

OPTOTRONIC FIT CS Track

Compact constant current LED driver – Non dimmable



Product family features

- Supply voltage: 220...240 V
- Line frequency: 50 Hz | 60 Hz
- Line voltage: 198...264 V
- Lifetime: up to 50,000 h (temperature at $T_c = 75\text{ °C}$, max. 10 % failure rate)

Product family benefits

- High quality of light thanks to low output ripple current
- High flexibility due to four different output currents per type
- Short housing for minimum distance between spotlights
- SELV system

Areas of application

- Track lights
- Shops and hospitality: retail, hotels, restaurants

Product family datasheet

Technical data

| Product description | Electrical data | | | | | |
|------------------------------|-----------------------|-----------------|------------------|---------------------------|----------------------------|-------------------------|
| | Nominal input voltage | Mains frequency | Input voltage AC | Total harmonic distortion | Power factor λ | Efficiency in full-load |
| OT FIT 20/220-240/500 CS T-B | 220...240 V | 50/60 Hz | 198...264 V | < 10 % ¹⁾ | 0.98 ²⁾ | 85 % ³⁾ |
| OT FIT 20/220-240/500 CS T-G | 220...240 V | 50/60 Hz | 198...264 V | < 10 % ¹⁾ | 0.98 ²⁾ | 85 % ³⁾ |
| OT FIT 20/220-240/500 CS T-W | 220...240 V | 50/60 Hz | 198...264 V | < 10 % ¹⁾ | 0.82C...0.98 ²⁾ | 85 % ³⁾ |
| OT FIT 30/220-240/800 CS T-B | 220...240 V | 50/60 Hz | 198...264 V | < 10 % ¹⁾ | 0.97 ²⁾ | 88 % ³⁾ |
| OT FIT 30/220-240/800 CS T-G | 220...240 V | 50/60 Hz | 198...264 V | < 10 % ¹⁾ | 0.97 ²⁾ | 87 % ³⁾ |
| OT FIT 30/220-240/800 CS T-W | 220...240 V | 50/60 Hz | 198...264 V | < 10 % ¹⁾ | 0.97 ²⁾ | 87 % ³⁾ |
| OT FIT 40/220-240/1A0 CS T-B | 220...240 V | 50/60 Hz | 198...264 V | < 10 % ¹⁾ | 0.91...0.97 ²⁾ | 88.5 % ³⁾ |
| OT FIT 40/220-240/1A0 CS T-G | 220...240 V | 50/60 Hz | 198...264 V | < 10 % ¹⁾ | 0.91...0.97 ²⁾ | 88.5 % ³⁾ |
| OT FIT 40/220-240/1A0 CS T-W | 220...240 V | 50/60 Hz | 198...264 V | < 10 % ¹⁾ | 0.98 ²⁾ | 88.5 % ³⁾ |

| Product description | Device power loss | Protective conductor current | Inrush current | Max. ECG no. on circuit breaker 10 A (B) | Max. ECG no. on circuit breaker 16 A (B) | Surge capability (L/N-Ground) |
|------------------------------|----------------------|------------------------------|---------------------------|--|--|-------------------------------|
| OT FIT 20/220-240/500 CS T-B | 3.7 W ⁴⁾ | <0.7 mA | ≤ 16 A ⁵⁾ | 30 | 50 | 2 kV |
| OT FIT 20/220-240/500 CS T-G | 3.7 W ⁴⁾ | <0.7 mA | ≤ 16 A ⁵⁾ | 30 | 50 | 2 kV |
| OT FIT 20/220-240/500 CS T-W | 3.7 W ⁴⁾ | <0.7 mA | ≤ 16 A ⁵⁾ | 30 | 50 | 2 kV |
| OT FIT 30/220-240/800 CS T-B | 4.4 W ¹⁵⁾ | <0.7 mA | ≤ 20 A ⁵⁾ | 15 | 25 | 2 kV |
| OT FIT 30/220-240/800 CS T-G | 4.4 W ¹⁵⁾ | <0.7 mA | ≤ 20 A ⁵⁾ | 15 | 25 | 2 kV |
| OT FIT 30/220-240/800 CS T-W | 4.4 W ¹⁵⁾ | <0.7 mA | ≤ 20 A ⁵⁾ | 15 | 25 | 2 kV |
| OT FIT 40/220-240/1A0 CS T-B | 5.5 W ¹⁶⁾ | <0.7 mA | ≤ 20 A ⁵⁾ | 15 | 25 | 2 kV |
| OT FIT 40/220-240/1A0 CS T-G | 5.5 W ¹⁶⁾ | <0.7 mA | ≤ 20 A ⁵⁾ | 15 | 25 | 2 kV |
| OT FIT 40/220-240/1A0 CS T-W | 5.5 W ¹⁶⁾ | <0.7 mA | ≤ 20 A ⁵⁾ | 15 | 25 | 2 kV |

