

PRODUCT DATASHEET

IT FIT 18/220-240/350 CS L

ICUTRONIC IT FIT CS L (SELV) | Linear / Area Constant - Non dimmable



Areas of application

- Linear and area lighting
- Office, industrial and shop lighting

Product benefits

- 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

Product features

- Output current up to 1600 mA
- Output power up to 75 W
- Low THD < 15 % at full load
- Input voltage: 220 – 240 VAC
- Ambient temperature range t_a : -25...+50 °C
- Wide output voltage range
- Low LF-ripple < 5 %
- Fixed output (no dimming)
- SELV driver

– 5 years guarantee

TECHNICAL DATA

Electrical data

Nominal wattage	18.00 W
Nominal output power	4.6...18.9 W
Nominal voltage	220...240 V
Nominal output voltage	23...54 V
Input voltage AC	198...264 V
U-OUT (working voltage)	< 60 V
Nominal current	0.35 A ¹⁾
Nominal output current	200...350 mA ²⁾
Inrush current	11.6 A ³⁾
Output current tolerance	±7,5 %
Output ripple current (100 Hz)	< 5 %
Mains frequency	50...60 Hz
Total harmonic distortion	< 15 %
Power factor λ	0.98
ECG efficiency	84 % ⁴⁾
Device power loss	3.15 W ⁵⁾
Max. ECG no. on circuit breaker 10 A (B)	45
Max. ECG no. on circuit breaker 16 A (B)	73
Max. ECG no. on circuit breaker 25 A (B)	-
Surge capability (L/N-Ground)	2 kV
Surge capability (L-N)	1 kV
Galvanic isolation	SELV
Operating frequency	50/60 Hz
Flickering metric (Pst LM)	≤1

1) ± 5 %

2) ±5%

3) twidth = 220 µs typical (measured at 50 % Ipeak)

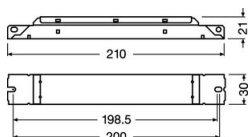
4) at 230 V, 50 Hz

5) At 230 V, Input power 22 W max.

Photometrical data

Flickering metric (Pst LM)	≤1
Stroboscope effect metric (SVM)	≤0.4

Dimensions & Weight



Length	210.00 mm
Mounting hole spacing, length	200,0 mm
Width	30.00 mm
Height	21.00 mm
Cable cross-section, input side	0.5...1.5 mm ² / 0.75...1.5 mm ² ¹⁾
Cable cross-section, output side	0.5...1.5 mm ² / 0.75...1.5 mm ² ¹⁾
Wire preparation length, input side	7.0...8.0 mm
Wire preparation length, output side	7.0...8.0 mm
Product weight	110.00 g

¹⁾ Solid/ Flexible Leads

Colors & materials

Product color	White
Casing material	Metal
Body material	Metal

Temperatures & operating conditions

Ambient temperature range	-20...+50 °C
Maximum temperature at tc test point	75 °C
Max.housing temperature in case of fault	110 °C
Permitted rel. humidity during operation	5...85 %

Lifespan

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

¹⁾ At T_c = 75°C / 10% failure rate / At T_c = 65°C / 10% failure rate

Additional product data

Encapsulated	No
--------------	----

Capabilities

Dimmable	No
Overheating protection	Automatic reversible
Overload protection	Automatic reversible

No-load proof	Yes
Short-circuit protection	Automatic reversible
Max. cable length to lamp/LED module	2,0 m
Suitable for fixtures with prot. class	I / II
Suitable for emergency lighting	No
Type of connection, output side	Push terminal






Certificates & Standards

Approval marks – approval	CE / ENEC / CCC / RCM / BIS / TISI / EAC
Standards	Acc. to EN 61347-1 / Acc. to EN 61347-2-13 / Acc. to EN 62384 / Acc. to EC 61000-3-2 / Acc. to IEC 61547 / Acc. to IEC 6100-4-5
Protection class	II
Type of protection	IP20

LOGISTICAL DATA

Temperature range at storage	-25...+80 °C
------------------------------	--------------

DOWNLOAD DATA

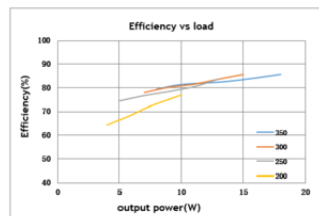
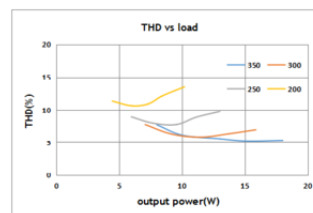
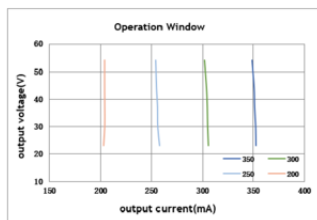
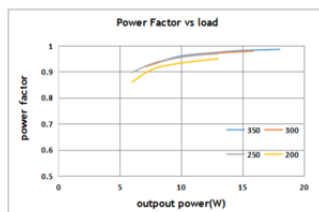
Documents and certificates		Document name
	User instruction / safety instructions	IT FIT CS L
	Declarations of conformity	IT FIT CS L
	Declarations of conformity UKCA	IT FIT CS L
	Certificates	IT FIT CS L
	Certificates	IT FIT CS L

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4062172212663	Unpacked 1	210 mm x 30 mm x 21 mm	110.00 g	0.13 dm ³
4062172212670	Shipping box 20	237 mm x 162 mm x 130 mm	2700.00 g	4.99 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.

ADDITIONAL CATALOG INFORMATION



DISCLAIMER

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