

## ICUTRONIC IT FIT CS L (SELV)

Linear / Area icke dimbar AC-modul



### Produktfördelar

- Flexible with 1 driver offers 4 output currents
- High quality light with very low ripple
- Very high efficiency up to 87%
- Enable slim fixture design with flat 21 mm height metal housing
- Long lasting and high reliability
- SELV driver

### Produktegenskaper

- Output current up to 1600 mA
- Output power up to 75 W
- Low THD <15% @ full load
- Input voltage: 220 – 240 VAC
- Ambient temp range ta: -25 to +50 °C
- Wide output voltage range
- Low LF-ripple < 5%
- Very high efficiency up to 87%
- Fixed output (no dimming)
- 5 years guarantee\*

Tekniska data

Elektriska data

| Produktbeskrivning           | Nominell<br>inspänning                             | Nätfrekven<br>s                                    | Inspänning AC                                      | Current set                   | Effektfaktor λ                                     |                                                    |
|------------------------------|----------------------------------------------------|----------------------------------------------------|----------------------------------------------------|-------------------------------|----------------------------------------------------|----------------------------------------------------|
| IT FIT 18/220...240/350 CS L | 220...240 V                                        | 50/60 Hz                                           | 198...264 V                                        | DipSwitch                     | 0,77C,,,0,98                                       |                                                    |
| IT FIT 40/220...240/800 CS L | 220...240 V                                        | 50/60 Hz                                           | 198...264 V                                        | DipSwitch                     | 077C098                                            |                                                    |
| IT FIT 60/220...240/1A2 CS L | 220...240 V                                        | 50/60 Hz                                           | 198...264 V                                        | DipSwitch                     | 0,83C...0,98                                       |                                                    |
| IT FIT 75/220...240/1A6 CS L | 220...240 V                                        | 50/60 Hz                                           | 198...264 V                                        | DipSwitch                     | 0,94C...0,98                                       |                                                    |
| Produktbeskrivning           | Efficiency in full-load                            |                                                    | Förlusteffe<br>kt                                  | IP<br>Inkoppling<br>sström    | Max antal HF-<br>don på<br>säkringsaut<br>10 A (B) | Max antal HF-<br>don på<br>säkringsaut<br>10 A (B) |
| IT FIT 18/220...240/350 CS L | 84 % <sup>1)</sup>                                 |                                                    | 3.15 W <sup>2)</sup>                               | 11.6 A <sup>3)</sup>          | 45                                                 | 71                                                 |
| IT FIT 40/220...240/800 CS L | 86 % <sup>1)</sup>                                 |                                                    | 6.17 W                                             | 13.6 A <sup>3)</sup>          | 20                                                 | 32                                                 |
| IT FIT 60/220...240/1A2 CS L | 87 % <sup>1)</sup>                                 |                                                    | 8.35 W <sup>5)</sup>                               | 13.6 A <sup>3)</sup>          | 15                                                 | 23                                                 |
| IT FIT 75/220...240/1A6 CS L | 88 % <sup>1)</sup>                                 |                                                    | 9.77 W                                             | 19.8 A <sup>3)</sup>          | 12                                                 | 18                                                 |