| Product description | Surge capability (L-N) | Nominal output voltage | U-OUT (working voltage) | Nominal output current | Output current tolerance |
|------------------------------|------------------------|------------------------|-------------------------|--------------------------|--------------------------|
| OT FIT 20/220-240/500 CS T-B | 1 kV | 25...42 V | 60 V | 250 / 350 / 450 / 500 mA | ± 7.5 % |
| OT FIT 20/220-240/500 CS T-G | 1 kV | 25...42 V | 60 V | 250 / 350 / 450 / 500 mA | ± 7.5 % |
| OT FIT 20/220-240/500 CS T-W | 1 kV | 25...42 V | 60 V | 250 / 350 / 450 / 500 mA | ± 7.5 % |
| OT FIT 30/220-240/800 CS T-B | 1 kV | 25...42 V | 60 V | 600 / 700 / 750 / 800 mA | ± 7.5 % |
| OT FIT 30/220-240/800 CS T-G | 1 kV | 25...42 V | 60 V | 600 / 700 / 750 / 800 mA | ± 7.5 % |
| OT FIT 30/220-240/800 CS T-W | 1 kV | 25...42 V | 60 V | 600 / 700 / 750 / 800 mA | ± 7.5 % |

Product family datasheet

| Product description | Surge capability (L-N) | Nominal output voltage | U-OUT (working voltage) | Nominal output current | Output current tolerance |
|------------------------------|------------------------|------------------------|-------------------------|---------------------------|--------------------------|
| OT FIT 40/220-240/1A0 CS T-B | 1 kV | 27...42 V | 60 V | 850 / 900 / 950 / 1050 mA | ±7.5 % |
| OT FIT 40/220-240/1A0 CS T-G | 1 kV | 27...42 V | 60 V | 850 / 900 / 950 / 1050 mA | ±7.5 % |
| OT FIT 40/220-240/1A0 CS T-W | 1 kV | 27...42 V | 60 V | 850 / 900 / 950 / 1050 mA | ±7.5 % |

| Product description | Default output current | Output ripple current (100 Hz) | Output PSTLM | Output SVM |
|------------------------------|------------------------|--------------------------------|--------------|------------|
| OT FIT 20/220-240/500 CS T-B | 500 mA | < 5 % ⁶⁾ | ≤1 | ≤0.4 |
| OT FIT 20/220-240/500 CS T-G | 500 mA | < 5 % ⁶⁾ | ≤1 | ≤0.4 |
| OT FIT 20/220-240/500 CS T-W | 500 mA | < 5 % ⁶⁾ | ≤1 | ≤0.4 |
| OT FIT 30/220-240/800 CS T-B | 800 mA | < 5 % ⁶⁾ | ≤1 | ≤0.4 |
| OT FIT 30/220-240/800 CS T-G | 800 mA | < 5 % ⁶⁾ | ≤1 | ≤0.4 |
| OT FIT 30/220-240/800 CS T-W | 800 mA | < 5 % ⁶⁾ | ≤1 | ≤0.4 |
| OT FIT 40/220-240/1A0 CS T-B | 1050 mA | < 5 % ⁶⁾ | ≤1 | ≤0.4 |
| OT FIT 40/220-240/1A0 CS T-G | 1050 mA | < 5 % ⁶⁾ | ≤1 | ≤0.4 |
| OT FIT 40/220-240/1A0 CS T-W | 1050 mA | < 5 % ⁶⁾ | ≤1 | ≤0.4 |

