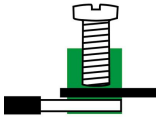
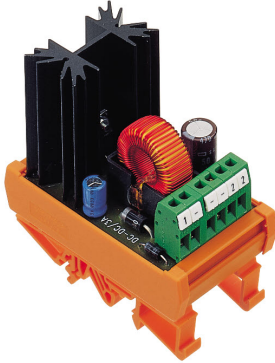


DC-DC/12-3

7795.2



DC/DC converter module, regulated, Screw connection, Mounting type: Mounting rail TS 35,
Input: 1-phase, Output: 12 VDC/3 A

Commercial

General

Country of origin: NL

Customs number: 85423990

GTIN (EAN): 4044211078133

Packaging unit: 1

Product description: Converter module

Quantity unit: PC

Unit of weight: G

Weight per piece (including packaging): 192g

Weight per piece (not including packaging): 162g

Technical

Dimensions

Height TS 35/7.5: 88mm

Length: 50mm

Width: 87mm

Ratings

Contamination degree: 2

Overvoltage category: III

Connection data

Connection principle: Screw connection

Stripping length: 7mm

Torque: 0.6Nm

Wire cross-section single core (rigid), min.: 0.2mm²

Wire cross-section single-core (rigid), max.: 4mm²

Wire cross-section stranded with wire-end ferrules, max.: 2.5mm²

Wire cross-section stranded with wire-end ferrules, min.: 0.2mm²

Wire cross-section stranded, max.: 2.5mm²

Wire cross-section stranded, min.: 0.2mm²

Further technical data

Efficiency: 80%

Protection class: IP00

Short-circuit resistant: ✓

Status display: ✓

Switching frequency: 50000kHz

Input data

Input voltage DC max.: 40V

Input voltage DC min.: 14,5V

Power consumption: 36W

Zero-load current: 20mA

Output data

Output current: 3A

Output voltage DC: 12V

Regulated DC voltage: ✓

Residual ripple: <250mV

Short-circuit current: 5,3A

Materials

Working temperature, max.: 50°C

Working temperature, min.: -20°C

Approvals

Standards and regulations

CE compliant: ✓

CE directives and standards: Low-Voltage Directive 2014/35/EU, in compliance with EN 61010-1 and EN 62477-1

EMC Directive 2014/30/EC, in compliance with EN 55011 and EN 61326-1

Standards / specifications: DIN EN 50178 / DIN VDE 0110

UKCA guidelines and standards: Electrical Equipment (Safety) Regulations 2016 (S.I. 2016/1101), in compliance with EN 61010-1 and EN 62477-1

EMC Regulations 2016 (S.I. 2016/1091), in compliance with EN 55011 and EN 61326-1

Environment

Environmental Product Compliance

EU-POP Conform: Yes

PROP 65 Conform: Yes

REACH Candidate Substance Note: No

REACH Conform: Yes

REACH Reference date: 2026-02-04

RoHS Conform: Yes

TSCA Conform: Yes
