG no. on circuit breaker 25 A (B) | - |
| Surge capability (L/N-Ground) | 2 kV |
| Surge capability (L-N) | 1 kV |
| Nominal output voltage | 27...51 V |
| Nominal output current | 800 / 900 / 975 / 1050 mA |
| Nominal output power | 21.6...53.6 W |
| Galvanic isolation primary/secondary | - |

¹⁾ Permitted voltage range

— Dimensions & weight



| | |
|-------------------------------------|---------------------------|
| Length | 280.0 mm |
| Width | 30.0 mm |
| Height | 21.0 mm |
| Mounting hole spacing, length | 270.0 mm |
| Cable cross-section, input side | 0.5...1.5 mm ² |
| Cable cross-section, output side | 0.5...1.5 mm ² |
| Product weight | 217.00 g |
| Wire preparation length, input side | 8.5...9.5 mm |

Temperatures & operating conditions

| | |
|--|------------------------|
| Ambient temperature range | -25...+50 °C |
| Maximum temperature at tc test point | 80 °C |
| Max.housing temperature in case of fault | 110 °C |
| Permitted rel. humidity during operation | 5...85 % ¹⁾ |

¹⁾ Maximum 56 days/year at 85 %

Lifespan

| | |
|--------------|--------------------------------|
| ECG lifetime | 50000 / 100000 h ¹⁾ |
|--------------|--------------------------------|

¹⁾ At maximum $T_c = 75^\circ\text{C}$ / 10% failure rate / At $T_c = 65^\circ\text{C}$ / 10% failure rate

Additional product data

| | |
|--------------|----|
| Encapsulated | No |
|--------------|----|

Capabilities

| | |
|--|----------------------|
| Dimmable | No |
| Overheating protection | Automatic reversible |
| Overload protection | Non-reversible |
| Short-circuit protection | Automatic reversible |
| No-load proof | Yes |
| Max. cable length to lamp/LED module | 2.0 m |
| Suitable for fixtures with prot. class | I |




Certificates & standards







| | |
|---------------------------|--|
| Approval marks – approval | CE / EL / ENEC 10 / VDE-EMC / CCC / RCM |
| Standards | Acc. to EN 61347-1/Acc. to EN 61347-2-13/Acc. to EN 62384/Acc. to EN 61000-3-2/Acc. to EN 61000-3-3/Acc. to EN 61547 |
| Type of protection | IP20 |

Logistical data

| | |
|------------------------------|-------------|
| Temperature range at storage | -25...85 °C |
|------------------------------|-------------|

DOWNLOAD DATA

| File | |
|---|--|
|  | User instruction OT FIT 35 55 75 220-240 D LT2 L |
|  | Product Datasheet OT FIT 55220–2401050 CS L G2 |
|  | Certificates VDE ENEC Certificate 40046756 |

| | |
|---|--|
|  | Certificates VDE EMC Certificate 40046714 |
|  | Certificates INOTEC Certificate OT FIT 551A0 CS L G2 |
|  | Certificates INOTEC Certificate OT FIT 551A0 CS L G2 appendix |
|  | Declarations of conformity 711957_Declaration of Conformity OT FIT CS L |
|  | Declarations of conformity EU Declaration of Conformity 3666934 |
|  | Declarations of conformity INOTEC- Conformity declaration AM04352_OT_FIT_55_220-240_1A0_CS_L_EL |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4052899522565 | Shipping carton box 20 | 303 mm x 159 mm x 101 mm | 4659.00 g | 4.87 dm ³ |

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.