| Product description | Nominal output power | Maximum output power | Galvanic isolation primary/secondary | Current set | Dimensions & weight |
|------------------------------|----------------------|----------------------|--------------------------------------|-------------|---------------------|
| | | | | | Product weight |
| OT FIT 20/220-240/500 CS T-B | 6.3...21 W | 21 W | SELV | DipSwitch | 44.80 g |
| OT FIT 20/220-240/500 CS T-G | 6.3...21 W | 21 W | SELV | DipSwitch | 44.80 g |
| OT FIT 20/220-240/500 CS T-W | 6.3...21 W | 21 W | SELV | DipSwitch | 44.80 g |
| OT FIT 30/220-240/800 CS T-B | 15...33.6 W | 33.6 W | SELV | DipSwitch | 63.40 g |
| OT FIT 30/220-240/800 CS T-G | 15...33.6 W | 33.6 W | SELV | DipSwitch | 63.40 g |
| OT FIT 30/220-240/800 CS T-W | 15...33.6 W | 33.6 W | SELV | DipSwitch | 63.40 g |
| OT FIT 40/220-240/1A0 CS T-B | 23...44.1 W | 44.1 W | SELV | DipSwitch | 63.60 g |
| OT FIT 40/220-240/1A0 CS T-G | 23...44.1 W | 44.1 W | SELV | DipSwitch | 63.60 g |
| OT FIT 40/220-240/1A0 CS T-W | 23...44.1 W | 44.1 W | SELV | DipSwitch | 63.60 g |

| Product description | Cable cross-section, output side | Wire preparation length, output side | Height | Width | Length | Colors & materials |
|------------------------------|----------------------------------|--------------------------------------|--------|---------|----------|--------------------|
| | | | | | | Casing material |
| OT FIT 20/220-240/500 CS T-B | 0.2...0.75 mm ² | 7...8 mm | 41 mm | 32.0 mm | 162.0 mm | Plastic |

Product family datasheet

| Product description | Cable cross-section, output side | Wire preparation length, output side | Height | Width | Length | Colors & materials |
|------------------------------|----------------------------------|--------------------------------------|--------|---------|----------|--------------------|
| | | | | | | Casing material |
| OT FIT 20/220-240/500 CS T-G | 0.2...0.75 mm ^{2 14)} | 7...8 mm | 41 mm | 32.0 mm | 162.0 mm | Plastic |
| OT FIT 20/220-240/500 CS T-W | 0.2...0.75 mm ² | 7...8 mm | 41 mm | 32.0 mm | 162.0 mm | Plastic |
| OT FIT 30/220-240/800 CS T-B | 0.2...0.75 mm ² | 7...8 mm | 41 mm | 32.0 mm | 162.0 mm | Plastic |
| OT FIT 30/220-240/800 CS T-G | 0.2...0.75 mm ² | 7...8 mm | 41 mm | 32.0 mm | 162.0 mm | Plastic |
| OT FIT 30/220-240/800 CS T-W | 0.2...0.75 mm ² | 7...8 mm | 41 mm | 32.0 mm | 162.0 mm | Plastic |
| OT FIT 40/220-240/1A0 CS T-B | 0.2...0.75 mm ² | 7...8 mm | 41 mm | 32.0 mm | 162.0 mm | Plastic |
| OT FIT 40/220-240/1A0 CS T-G | 0.2...0.75 mm ² | 7...8 mm | 41 mm | 32.0 mm | 162.0 mm | Plastic |
| OT FIT 40/220-240/1A0 CS T-W | 0.2...0.75 mm ² | 7...8 mm | 41 mm | 32.0 mm | 162.0 mm | Plastic |