| Produktbeskrivning           | Max antal HF-<br>don på<br>säkringsaut<br>16 A (B) | Max antal HF-<br>don på<br>säkringsaut<br>16 A (B) | Max antal HF-<br>don på<br>säkringsaut<br>25 A (B) | Spänningstopp<br>(ström/jord) | Spänningstopp<br>(fas/neutral)                     |                                                    |
| IT FIT 18/220...240/350 CS L | 73                                                 | 113                                                | -                                                  | 2 kV                          | 1 kV                                               |                                                    |
| IT FIT 40/220...240/800 CS L | 33                                                 | 51                                                 | -                                                  | 2 kV                          | 1 kV                                               |                                                    |
| IT FIT 60/220...240/1A2 CS L | 23                                                 | 36                                                 | -                                                  | 2 kV                          | 1 kV                                               |                                                    |
| IT FIT 75/220...240/1A6 CS L | 19                                                 | 29                                                 | -                                                  | 2 kV                          | 1 kV                                               |                                                    |
| Produktbeskrivning           | Nominell<br>utspänning                             | Nominell<br>utström                                | Utgångs rippelström (100<br>Hz)                    | Output PSTLM                  |                                                    |                                                    |
| IT FIT 18/220...240/350 CS L | 23...54 V                                          | 200 / 250 /<br>300 / 350 mA<br><sup>4)</sup>       | < 5 %                                              | ≤1                            |                                                    |                                                    |
| IT FIT 40/220...240/800 CS L | 23...54 V                                          | 500 / 600 /<br>700 / 800 mA<br><sup>4)</sup>       | < 5 %                                              | ≤1                            |                                                    |                                                    |
| IT FIT 60/220...240/1A2 CS L | 23...54 V                                          | 900 / 1050 /<br>1100 / 1200<br>mA <sup>4)</sup>    | < 5 %                                              | ≤1                            |                                                    |                                                    |
| IT FIT 75/220...240/1A6 CS L | 23...54 V                                          | 1300 / 1400 /<br>1500 / 1600<br>mA <sup>4)</sup>   | < 5 %                                              | ≤1                            |                                                    |                                                    |
| Produktbeskrivning           | Output SVM                                         | Nominell<br>uteffekt                               | Maximal uteffekt                                   | Utgångsström<br>stolerans     |                                                    |                                                    |
| IT FIT 18/220...240/350 CS L | ≤0.4                                               | 4.6...18.9<br>W                                    | 18.9 W                                             | ±7.5 %                        |                                                    |                                                    |
| IT FIT 40/220...240/800 CS L | ≤0.4                                               | 11.5...43.2<br>W                                   | 43.2 W                                             | ±7.5 %                        |                                                    |                                                    |
| IT FIT 60/220...240/1A2 CS L | ≤0.4                                               | 20.7...61.2<br>W                                   | 61.2 W                                             | ±7.5 %                        |                                                    |                                                    |

