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
Document ID	EO-D1349974EA
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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 ±10 %
Input 0.3 W
Output DataDigital
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 dataConductor cross-section AWG (converted according to IEC)
Link Screw connection with cage
Stripping length 10 mm
Rigid conductor cross-section min. 0.2 mm²
Solid conductor cross-section max. 6 mm²
Flexible conductor cross-section min. 0.2 mm²
Flexible conductor cross-section max. 6 mm²
Conductor cross-section AWG min. 24
Conductor cross-section AWG max. 10
InterfacesRadio 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
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Luxembourg
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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

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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