| Product description | Product color | Temperatures & operating conditions | | | |
|------------------------------|----------------|-------------------------------------|--------------------------------------|--|------------------------------|
| | | Ambient temperature range | Maximum temperature at tc test point | Max.housing temperature in case of fault | Temperature range at storage |
| OT FIT 20/220-240/500 CS T-B | BLACK RAL 9011 | -20...+35 °C | 75 °C ⁷⁾ | 110 °C | -20...80 °C ⁸⁾ |
| OT FIT 20/220-240/500 CS T-G | GREY RAL 7040 | -20...+35 °C | 75 °C ⁷⁾ | 110 °C | -20...80 °C ⁸⁾ |
| OT FIT 20/220-240/500 CS T-W | WHITE RAL 9010 | -20...+35 °C | 75 °C ⁷⁾ | 110 °C | -20...80 °C ⁸⁾ |
| OT FIT 30/220-240/800 CS T-B | BLACK RAL 9011 | -20...+35 °C | 75 °C ⁷⁾ | 110 °C | -20...80 °C ⁸⁾ |
| OT FIT 30/220-240/800 CS T-G | GREY RAL 7040 | -20...+35 °C | 75 °C ⁷⁾ | 110 °C | -20...80 °C ⁸⁾ |
| OT FIT 30/220-240/800 CS T-W | WHITE RAL 9010 | -20...+35 °C | 75 °C ⁷⁾ | 110 °C | -20...80 °C ⁸⁾ |
| OT FIT 40/220-240/1A0 CS T-B | BLACK RAL 9011 | -20...+35 °C | 75 °C ⁷⁾ | 110 °C | -20...80 °C ⁸⁾ |
| OT FIT 40/220-240/1A0 CS T-G | GREY RAL 7040 | -20...+35 °C | 75 °C ⁷⁾ | 110 °C | -20...80 °C ⁸⁾ |
| OT FIT 40/220-240/1A0 CS T-W | WHITE RAL 9010 | -20...+35 °C | 75 °C ⁷⁾ | 110 °C | -20...80 °C ⁸⁾ |

Product family datasheet

| Product description | Permitted rel. humidity during operation | Lifespan | | Additional product data | |
|------------------------------|--|------------------------|--|---|-----------------|
| | | ECG lifetime | | Compatible track systems | Predecessor EAN |
| OT FIT 20/220-240/500 CS T-B | 5...85 % ⁹⁾ | 50000 h ¹⁰⁾ | | Nuco / Ivela / EUTRAC / GLOBAL / STAFF / NORLUX ¹¹⁾ | |
| OT FIT 20/220-240/500 CS T-G | 5...85 % ⁹⁾ | 50000 h ¹⁰⁾ | | Nuco / Ivela / EUTRAC / GLOBAL / STAFF / NORLUX ¹¹⁾ | |
| OT FIT 20/220-240/500 CS T-W | 5...85 % ⁹⁾ | 50000 h ¹⁰⁾ | | Nuco / Ivela / EUTRAC / GLOBAL / STAFF / NORLUX ¹¹⁾ | |
| OT FIT 30/220-240/800 CS T-B | 5...85 % ⁹⁾ | 50000 h ¹⁰⁾ | | Nuco / Ivela / EUTRAC / GLOBAL / STAFF / NORLUX ¹¹⁾ | 4062172028479 |
| OT FIT 30/220-240/800 CS T-G | 5...85 % ⁹⁾ | 50000 h ¹⁰⁾ | | Nuco / Ivela / EUTRAC / GLOBAL / STAFF / NORLUX ¹¹⁾ | |
| OT FIT 30/220-240/800 CS T-W | 5...85 % ⁹⁾ | 50000 h ¹⁰⁾ | | Nuco / Ivela / EUTRAC / GLOBAL / STAFF / NORLUX ¹¹⁾ | 4062172028493 |
| OT FIT 40/220-240/1A0 CS T-B | 5...85 % ⁹⁾ | 50000 h ¹⁰⁾ | | Nuco / Ivela / EUTRAC / GLOBAL / STAFF / NORLUX ¹¹⁾ | |
| OT FIT 40/220-240/1A0 CS T-G | 5...85 % ⁹⁾ | 50000 h ¹⁰⁾ | | Nuco / Ivela / EUTRAC / GLOBAL / STAFF / NORLUX ¹¹⁾ | |
| OT FIT 40/220-240/1A0 CS T-W | 5...85 % ⁹⁾ | 50000 h ¹⁰⁾ | | Nuco / Ivela / EUTRAC / GLOBAL / STAFF / NORLUX ¹¹⁾ | |

| Product description | Capabilities | | | |
|------------------------------|--------------|------------------------|---------------------|--------------------------|
| | Dimmable | Overheating protection | Overload protection | Short-circuit protection |
| OT FIT 20/220-240/500 CS T-B | No | Automatic reversible | Yes | Yes |
| OT FIT 20/220-240/500 CS T-G | No | Automatic reversible | Yes | Yes |
| OT FIT 20/220-240/500 CS T-W | No | Automatic reversible | Yes | Yes |
| OT FIT 30/220-240/800 CS T-B | No | Automatic reversible | Yes | Yes |
| OT FIT 30/220-240/800 CS T-G | No | Automatic reversible | Yes | Yes |
| OT FIT 30/220-240/800 CS T-W | No | Automatic reversible | Yes | Yes |