Datablad produktfamilj

| Produktbeskrivning           | Output SVM | Nominell uteffekt | Maximal uteffekt | Utgångsström stolerans |
|------------------------------|------------|-------------------|------------------|------------------------|
| IT FIT 75/220...240/1A6 CS L | ≤0.4       | 29.9-76.8 W       | 76.8 W           | ±7.5 %                 |

| Produktbeskrivning           | Total övertonshalt | U-OUT (arbetsspänning) | Default output current |
|------------------------------|--------------------|------------------------|------------------------|
| IT FIT 18/220...240/350 CS L | < 15 %             | < 60 V                 |                        |
| IT FIT 40/220...240/800 CS L | < 15 %             | < 60 V                 |                        |
| IT FIT 60/220...240/1A2 CS L | < 15 %             | < 60 V                 |                        |
| IT FIT 75/220...240/1A6 CS L | < 15 %             | < 60 V                 | 1600 mA                |

1) at 230 V, 50 Hz  
2) At 230 V, Input power 22 W max.  
3)  $t_{width} = 220 \mu s$  typical (measured at 50 %  $I_{peak}$ )  
4) ±5%  
5) At 230 V, Input power 47 W max

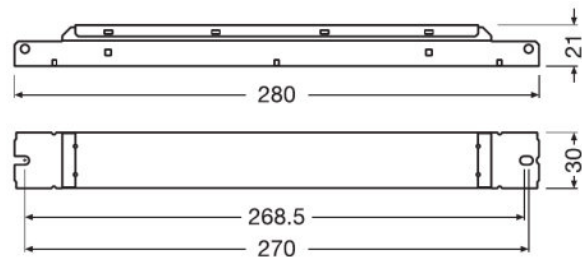
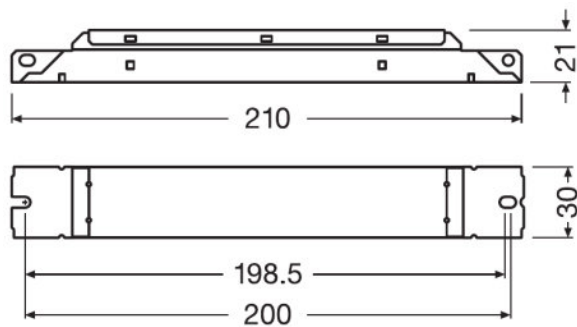
Mått

| Produktbeskrivning           | Hålavstånd längd | produktvikt | Ledningsarea ingångsida                   | Ledningsarea utgångsida                   | Avisoleringslängd på primärsidan |
|------------------------------|------------------|-------------|-------------------------------------------|-------------------------------------------|----------------------------------|
| IT FIT 18/220...240/350 CS L | 200,0 mm         | 110,00 g    | 0,5...1,5 / 0,75...1,5 mm <sup>2 1)</sup> | 0,5...1,5 / 0,75...1,5 mm <sup>2 1)</sup> | 7...8 mm                         |
| IT FIT 40/220...240/800 CS L | 200,0 mm         | 12250 g     | 0,5...1,5 / 0,75...1,5 mm <sup>2 1)</sup> | 0,5...1,5 / 0,75...1,5 mm <sup>2 1)</sup> | 7...8 mm                         |
| IT FIT 60/220...240/1A2 CS L | 200,0 mm         | 139,50 g    | 0,5...1,5 / 0,75...1,5 mm <sup>2 1)</sup> | 0,5...1,5 / 0,75...1,5 mm <sup>2 1)</sup> | 7...8 mm                         |
| IT FIT 75/220...240/1A6 CS L | 270,0 mm         | 192,50 g    | 0,5...1,5 / 0,75...1,5 mm <sup>2 1)</sup> | 0,5...1,5 / 0,75...1,5 mm <sup>2 1)</sup> | 7...8 mm                         |

| Produktbeskrivning           | Längd    | Höjd    | Bredd   | Avisoleringslängd på sekundärsidan |
|------------------------------|----------|---------|---------|------------------------------------|
| IT FIT 18/220...240/350 CS L | 210,0 mm | 21,0 mm | 30,0 mm | 7...8 mm                           |
| IT FIT 40/220...240/800 CS L | 2100 mm  | 210 mm  | 300 mm  | 7...8 mm                           |
| IT FIT 60/220...240/1A2 CS L | 210,0 mm | 21,0 mm | 30,0 mm | 7...8 mm                           |
| IT FIT 75/220...240/1A6 CS L | 280,0 mm | 21,0 mm | 30,0 mm | 7...8 mm                           |

1) Solid/ Flexible Leads

Produktskiss med nummer



IT FIT 18/220...240/350 CS L, IT FIT 40/220...240/800 CS L,  
IT FIT 60/220...240/1A2 CS L

IT FIT 75/220...240/1A6 CS L

Färger & Material

| Produktbeskrivning           | Inkapslingsmaterial |
|------------------------------|---------------------|
| IT FIT 18/220...240/350 CS L | Metal               |
| IT FIT 40/220...240/800 CS L | Metal               |
| IT FIT 60/220...240/1A2 CS L | Metal               |
| IT FIT 75/220...240/1A6 CS L | Metal               |

