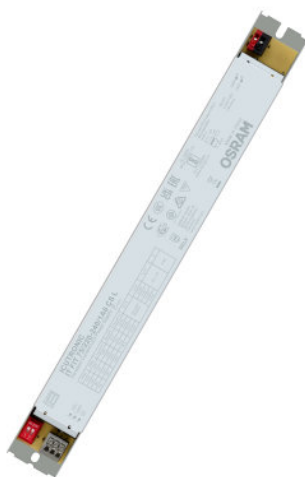


## IT FIT 75/220...240/1A6 CS L

ICUTRONIC IT FIT CS L (SELV) | Linear / Area icke dimbar AC-modul



### 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\*

### 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

Tekniska data

Elektriska data

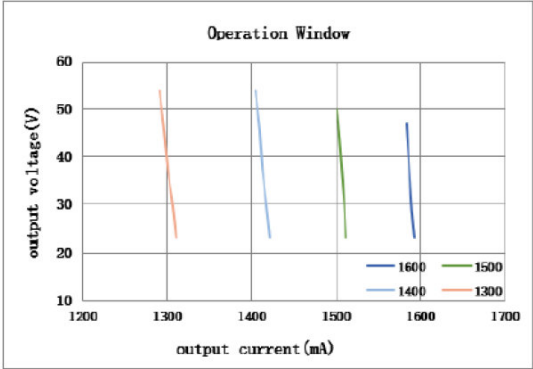
|                                          |                                            |
|------------------------------------------|--------------------------------------------|
| Nominell inspänning                      | 220...240 V                                |
| Nätfrekvens                              | 50/60 Hz                                   |
| Inspänning AC                            | 198...264 V                                |
| Current set                              | DipSwitch                                  |
| Effektfaktor $\lambda$                   | 0,94C...0,98                               |
| Efficiency in full-load                  | 88 % <sup>1)</sup>                         |
| Förlusteffekt                            | 9.77 W                                     |
| IP Inkopplingsström                      | 19.8 A <sup>2)</sup>                       |
| Max antal HF-don på säkringsaut 10 A (B) | 12                                         |
| Max antal HF-don på säkringsaut 10 A (B) | 18                                         |
| Max antal HF-don på säkringsaut 16 A (B) | 19                                         |
| Max antal HF-don på säkringsaut 16 A (B) | 29                                         |
| Max antal HF-don på säkringsaut 25 A (B) | -                                          |
| Spänningstopp (ström/jord)               | 2 kV                                       |
| Spänningstopp (fas/neutral)              | 1 kV                                       |
| Nominell utspänning                      | 23...54 V                                  |
| Nominell utström                         | 1300 / 1400 / 1500 / 1600 mA <sup>3)</sup> |
| Utgångs rippelström (100 Hz)             | < 5 %                                      |
| Output PSTLM                             | ≤1                                         |
| Output SVM                               | ≤0.4                                       |
| Nominell uteffekt                        | 29.9-76.8 W                                |
| Maximal uteffekt                         | 76.8 W                                     |
| U-OUT (arbetsspänning)                   | < 60 V                                     |
| Total övertonshalt                       | < 15 %                                     |
| Utgångsströmstolerans                    | ±7.5 %                                     |
| Default output current                   | 1600 mA                                    |

1) at 230 V, 50 Hz

2)  $t_{width} = 220 \mu s$  typical (measured at 50 %  $I_{peak}$ )