Product family datasheet

| Product description | Capabilities | | | |
|------------------------------|--------------|------------------------|---------------------|--------------------------|
| | Dimmable | Overheating protection | Overload protection | Short-circuit protection |
| OT FIT 40/220-240/1A0 CS T-B | No | Automatic reversible | Yes | Yes |
| OT FIT 40/220-240/1A0 CS T-G | No | Automatic reversible | Yes | Yes |
| OT FIT 40/220-240/1A0 CS T-W | No | Automatic reversible | Yes | Yes |

| Product description | No-load proof | Intended for no-load operation | Max. cable length to lamp/LED module | Suitable for fixtures with prot. class |
|------------------------------|---------------|--------------------------------|--------------------------------------|--|
| OT FIT 20/220-240/500 CS T-B | Yes | No | 2.0 m ¹²⁾ | II |
| OT FIT 20/220-240/500 CS T-G | Yes | No | 2.0 m ¹²⁾ | II |
| OT FIT 20/220-240/500 CS T-W | Yes | No | 2.0 m ¹²⁾ | II |
| OT FIT 30/220-240/800 CS T-B | Yes | No | 2.0 m ¹²⁾ | II |
| OT FIT 30/220-240/800 CS T-G | Yes | No | 2.0 m ¹²⁾ | II |
| OT FIT 30/220-240/800 CS T-W | Yes | No | 2.0 m ¹²⁾ | II |
| OT FIT 40/220-240/1A0 CS T-B | Yes | No | 2.0 m ¹²⁾ | II |
| OT FIT 40/220-240/1A0 CS T-G | Yes | No | 2.0 m ¹²⁾ | II |
| OT FIT 40/220-240/1A0 CS T-W | Yes | No | 2.0 m ¹²⁾ | II |

| Product description | Type of connection, input side | Type of connection, output side | Number of channels | Programming |
|------------------------------|--------------------------------|---------------------------------|--------------------|--------------------|
| | | | | Programming device |
| OT FIT 20/220-240/500 CS T-B | - | Push terminal | 1 | DIPswitch |
| OT FIT 20/220-240/500 CS T-G | - | Push terminal | 1 | DIPswitch |
| OT FIT 20/220-240/500 CS T-W | - | Push terminal | 1 | DIPswitch |
| OT FIT 30/220-240/800 CS T-B | - | Push terminal | 1 | DIPswitch |
| OT FIT 30/220-240/800 CS T-G | - | Push terminal | 1 | DIPswitch |
| OT FIT 30/220-240/800 CS T-W | - | Push terminal | 1 | DIPswitch |
| OT FIT 40/220-240/1A0 CS T-B | - | Push terminal | 1 | DIPswitch |
| OT FIT 40/220-240/1A0 CS T-G | - | Push terminal | 1 | DIPswitch |
| OT FIT 40/220-240/1A0 CS T-W | - | Push terminal | 1 | DIPswitch |

| Product description | Certificates & standards | | | |
|------------------------------|--|---|--------------------|------------------|
| | Approval marks – approval | Standards | Type of protection | Protection class |
| OT FIT 20/220-240/500 CS T-B | CE / ENEC / EAC / CQC / RCM ¹³⁾ | Acc. to IEC 61347-1/Acc. to IEC 61347-2-13/Acc. to IEC 62384/Acc. to CISPR 15/Acc. to IEC 61000-3-2/Acc. to IEC 61000-3-3/Acc. to IEC 61547 | IP20 | II |