Temperaturer och driftsförhållanden

| Produktbeskrivning           | Omgivningstemperaturområde              | Maximal temperatur vid tc testpunkt | Maximal höljestemperatur vid fel | Förvaringstemperatur |
|------------------------------|-----------------------------------------|-------------------------------------|----------------------------------|----------------------|
| IT FIT 18/220...240/350 CS L | -25...+50 °C                            | 75 °C                               | 110 °C                           | -25...80 °C          |
| IT FIT 40/220...240/800 CS L | -25...+50 °C                            | 75 °C                               | 110 °C                           | -25...80 °C          |
| IT FIT 60/220...240/1A2 CS L | -25...+50 °C                            | 75 °C                               | 110 °C                           | -25...80 °C          |
| IT FIT 75/220...240/1A6 CS L | -25...+50 °C                            | 75 °C                               | 110 °C                           | -25...80 °C          |
| Produktbeskrivning           | Tillåten rel. luftfuktighet under drift |                                     |                                  |                      |
| IT FIT 18/220...240/350 CS L | 5...85 % <sup>1)</sup>                  |                                     |                                  |                      |
| IT FIT 40/220...240/800 CS L | 5...85 % <sup>1)</sup>                  |                                     |                                  |                      |

Datablad produktfamilj

| Produktbeskrivning           | Tillåten rel. luftfuktighet under drift |
|------------------------------|-----------------------------------------|
| IT FIT 60/220...240/1A2 CS L | 5...85 % <sup>1)</sup>                  |
| IT FIT 75/220...240/1A6 CS L | 5...85 % <sup>1)</sup>                  |

<sup>1)</sup> Maximum 56 days/year at 85 %

Livslängder

| Produktbeskrivning           | Hf-don livslängd               |
|------------------------------|--------------------------------|
| IT FIT 18/220...240/350 CS L | 50000 / 100000 h <sup>1)</sup> |
| IT FIT 40/220...240/800 CS L | 50000 / 100000 h <sup>1)</sup> |
| IT FIT 60/220...240/1A2 CS L | 50000 / 100000 h <sup>1)</sup> |
| IT FIT 75/220...240/1A6 CS L | 50000 / 100000 h <sup>1)</sup> |

<sup>1)</sup> At T<sub>c</sub> = 75°C / 10% failure rate / At T<sub>c</sub> = 65°C / 10% failure rate

Tillägg produktdata

| Produktbeskrivning           | Inkapslad | Produkten ersätts av EAN |
|------------------------------|-----------|--------------------------|
| IT FIT 18/220...240/350 CS L | Nej       | 4052899617421            |
| IT FIT 40/220...240/800 CS L | Nej       | 4052899617438            |
| IT FIT 60/220...240/1A2 CS L | Nej       | 4052899617445            |
| IT FIT 75/220...240/1A6 CS L | Nej       | 4052899617452            |

Användningsområden

| Produktbeskrivning           | Ljusreglerbar | Överhettningsskydd                        | Överlastskydd                             |
|------------------------------|---------------|-------------------------------------------|-------------------------------------------|
| IT FIT 18/220...240/350 CS L | Nej           | Automatisk avstängning, återställningsbar | Automatisk avstängning, återställningsbar |
| IT FIT 40/220...240/800 CS L | Nej           | Automatisk avstängning, återställningsbar | Automatisk avstängning, återställningsbar |
| IT FIT 60/220...240/1A2 CS L | Nej           | Automatisk avstängning, återställningsbar | Automatisk avstängning, återställningsbar |
| IT FIT 75/220...240/1A6 CS L | Nej           | Automatisk avstängning, återställningsbar | Automatisk avstängning, återställningsbar |

| Produktbeskrivning           | Kortslutningsskydd                        | Kan drivas utan belastning | Intended for no-load operation | Max. kabellängd till lampa / LED-modul |
|------------------------------|-------------------------------------------|----------------------------|--------------------------------|----------------------------------------|
| IT FIT 18/220...240/350 CS L | Automatisk avstängning, återställningsbar | Ja                         | Nej                            | 2,0 m <sup>1)</sup>                    |
| IT FIT 40/220...240/800 CS L | Automatisk avstängning, återställningsbar | Ja                         | Nej                            | 2,0 m <sup>1)</sup>                    |
| IT FIT 60/220...240/1A2 CS L | Automatisk avstängning, återställningsbar | Ja                         | Nej                            | 2,0 m <sup>1)</sup>                    |

