

INDUSTRIAL COMPONENT DATA

2CSM222491R1000 ABB Astronomical and twilight int. DWTL1

Brand: ABB | Manufacturer Part Number: 2CSM222491R1000



Manufacturer	ABB
MPN / Reference	2CSM222491R1000
Catalog number	222491
Category	Digital time switch for distribution board
Minimum order	1 Pcs
Document ID	EO-BE5EBE1EE3
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Product Overview

Astronomical and twilight int. DWTL1
DWTL1 Digital timer

STRUCTURED PRODUCT DATA

Technical Specifications

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

Classification & Catalog Path

Catalog path	ABB > Other modular devices
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Additional Product Information

Technical

Function Weekly astro and twilight

Maximum Load Capacity 16 A

10 A

Power Supply 230 V AC

Accuracy $\pm 0.5\text{sec}/24\text{h}$

Number of Channels 1

Maximum Number of Programs 120

Tightening Torque 0.5 N·m

Minimum Switching Time 1 minute [unit of time]

Illuminance 3 ... 500 lx

Contact Type Change-Over (CO)

Meter Type Digital

Sensor Type Twilight Probe

Options Provided With running reserve

Number of Batteries 1
Battery Size CR2032
Battery Chemical Composition Lithium Metal
Battery Integration Type Replaceable Non-Rechargeable
Battery Life 5 year
Battery Weight 0.003 kg
Cable Length 50 m
Connecting Capacity Solid 2.5 mm²
Communication Protocol Bluetooth
Electrical
Operational Voltage 195.5 ... 253 V AC
Supply Voltage 230 V AC
Rated Impulse Withstand Voltage (Uimp) Maximum 4 kV
Maximum Switching Current 16 A
Rated Frequency (f) 50 ... 60 Hz
Maximum Switching Power 4000 W
Power Consumption (@Pcons) 2 W
Power Loss Total 2 W
Rated Switching Capacity 2000 W
FluorescentLamps 600 V·A
2000 W
600 V·A
500 W
Material Compliance
RoHS Declaration 2CSC441018D2701
RoHS Information Following EU Directive 2011/65/EU
RoHS Date 20211115
REACH Declaration 9AKK108467A9482
REACH Information False - does not contain substances > 0.1 mass percentage
REACH Date 20240429
Conflict Minerals Reporting Template (CMRT) 9AKK108468A3363
WEEE Category 5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B Business To Consumer
Battery Type Button Cell
Environmental
Ambient Air Temperature Operation -20....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 2CSM222491R1000 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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