Product family datasheet

| Product description | Certificates & standards | | | |
|------------------------------|--|---|--------------------|------------------|
| | Approval marks – approval | Standards | Type of protection | Protection class |
| OT FIT 20/220-240/500 CS T-G | CE / CCC / ENEC / EAC / CQC ¹³⁾ | Acc. to IEC 61347-1/Acc. to IEC 61347-2-13/Acc. to IEC 62384/Acc. to CISPR 15/Acc. to IEC 61000-3-2/Acc. to IEC 61000-3-3/Acc. to IEC 61547 | IP20 | II |
| OT FIT 20/220-240/500 CS T-W | CE / CCC / ENEC / EAC / CQC ¹³⁾ | Acc. to IEC 61347-1/Acc. to IEC 61347-2-13/Acc. to IEC 62384/Acc. to CISPR 15/Acc. to IEC 61000-3-2/Acc. to IEC 61000-3-3/Acc. to IEC 61547 | IP20 | II |
| OT FIT 30/220-240/800 CS T-B | CE / ENEC / EAC / CQC / RCM ¹³⁾ | Acc. to IEC 61347-1/Acc. to IEC 61347-2-13/Acc. to IEC 62384/Acc. to CISPR 15/Acc. to IEC 61000-3-2/Acc. to IEC 61000-3-3/Acc. to IEC 61547 | IP20 | II |
| OT FIT 30/220-240/800 CS T-G | CE / ENEC / EAC / CQC / RCM ¹³⁾ | Acc. to IEC 61347-1/Acc. to IEC 61347-2-13/Acc. to IEC 62384/Acc. to CISPR 15/Acc. to IEC 61000-3-2/Acc. to IEC 61000-3-3/Acc. to IEC 61547 | IP20 | II |
| OT FIT 30/220-240/800 CS T-W | CE / ENEC / EAC / CQC / RCM ¹³⁾ | Acc. to IEC 61347-1/Acc. to IEC 61347-2-13/Acc. to IEC 62384/Acc. to CISPR 15/Acc. to IEC 61000-3-2/Acc. to IEC 61000-3-3/Acc. to IEC 61547 | IP20 | II |
| OT FIT 40/220-240/1A0 CS T-B | CE / ENEC / EAC / CQC / RCM ¹³⁾ | Acc. to IEC 61347-1/Acc. to IEC 61347-2-13/Acc. to IEC 62384/Acc. to CISPR 15/Acc. to IEC 61000-3-2/Acc. to IEC 61000-3-3/Acc. to IEC 61547 | IP20 | II |
| OT FIT 40/220-240/1A0 CS T-G | CE / ENEC / EAC / CQC / RCM ¹³⁾ | Acc. to IEC 61347-1/Acc. to IEC 61347-2-13/Acc. to IEC 62384/Acc. to CISPR 15/Acc. to IEC 61000-3-2/Acc. to IEC 61000-3-3/Acc. to IEC 61547 | IP20 | II |
| OT FIT 40/220-240/1A0 CS T-W | CE / ENEC / EAC / CQC / RCM ¹³⁾ | Acc. to IEC 61347-1/Acc. to IEC 61347-2-13/Acc. to IEC 62384/Acc. to CISPR 15/Acc. to IEC 61000-3-2/Acc. to IEC 61000-3-3/Acc. to IEC 61547 | IP20 | II |

Product family datasheet

| Product description | Logistical data | Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) | | |
|------------------------------|-----------------|---|----------------------------|----------------------------|
| | Commodity code | Date of Declaration | Primary Article Identifier | Candidate List Substance 1 |
| OT FIT 20/220-240/500 CS T-B | 850440839000 | 19-05-2023 | 4052899617230 | Lead |
| OT FIT 20/220-240/500 CS T-G | 850440839000 | 19-04-2023 | 4062172131773 | Lead |
| OT FIT 20/220-240/500 CS T-W | 850440839000 | 25-05-2023 | 4062172131759 | Lead |
| OT FIT 30/220-240/800 CS T-B | 850440839000 | 19-05-2023 | 4052899617247 | Lead |
| OT FIT 30/220-240/800 CS T-G | 850440839000 | 19-05-2023 | 4062172131810 | Lead |
| OT FIT 30/220-240/800 CS T-W | 850440839000 | 19-05-2023 | 4062172131797 | Lead |
| OT FIT 40/220-240/1A0 CS T-B | 850440839000 | 25-05-2023 | 4052899617254 | Lead |
| OT FIT 40/220-240/1A0 CS T-G | 850440839000 | 25-05-2023 | 4062172131858 | Lead |
| OT FIT 40/220-240/1A0 CS T-W | 850440839000 | 19-05-2023 | 4062172131834 | Lead |

