

INDUSTRIAL COMPONENT DATA

SMU02L-12 MEANWELL DC-DC UnRegulated Single Output Converter, Output 12VDC / 0.167A, 1500VDC I/O isolation, ..

Brand: MEANWELL | Manufacturer Part Number: SMU02L-12



Manufacturer	MEANWELL
MPN / Reference	SMU02L-12
Catalog number	SMU02L-12
Category	DC / DC CIRCUIT
Minimum order	1 unit
Document ID	EO-357731F44C
Generated	2026-08-06

Product Overview

SMU02L-12 MEANWELL DC-DC UnRegulated Single Output Converter, Output 12VDC / 0.167A, 1500VDC I/O isolation, ..

STRUCTURED PRODUCT DATA

Technical Specifications

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

Classification & Catalog Path

Catalog path MEANWELL > DC / DC CIRCUIT

Additional Product Information

Details

DC/DC converter to the printed circuit board in format SIP and isolation of 1500Vcc, not regulated.

EMI filter with built-in technology internal SMD.

FormatSIPfor printed circuit boards.

Input range4,5-5,5Vcc.

Output voltage12vdc.

Output intensity33-167mA.

Power:2W.

Efficiency typical:83%.

Low noise and ripple 60mVp-p.

Working temperature: from-40up+85 ° Cof ambient temperature. Consult the technical data sheet to see the curves of drift.

Dimensions (Length x Width x Height) [mm]:At 11.6 x 7.5 x 10,14.

2 years of warranty.

Manufacturer: MEAN WELL.

The new series SMU02 are converters 2W isolated in the format SIP, without additional components and have a wide range

of temperature operation, and isolation between input and output of 1500Vcc. Are protected against overloads and short-circuits.

Certificate CE/FCC.

Additional information

Name SMU02L-12

Long Description DC/DC converter to the printed circuit board in format SIP and isolation of 1500Vcc, not regulated.

EMI filter with built-in technology internal SMD.

FormatSIPfor printed circuit boards.

Input range4,5-5,5Vcc.

Output voltage12vdc.

Output intensity33-167mA.

Power:2W.

Efficiency typical:83%.

Low noise and ripple 60mVp-p.

Working temperature: from-40up+85 ° Cof ambient temperature. Consult the technical data sheet to see the curves of drift.

Dimensions (Length x Width x Height) [mm]:At 11.6 x 7.5 x 10,14.

2 years of warranty.

Manufacturer: MEAN WELL.

The new series SMU02 are converters 2W isolated in the forma...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send MEANWELL / SMU02L-12 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.