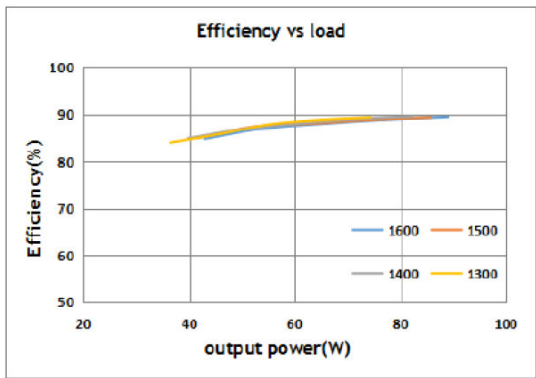
3) ±5%

Typical Operating window



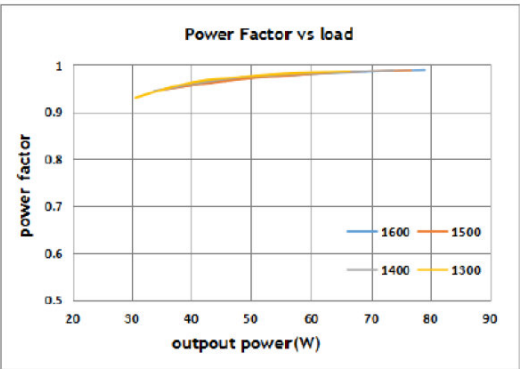
IT FIT 75220-2401A6 CS L

Typical Efficiency vs load



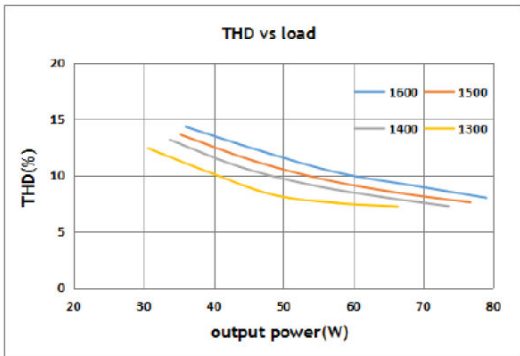
IT FIT 75220-2401A6 CS L

Typical Power factor vs load



IT FIT 75220-2401A6 CS L

Typical THD vs load



IT FIT 75220-2401A6 CS L

Mått



|                                    |                                           |
|------------------------------------|-------------------------------------------|
| Hålavstånd längd                   | 270,0 mm                                  |
| produktvikt                        | 192,50 g                                  |
| Ledningsarea ingångsida            | 0,5...1,5 / 0,75...1,5 mm <sup>2 1)</sup> |
| Ledningsarea utgångsida            | 0,5...1,5 / 0,75...1,5 mm <sup>2 1)</sup> |
| Avisoleringslängd på primärsidan   | 7...8 mm                                  |
| Avisoleringslängd på sekundärsidan | 7...8 mm                                  |
| Längd                              | 280,0 mm                                  |
| Bredd                              | 30,0 mm                                   |
| Höjd                               | 21,0 mm                                   |

<sup>1)</sup> Solid/ Flexible Leads

Färger & Material

|                     |       |
|---------------------|-------|
| Inkapslingsmaterial | Metal |
|---------------------|-------|

Temperaturer och driftsförhållanden

|                                         |                        |
|-----------------------------------------|------------------------|
| Omgivningstemperaturområde              | -25...+50 °C           |
| Maximal temperatur vid tc testpunkt     | 75 °C                  |
| Maximal höljestemperatur vid fel        | 110 °C                 |
| Förvaringstemperatur                    | -25...80 °C            |
| Tillåten rel. luftfuktighet under drift | 5...85 % <sup>1)</sup> |

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

Livslängder

|                  |                                |
|------------------|--------------------------------|
| Hf-don livslängd | 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

|           |     |
|-----------|-----|
| Inkapslad | Nej |
|-----------|-----|

|                          |               |
|--------------------------|---------------|
| Produkten ersätts av EAN | 4052899617452 |
|--------------------------|---------------|

Användningsområden

|                                        |                                           |
|----------------------------------------|-------------------------------------------|
| Ljusreglerbar                          | Nej                                       |
| Överhettningsskydd                     | Automatisk avstängning, återställningsbar |
| Överlastskydd                          | Automatisk avstängning, återställningsbar |
| Kortslutningsskydd                     | Automatisk avstängning, återställningsbar |
| Kan drivas utan belastning             | Ja                                        |
| Intended for no-load operation         | Nej                                       |
| Max. kabellängd till lampa / LED-modul | 2,0 m <sup>1)</sup>                       |
| Passande för armaturer med skyddsklass | I / II                                    |
| Control interface                      | -                                         |
| Number of channels                     | 1                                         |

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

Programming

|              |     |
|--------------|-----|
| Tuner4TRONIC | Nej |
|--------------|-----|

Certifikat och Standarder

|                     |                                                                                                   |
|---------------------|---------------------------------------------------------------------------------------------------|
| Godkännandemärkning | CE / ENEC / CCC / RCM / BIS / TISI / EAC / UKCA                                                   |
| Standarder          | 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 |
| Skyddstyp           | IP20                                                                                              |

Logistikdata

|                        |             |
|------------------------|-------------|
| Statistiskt varunummer | 85044083900 |
|------------------------|-------------|

Environmental information

|                                                                       |                                                                                                    |
|-----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) |                                                                                                    |
| Date of Declaration                                                   | 21-11-2023                                                                                         |
| Primary Article Identifier                                            | 4062172212762                                                                                      |
| Candidate List Substance 1                                            | Lead                                                                                               |
| CAS No. of substance 1                                                | 7439-92-1                                                                                          |
| Safe Use Instruction                                                  | The identification of the Candidate List substance is sufficient to allow safe use of the article. |
| Declaration No. in SCIP database                                      | 55750f64-2217-4efc-b6e8-24e493081c30                                                               |

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

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 |
|---------------|------------------------------|---------------------------------|------------------------------------|----------------------|------------|
| 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://>

## Produktdatablad

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

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### Friskrivningsklausul

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