| Product description | CAS No. of substance 1 | Safe Use Instruction | Declaration No. in SCIP database |
|------------------------------|------------------------|--|--------------------------------------|
| OT FIT 20/220-240/500 CS T-B | 7439-92-1 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | c06d8145-d1e7-4f76-a928-c70eae2705bb |
| OT FIT 20/220-240/500 CS T-G | 7439-92-1 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 61c5bb22-698f-4f6a-b269-b8d49d18a052 |
| OT FIT 20/220-240/500 CS T-W | 7439-92-1 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | eae7fe85-3692-449a-ab39-d733c3ed3734 |
| OT FIT 30/220-240/800 CS T-B | 7439-92-1 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 5dab5d92-4b49-4f94-98c7-032b6bd33659 |
| OT FIT 30/220-240/800 CS T-G | 7439-92-1 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | cedf1ac5-70a7-498c-9428-6eb6450678f2 |
| OT FIT 30/220-240/800 CS T-W | 7439-92-1 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 41eb59b7-fae3-4f86-875b-2927bb19b5ec |

Product family datasheet

| Product description | CAS No. of substance 1 | Safe Use Instruction | Declaration No. in SCIP database |
|------------------------------|---------------------------|--|--------------------------------------|
| OT FIT 40/220-240/1A0 CS T-B | 7439-92-1 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | d8a0cff2-d98d-4a52-a39f-a2b50ba4cd57 |
| OT FIT 40/220-240/1A0 CS T-G | 7439-92-1 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 0642b690-a9bc-4fe0-9862-69362f2f9dc9 |
| OT FIT 40/220-240/1A0 CS T-W | 7439-92-1 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | af03b908-4c08-4bec-bce4-aa6fd3eaf35d |

1) Full load, 230V, 50 Hz

2) Full load at 230 V/50 Hz

3) at 230 V, 50 Hz

4) At 230 V, Input power 24.7 W max.

5) $t_{\text{width}} = 200 \mu\text{s}$ (measured at 50 % I_{peak})

6) Ripple / average @ 100 Hz

7) Measured on tc point indicated of the product label.

8) Cool down before operating

9) Non-condensing

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

11) The compatibility may become invalid when the critical track dimension is modified by the brand owner in case of engineering change or optimization in the future

12) Output wires must be routed as close as possible to each other

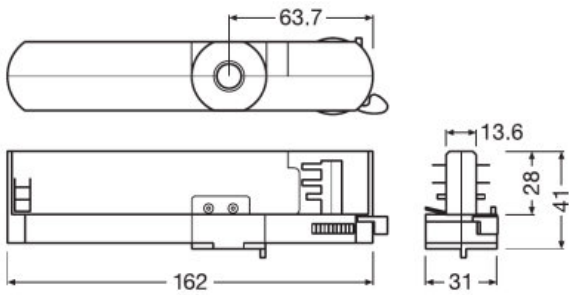
13) In preparation

14) Solid or flexible leads

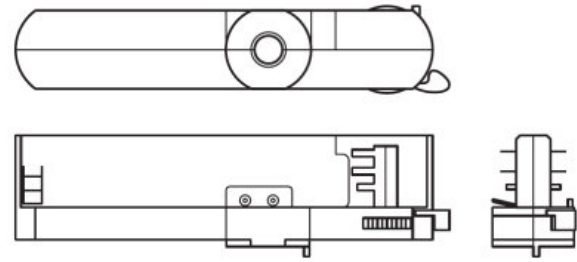
15) At 230V, Input power 38 W max.

16) At 230 V, Input power 49.6 W max.

Product family datasheet



line drawing of OT FTI 20 30 40 T



line drawing of OT FTI 20 30 40 T






Application advice

For more detailed application information and graphics please see product datasheet.

Sales and Technical Support

Sales and Technical Support www.osram.com

Download Data

| File | |
|---|---|
|  | User instruction OPTOTRONIC LED Power Supply |
|  | Certificates OT FIT CS T ENEC 35 112153 180423 |
|  | Declarations of conformity OT FIT CS T CE 4177698 220322 |
|  | Declarations of conformity OT FIT CS T UK DoC 4281105 220322 |
|  | CAD data OT FIT 20 30 40 CS T STEP 210521 |

Product family datasheet

Ecodesign regulation information:

Intended for use with LED modules.

The forward voltage of the LED light source shall be within the defined operating window of the control gear in all operating conditions including dimming if applicable.

