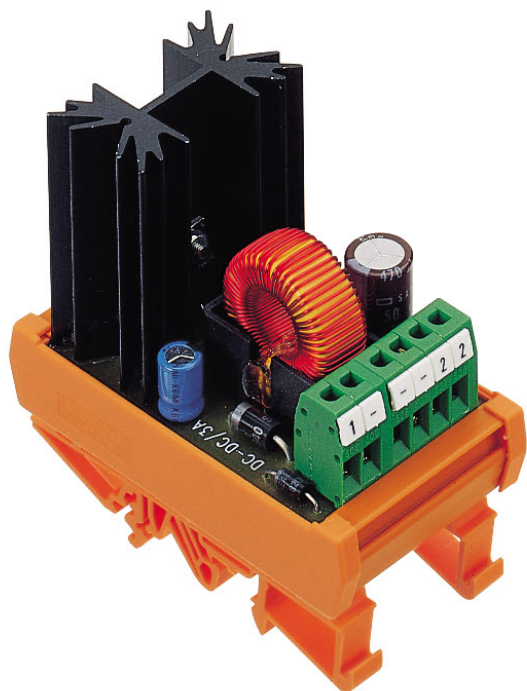


Data sheet

6937.0 DC-DC/24-3



DC/DC converter module, regulated, Screw connection, Mounting type: Mounting rail TS 35, Input: 1-phase, Output: 24 VDC/3 A

Business data

Article number	6937.0
Article name	DC-DC/24-3
GTIN (EAN)	4044211076641
Packaging unit	1
Quantity unit	PC
Weight per piece (not including packaging)	160.3 g
Weight per piece (including packaging)	180.5 g
Unit of weight	G
Customs number	85423990
Country of origin	NL
Product description	Converter module

Technical data

Dimensions

Length	50 mm
Width	87 mm
Height TS 35/7.5	88 mm

Ratings

Overvoltage category	III
Contamination degree	2

Connection data

Connection principle	Screw connection
Wire cross-section single core (rigid), min.	0.2 mm ²
Wire cross-section single-core (rigid), max.	4 mm ²
Wire cross-section stranded, min.	0.2 mm ²
Wire cross-section stranded, max.	2.5 mm ²
Wire cross-section stranded with wire-end ferrules, min.	0.2 mm ²
Wire cross-section stranded with wire-end ferrules, max.	2.5 mm ²
Stripping length	7 mm
Torque	0.6 Nm

Input data

Input voltage DC min.	25,5 V
Input voltage DC max.	40 V
Zero-load current	25 mA
Power consumption	72 W

Output data

Regulated DC voltage	✓
Output current	3 A
Short-circuit current	5,3 A
Residual ripple	<250 mV

Materials

Working temperature, min.	-20 °C
Working temperature, max.	50 °C

Data sheet

6937.0 DC-DC/24-3



Technical data

Further technical data

Protection class	IP00
Status display	✓
Efficiency	85 %
Switching frequency	50000 kHz
Short-circuit resistant	✓

Environmental Product Compliance

REACH Conform	yes
REACH Reference date	2023-06-14
REACH Candidate Substance Note	No
RoHS Conform	yes

Approvals

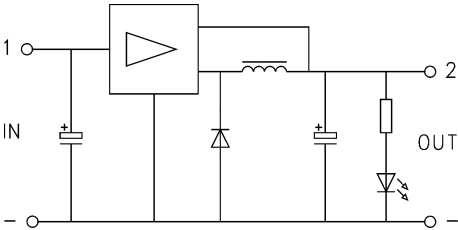
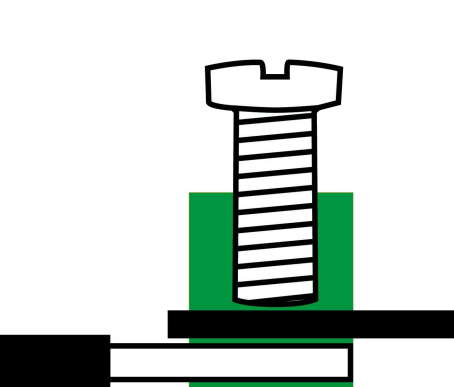
Standards and regulations

CE compliant	yes
Standards / specifications	DIN EN 50178 / DIN VDE 0110

Data sheet

6937.0 DC-DC/24-3

Media



Accessories