Datablad produktfamilj

| Produktbeskrivning           | Kortslutningsskydd                        | Kan drivas utan belastning | Intended for no-load operation | Max. kabellängd till lampa / LED-modul |
|------------------------------|-------------------------------------------|----------------------------|--------------------------------|----------------------------------------|
| IT FIT 75/220...240/1A6 CS L | Automatisk avstängning, återställningsbar | Ja                         | Nej                            | 2,0 m <sup>1)</sup>                    |

| Produktbeskrivning           | Passande för armaturer med skyddsklass | Number of channels |
|------------------------------|----------------------------------------|--------------------|
| IT FIT 18/220...240/350 CS L | I / II                                 | 1                  |
| IT FIT 40/220...240/800 CS L | I / II                                 | 1                  |
| IT FIT 60/220...240/1A2 CS L | I / II                                 | 1                  |
| IT FIT 75/220...240/1A6 CS L | I / II                                 | 1                  |

<sup>1)</sup> Output wires must be routed as close as possible to each other

Certifikat och Standarder

| Produktbeskrivning           | Godkännandemärkning                                           | Standarder                                                                                        | Skyddstyp |
|------------------------------|---------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-----------|
| IT FIT 18/220...240/350 CS L | CE / ENEC / CCC / RCM / BIS / TISI / EAC / UKCA <sup>1)</sup> | enL IEC 61347-1/enL IEC 61347-2-13/enL IEC 62384/enL IEC 61000-3-2/enL IEC 61547/enL IEC 6100-4-5 | IP20      |
| IT FIT 40/220...240/800 CS L | CE / ENEC / CCC / RCM / BIS / TISI / EAC / UKCA <sup>1)</sup> | enL IEC 61347-1/enL IEC 61347-2-13/enL IEC 62384/enL IEC 61000-3-2/enL IEC 61547/enL IEC 6100-4-5 | IP20      |
| IT FIT 60/220...240/1A2 CS L | CE / ENEC / CCC / RCM / BIS / TISI / EAC / UKCA <sup>1)</sup> | enL IEC 61347-1/enL IEC 61347-2-13/enL IEC 62384/enL IEC 61000-3-2/enL IEC 61547/enL IEC 6100-4-5 | IP20      |
| IT FIT 75/220...240/1A6 CS L | CE / ENEC / CCC / RCM / BIS / TISI / EAC / UKCA               | enL IEC 61347-1/enL IEC 61347-2-13/enL IEC 62384/enL IEC 61000-3-2/enL IEC 61547/enL IEC 6100-4-5 | IP20      |

<sup>1)</sup> In preparation

Logistikdata

| Produktbeskrivning           | Statistiskt varunummer |
|------------------------------|------------------------|
| IT FIT 18/220...240/350 CS L | 85044083900            |
| IT FIT 40/220...240/800 CS L | 85044083900            |
| IT FIT 60/220...240/1A2 CS L | 85044083900            |
| IT FIT 75/220...240/1A6 CS L | 85044083900            |

Environmental information  
Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)

| Produktbeskrivning           | Date of Declaration | Primary Article Identifier | Candidate List Substance 1 |
|------------------------------|---------------------|----------------------------|----------------------------|
| IT FIT 18/220...240/350 CS L | 21-11-2023          | 4062172212663              | Lead                       |
| IT FIT 40/220...240/800 CS L | 21-11-2023          | 4062172212700              | Lead                       |
| IT FIT 60/220...240/1A2 CS L | 21-11-2023          | 4062172212724              | Lead                       |
| IT FIT 75/220...240/1A6 CS L | 21-11-2023          | 4062172212762              | Lead                       |