Separate control gear and light sources must be disposed of at certified disposal companies in accordance with Directive 2012/19/EU (WEEE) in the EU and with Waste Electrical and Electronic Equipment (WEEE) Regulations 2013 in the UK. For this purpose, collection points for recycling centres and take-back systems (CRSO) are available from retailers or private disposal companies, which accept separate control gear and light sources free of charge. In this way, raw materials are conserved and materials are recycled.

Logistical Data

| Product code | Product description | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume | Gross weight |
|---------------|---------------------------------|------------------------------|--------------------------------------|-----------------------|--------------|
| 4052899617230 | OT FIT 20/220-240/500 CS T-B | Shipping carton box 20 | 425 mm x 241 mm x 141 mm | 14.44 dm ³ | 2547.00 g |
| 4062172131773 | OT FIT 20/220-240/500 CS T-G | Shipping carton box 20 | 425 mm x 241 mm x 141 mm | 14.44 dm ³ | 1443.00 g |
| 4062172131759 | OT FIT 20/220-240/500 CS T-W | Shipping carton box 20 | 425 mm x 241 mm x 141 mm | 14.44 dm ³ | 2547.00 g |
| 4052899617247 | OT FIT 30/220-240/800 CS T-B | Shipping carton box 20 | 425 mm x 241 mm x 141 mm | 14.44 dm ³ | 2947.00 g |
| 4062172131810 | OT FIT 30/220-240/800 CS T-G | Shipping carton box 20 | 425 mm x 241 mm x 141 mm | 14.44 dm ³ | 2947.00 g |
| 4062172131797 | OT FIT 30/220-240/800 CS T-W | Shipping carton box 20 | 425 mm x 241 mm x 141 mm | 14.44 dm ³ | 2947.00 g |
| 4052899617254 | OT FIT 40/220-240/1A0 CS T-B | Shipping carton box 20 | 425 mm x 241 mm x 141 mm | 14.44 dm ³ | 2947.00 g |
| 4062172131858 | OT FIT 40/220-240/1A0 CS T-G | Shipping carton box 20 | 425 mm x 241 mm x 141 mm | 14.44 dm ³ | 2947.00 g |
| 4062172131834 | OT FIT 40/220-240/1A0 CS T-W | Shipping carton box 20 | 425 mm x 241 mm x 141 mm | 14.44 dm ³ | 2947.00 g |

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.

Accessories Optional

| Product description | Accessory name | Accessory code |
|------------------------------|----------------|-----------------|
| OT FIT 20/220-240/500 CS T-B | Track Joint | ▶ 4062172228183 |
| OT FIT 20/220-240/500 CS T-B | BLACK RING | ▶ 4062172138567 |
| OT FIT 20/220-240/500 CS T-G | Track Joint | ▶ 4062172228183 |

Product family datasheet

| | | |
|------------------------------|-------------|-----------------|
| OT FIT 20/220-240/500 CS T-G | GREY RING | ▶ 4062172138543 |
| OT FIT 20/220-240/500 CS T-W | Track Joint | ▶ 4062172228183 |
| OT FIT 20/220-240/500 CS T-W | WHITE RING | ▶ 4062172138550 |
| OT FIT 30/220-240/800 CS T-B | Track Joint | ▶ 4062172228183 |
| OT FIT 30/220-240/800 CS T-B | BLACK RING | ▶ 4062172138567 |
| OT FIT 30/220-240/800 CS T-G | Track Joint | ▶ 4062172228183 |
| OT FIT 30/220-240/800 CS T-G | GREY RING | ▶ 4062172138543 |
| OT FIT 30/220-240/800 CS T-W | Track Joint | ▶ 4062172228183 |
| OT FIT 30/220-240/800 CS T-W | WHITE RING | ▶ 4062172138550 |
| OT FIT 40/220-240/1A0 CS T-B | Track Joint | ▶ 4062172228183 |
| OT FIT 40/220-240/1A0 CS T-B | BLACK RING | ▶ 4062172138567 |
| OT FIT 40/220-240/1A0 CS T-G | Track Joint | ▶ 4062172228183 |
| OT FIT 40/220-240/1A0 CS T-G | GREY RING | ▶ 4062172138543 |
| OT FIT 40/220-240/1A0 CS T-W | Track Joint | ▶ 4062172228183 |
| OT FIT 40/220-240/1A0 CS T-W | WHITE RING | ▶ 4062172138550 |

Disclaimer

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