

INDUSTRIAL COMPONENT DATA

LPWAN SCU DOR2 230V EU 1427695 PHOENIX CONTACT SCU (Segment Control Unit) for lighting control based on astr..

Brand: PHOENIX CONTACT | Manufacturer Part Number: LPWAN SCU DOR2 230V EU



Manufacturer	PHOENIX CONTACT
MPN / Reference	LPWAN SCU DOR2 230V EU
Catalog number	1427695
Category	Fieldbus, decentr. periphery - communication module
Minimum order	1 Pcs
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Product Overview

SCU (Segment Control Unit) for lighting control based on astronomical calendar or event inputs, 2 independent switchable relay outputs (galvanically separated, load capacity up to 10 A), parameterizable via LoRaWAN® and USB-C, 230 V AC voltage supply. The device can be used as an alternative to existing centralized remote control technology (compatible with pins).

LPWAN SCU is optimized for the demand-driven switching and dimming of streetscapes and extends the portfolio of LoRaWAN lighting controls. Compatible with the Smart Lighting Service for outdoor light management, the LPWAN SCU controls luminaire segments. The built-in device for the street control cabinet can be installed as a replacement for ripple control devices or mounted on the DIN rail.

SCU (Segment Control Unit) for controlling lighting based on astronomical calendar or event entries, 2 independently switchable relay outputs (galvanically separated, loadable up to 10 A), parameterizable via LoRaWAN® and USB-C, 230 V power supply AC. II device can be used as an alternative to central control technology (Pin-compatible).

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path PHOENIX CONTACT > Control Systems (CST)

Additional Product Information

Technical dataArticle featuresProduct Type Radio Module

Insulation characteristics

Security class II (plastic enclosures)

Electrical characteristicsFeeding
Supply voltage range 100 V AC ... 240 V AC $\pm 10\%$

Input 0.3 W

Output Data Digital

Output Name Relay output

Number of outputs 2

Contact Switching Type Closing contact

Contact material AgNi

Max. switchable voltage 230 V $+10\%$ Max. inrush current 10 A (at 230 V AC -20% ... $+15\%$)

Connection data Conductor cross-section AWG (converted according to IEC)

Link Screw connection with cage

Stripping length 10 mm

Rigid conductor cross-section min. 0.2 mm²Solid conductor cross-section max. 6 mm²Flexible conductor cross-section min. 0.2 mm²Flexible conductor cross-section max. 6 mm²

Conductor cross-section AWG min. 24

Conductor cross-section AWG max. 10

Interfaces Radio transmitters

Maximum transmission capacity < 14 dBm

Functions

Basic functionality Control of street lighting via relays

Automatic channel selection ADR

Radio certifications bb

Country support Egypt

Albania

Andorra

Armenia

Austria

Bahrain

Bangladesh

Belarus

Belgium

Burma (Myanmar)

Bosnia/Herzegovina

Brunei Darussalam

Bulgaria

Cambodia

Croatia

Cyprus

Czech Republic

Denmark

Estonia

Finland

France

Germany

Greece
Iceland
Hungary
Iran
Italy
Laos
Latvia
Lebanon
Liechtenstein
Lithuania
Luxembourg
Macedonia
Malta
Moldova
Montenegro
Morocco
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Nigeria
Norway
Oman
Pakistan
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Saudi Arabia
Serbia
Singapore
Slovakia
Slovenia
South A...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / LPWAN SCU DOR2 230V EU with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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