



SDU for regulating systems

SDU 01/H 220-240V 50/60Hz

One-step dimming for easy energy savings Interface for two-level control (line-switch) of electronic gear with a 1-10 V dimming interface

Product data

General Information	
Application code	01/H
Operating and Electrical	
Input voltage	220 to 240 V
Input frequency	50 to 60 Hz
Mains voltage performance (AC)	-8%~+6%
Mains voltage safety (AC)	-10%~+10%
Wiring	
Wire strip length	6.0 mm
Ballast contact wire cross section	0.50-2.50 mm ²
Connector type	Screw
Temperature	
T ambient (max.)	60 °C
T ambient (min.)	-25 °C
T storage (max.)	90 °C
T storage (min.)	-30 °C
T-Case maximum (max.)	85 °C

Controls and Dimming	
Control interface	Control-line
Regulating level power	100%-50%
Mechanical and Housing	
Housing	STUD-89
Approval and Application	
EMI 9 kHz... 30 MHz	EN55015
EMI 30 MHz... 1,000 MHz	EN 55022 Class A
Safety standard	IEC 61347-2-11
Quality standard	ISO 9000:2000
Environmental standard	ISO 14001
Harmonic current emission standard	IEC 61000-3-2
EMC immunity standard	IEC 61547
Vibration standard	IEC68-2-6 F c
Bumps standard	IEC 68-2-29 Eb
Humidity standard	EN 61347-2-3 ca
Approval marks	CE marking ENEC certificate
Product Data	
Full product code	872790080084500

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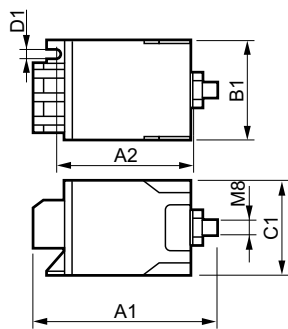
Order product name	SDU-01/H 220-240V 50/60Hz
EAN/UPC – product	8711500880802
Order code	80084500
Numerator – quantity per pack	1
Numerator – packs per outer box	20

Material no. (12NC)	913700637066
Net weight (piece)	0.041 kg

Warnings and Safety

- IMPORTANT: Electronic gear is no longer galvanically isolated when SDU is connected to the dim input

Dimensional drawing



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Product	D1	C1	A1	A2	B1
SDU-01/H 220-240V 50/60Hz	4.3 mm	38.0 mm	89.0 mm	70.0 mm	41.0 mm

