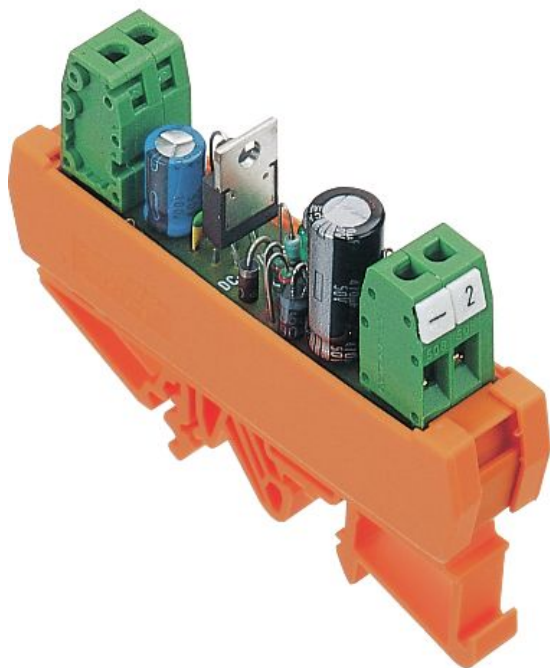


Data sheet

6810.0 DC-DC/10-0,5



DC/DC converter module, regulated, Screw connection, Mounting type: Mounting rail TS 35, Input: 1-phase, Output: 10 VDC/0.5 A

Business data

Article number	6810.0
Article name	DC-DC/10-0,5
GTIN (EAN)	4044211135935
Packaging unit	1
Quantity unit	PC
Weight per piece (not including packaging)	42 g
Weight per piece (including packaging)	100 g
Unit of weight	G
Customs number	85423990
Country of origin	NL
Product description	Converter module

Technical data

Dimensions

Length	18 mm
Width	87 mm
Height TS 35/7.5	57 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.	12,5 V
Input voltage DC max.	40 V
Zero-load current	5 mA
Power consumption	5 W

Output data

Output voltage DC	10 V
Regulated DC voltage	✓
Output current	0.5 A
Short-circuit current	0,9 A
Residual ripple	<100 mV

Materials

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

Data sheet

6810.0 DC-DC/10-0,5



Technical data

Further technical data

Protection class	IP00
Status display	✓
Efficiency	80 %
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

Data sheet

6810.0 DC-DC/10-0,5



Approvals

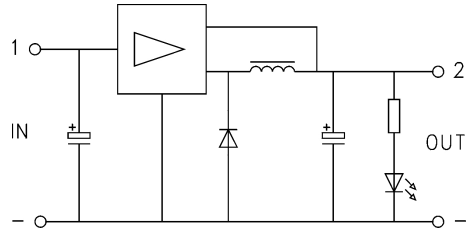
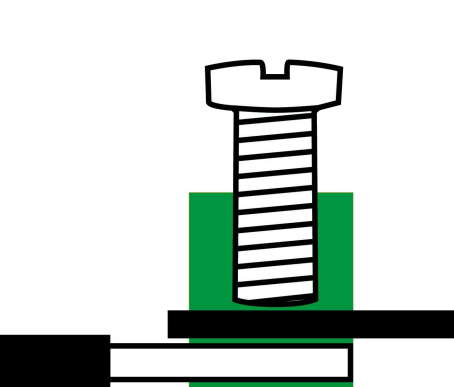
Standards and regulations

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

Data sheet

6810.0 DC-DC/10-0,5

Media



Accessories
