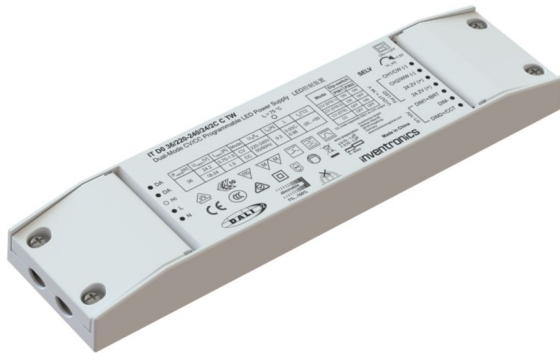


IT D0 36/220-240/24/2C C TW (NEW)

Icutronic - 24V DALI / 0-10 / PWM



Product family features

- Intelligent digital dimmer (DALI) with constant output voltage
- Multiple dimming protocols: DALI-2, 0-10V, 1-10V, PWM, RES
- Single or 2-channel (TW) output version
- 24.2 V nominal output + 1.5 V adjustable
- Touch-dim and corridor functions
- Constant current operation option

Product family benefits

- Dimming range: 0-1...100%
- DALI DT6 and DT8 operations on TW versions
- 6 kHz PWM dimming frequency

Areas of application

- Suitable for indoor installations
- Independent installation
- Cove lighting, wall washer, corridor, handrail, luminous ceilings
- Suitable for use in luminaires of protection class I and II

Technical data

Electrical data

Mains frequency	50 / 60 Hz
Input voltage AC	198...264 V
Nominal input current at 230 V	0.20 A
Total harmonic distortion	< 10 %
Power factor λ	0.98
Efficiency in full-load	87 %
Device power loss	5.1 W
Inrush current	14 A
Max. ECG no. on circuit breaker 10 A (B)	42
Max. ECG no. on circuit breaker 16 A (B)	67
Surge capability (L/N-Ground)	1 kV
Surge capability (L-N)	2 kV
Nominal output voltage	24.2 V
U-OUT (working voltage)	34 V
Output ripple current (100 Hz)	< 3 %
Output PSTLM	<1
Output SVM	<0.4
Nominal output power	36 W
Maximum output power	36 W
Galvanic isolation	SELV
Galvanic isolation DALI/mains	Basic
Galvanic isolation DALI/output	Double
Networked standby power	<0.50 W

Dimensions & weight

Length	240.0 mm
Width	60.0 mm
Height	25.0 mm
Mounting hole spacing, length	202.0 mm
Cable cross-section, input side	0.75...1.5 mm ²
Cable cross-section, output side	0.75...1.5 mm ²
Wire preparation length, input side	5.0...6.0 mm
Wire preparation length, output side	5.0...6.0 mm
Product weight	275.00 g

Colors & materials

Casing material	Plastic
Product color	White

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
Temperature range at storage	-25...85 °C
Permitted rel. humidity during operation	5...85 %

Lifespan

ECG lifetime	50000 h
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Capabilities

Programming interface	T4T
Dimmable	Yes
Dimming interface	Corridor / DALI-2 / Touch DIM
Dimming range	1...100 %
Dimming method	0-10V / 1 - 10V / DALI - 2 / PWM / RES
DALI-2 Diagnostic Data	Yes
DALI-2 Energy Data	No
Max. cable length to lamp/LED module	<3.0 m
Suitable for fixtures with prot. class	I / II
Suitable for emergency lighting	No
Type of connection, input side	Screw terminal
Type of connection, output side	Screw terminal
Suitable for through-wiring	No
Number of channels	2
Overheating protection	Automatic reversible
Overload protection	Automatic reversible
Short-circuit protection	Automatic reversible
Intended for no-load operation	No
No-load proof	Yes

Programming

Tuner4TRONIC	Yes
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Programmable features

DALI-2 Luminaire Data	No
TouchDIM + Sensor	Yes
Corridor Functionality	Yes

Certificates & standards

Approval marks – approval	CE / CCC / BIS / MM / KC / RCM / ENEC 10 - VDE
Standards	IEC/EN 61347-1 / IEC/EN 61547 / IEC/EN 55015 / IEC/EN 61347-2-13 / IEC/EN 61000-3-2 / IEC/EN 62384 / EN 61000-3-3
Type of protection	IP20

Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	05-02-2026
Primary Article Identifier	6937186142290
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	7ef05f83-00b1-40bf-aec8-c862375787b5
SCIP_ID	

Download Data

File		
Product Datasheet	PDF	▶IT D0 36 220 240 24 2C C TW TDS 210126
User instruction	PDF	▶G15131879_UI_IT_D0_36_75_150_200_2C_C_TW 210126

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
6937186142290 INVENTRONICS	IT D0 36/220-240/24/2C C TW	Shipping carton box 20 Pieces	316 x 270 x 165 mm	14.08 dm ³	314.25 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