| Produktbeskrivning           | CAS No. of substance 1 | Safe Use Instruction                                                                               | Declaration No. in SCIP database     |
|------------------------------|------------------------|----------------------------------------------------------------------------------------------------|--------------------------------------|
| IT FIT 18/220...240/350 CS L | 7439-92-1              | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 86d9a093-d83f-42dd-b323-baa9d78b8080 |
| IT FIT 40/220...240/800 CS L | 7439-92-1              | The identification of the Candidate List substance is sufficient to allow safe use of the article. | f16eac36-f382-4214-8324-958bae65034f |
| IT FIT 60/220...240/1A2 CS L | 7439-92-1              | The identification of the Candidate List substance is sufficient to allow safe use of the article. | af75408d-f894-4804-a4d3-c377606225b3 |
| IT FIT 75/220...240/1A6 CS L | 7439-92-1              | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 55750f64-2217-4efc-b6e8-24e493081c30 |

Appliktionsråd

För mer detaljerad applikationsinformation och grafik, vänligen se produktdatablad

Försäljning och teknisk support

Försäljning och teknisk support [www.osram.se](http://www.osram.se)

Download

| Dokument                                                                            |                                                  |
|-------------------------------------------------------------------------------------|--------------------------------------------------|
|  | Certifikat<br>IT FIT CS L DEKRA 35 117749 080321 |
|  | Certifikat<br>IT FIT CS L CB NL 71241 080321     |
|  | Certifikat<br>IT FIT CS L CB NL 100907 231023    |

Datablad produktfamilj

|                                                                                   |                                                              |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------|
|  | Certifikat<br>IT FIT CS L DEKRA 35 120271 201123             |
|  | Certifikat<br>IT FIT 18 CS L CCC 2020171002003122 201123     |
|  | Konformitetsdeklaration<br>IT FIT CS L CE 4205372 161023     |
|  | Konformitetsdeklaration<br>IT FIT CS L UK DoC 4281081 040923 |
|  | Certifikat<br>IT FIT 40 60 CS L CCC 2020171002003126 201123  |
|  | Certifikat<br>IT FIT 75 CS L CCC 2020171002003127 201123     |

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.

Logistiska data

| Produktnummer | Produktbeskrivning           | Förpackningsenhet (Styck/Enhet) | Dimensioner (längd x bredd x höjd) | Volym                | Bruttovikt |
|---------------|------------------------------|---------------------------------|------------------------------------|----------------------|------------|
| 4062172212663 | IT FIT 18/220...240/350 CS L | Transportförpackning 20         | 237 mm x 162 mm x 130 mm           | 4.99 dm <sup>3</sup> | 2509.00 g  |
| 4062172212700 | IT FIT 40/220...240/800 CS L | Transportförpackning 20         | 237 mm x 162 mm x 130 mm           | 4.99 dm <sup>3</sup> | 2759.00 g  |
| 4062172212724 | IT FIT 60/220...240/1A2 CS L | Transportförpackning 20         | 237 mm x 162 mm x 130 mm           | 4.99 dm <sup>3</sup> | 3099.00 g  |
| 4062172212762 | IT FIT 75/220...240/1A6 CS L | Transportförpackning 20         | 307 mm x 162 mm x 130 mm           | 6.47 dm <sup>3</sup> | 4215.00 g  |

Produktkoden gäller minsta tillåtna beställningskvantitet. En transportförpackning kan innehålla en eller flera produkter. Vid orderläggning, vänligen ange en eller flera transportförpackningar.

Referenser / Länkar

\* For more information on the multi-level guarantee and the terms and conditions of the guarantee visit <https://>

## Datablad produktfamilj

► [www.inventronics-light.com/multilevel-guarantees](http://www.inventronics-light.com/multilevel-guarantees)

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### Friskrivningsklausul

Kan ändras utan föregående notifiering. Felaktigheter och försummelse undantagna. Se alltid till att använda den senaste utgåvan.