

IT DIM 40/HF LS/PD KIT (NEW)

ICUTRONIC DIM (non-isolated) Sensor KIT | Linear / Area Constant Current – Dimmable



Product family features

- Flexible with 1 driver offers 4 output currents
- Low THD <10% @ full load
- Input voltage: 220 – 240 VAC
- Ambient temp range ta: -25 to +50 °C
- Low LF-ripple < 5%
- 5 years guarantee*
- Non-isolated drivers
- HF LI Sensor (Light- and motion detection via radar)
- StepDIM function for different light levels
- Different operating modes for daylight- or motion-dependent switching selectable
- Motion detection range adjustable
- Detection height up to 6 meter

Product family benefits

- KIT including driver, HF Sensor and cabling
- Non isolated system for energy saving applications
- High quality light with very low ripple
- Very high efficiency
- Enable slim fixture design with flat 21 mm height metal housing
- Long lasting and high reliability

Areas of application

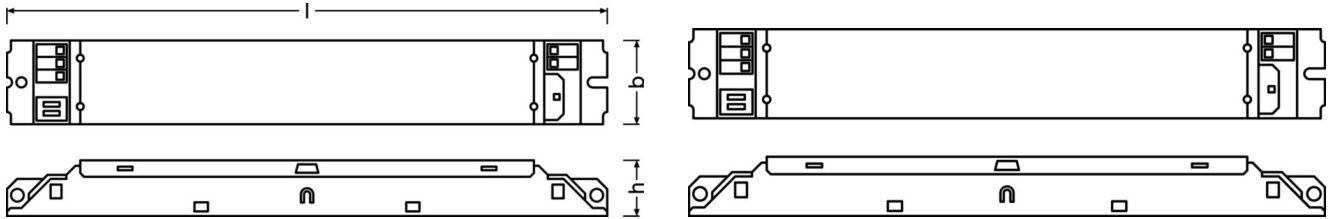
- Linear and area lighting
- Industrial, retail and parking garage lighting

Technical data

Electrical data

Max. ECG no. on circuit breaker 10 A (B)	26
Max. ECG no. on circuit breaker 16 A (B)	42
Maximum output power	42 W
Nominal output current	200 mA / 250 mA / 300 mA / 350 mA
Nominal output power	8...42 W
Nominal output voltage	40...120 V
Nominal input voltage	220...240 V
Input voltage AC	198...264 V
Device power loss	4.0 W
Efficiency in full-load	86.5 %
Inrush current	9.4 A
Power factor λ	0.98
Mains frequency	50 / 60 Hz
Surge capability (L-N)	1 kV
Surge capability (L/N-Ground)	2 kV
U-OUT (working voltage)	< 250 V
Current set	DipSwitch
Output current tolerance	± 7.5 %
Output ripple current (100 Hz)	< 5 %
Total harmonic distortion	< 10 %
Default output current	200 mA

Dimensions & weight



Product weight	128.00 g
Length	210 mm
Height	21.0 mm
Width	30.0 mm
Cable cross-section, input side	0.5...1.5 mm ²
Cable cross-section, output side	0.5...1.5 mm ²
Wire preparation length, input side	8.0...9.0 mm
Wire preparation length, output side	8.0...9.0 mm

Colors & materials

Casing material	Metal
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Temperatures & operating conditions

Ambient temperature range	-25...+50 °C
Max.housing temperature in case of fault	110 °C
Maximum temperature at tc test point	80 °C
Permitted rel. humidity during operation	5...85 % ¹⁾
Temperature range at storage	-40...+85 °C

1) Maximum 56 days/year at 85 %

Lifespan

ECG lifetime	100000 h
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Additional product data

Encapsulated	No
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Capabilities

Max. cable length to lamp/LED module	2.0 m ¹⁾
Number of channels	1
Dimmable	Yes
Dimming interface	proprietary
Dimming method	Step Dim
Dimming range	10...100 %
Overload protection	Automatic reversible
Overheating protection	Automatic reversible
Short-circuit protection	Automatic reversible
Suitable for emergency lighting	No
Suitable for fixtures with prot. class	I
Type of connection, input side	Push terminal
Type of connection, output side	Push terminal
No-load proof	Yes

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

Programming

Box programming	No
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Certificates & standards

Standards	Acc. to IEC 61347-1 / Acc. to IEC 61347-2-13 / Acc. to IEC 62384 / Acc. to IEC 61000-3-2 / Acc. to IEC 61000-3-3 / Acc. to IEC 61547
Approval marks – approval	BIS / CCC / CE / RCM / ENEC

Logistical data

Commodity code	85044083900
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Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	30-05-2024
Primary Article Identifier	4062172360265
Declaration No. in SCIP database	In work
SCIP_STATUS	In work
SCIP_ID	

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.

Download Data

File		
Product Datasheet	PDF	▶ UI LS PD LI HF Sensor technical information
Mandatory Publications	PDF	▶ IT DIM HF LS PD KIT CE 4473377 020823
Mandatory Publications	PDF	▶ IT DIM HF LS PD KIT UK DoC 4473378 220823

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4062172360265	IT DIM 40/HF LS/PD KIT	Shipping carton box 10 Pieces	287 x 237 x 101 mm	6.87 dm ³	169.30 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

Disclaimer

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