



1 W
DC/DC
SIM-DIL
MODUL

SIM 1 - DIL 8

1 Watt Ultra-Miniatur DIL-Modul-Serie



ULTRA-MINIATUR

Besondere Merkmale

Ultraminiatur-DIL8-Gehäuse
Isolationsspannung max. 1000 VDC
kurzzeitig Kurzschlußfestigkeit

Features

Ultra mini DIL8 package
Isolation voltage max. 1000 V
short-time short circuit protection

Technische Daten

(bei 25°C Umgebungstemperatur)

Specification

(at 25°C ambient temperature)

Eingangsdaten

Eingangsspannung
Eingangsfiler

Input Specifications

Input voltages
Input filter
5 / 12 / 15 / 24 VDC, ±10%
Kondensatoren, capacitors

Ausgangsdaten

Leistung
Wirkungsgrad
Regelabweichung
Restwelligkeit
Last
Eingang

Output Specifications

Power
Efficiency
Voltage accuracy
Ripple and noise
Load
Line
1 Watt
70% min.
Max. ±5%
120 mV p-p typ., 200 mV p-p max.
±8%
±1.2% von V_{in}

Allgemeine Daten

Betriebstemperatur
Lagertemperatur
Isolationsspannung
Gehäusematerial

General Specifications

Operation temperature
Storage temperature
Isolation voltage
Casing
Nichtleitender Kunststoff, nonconducting plastics
-20°C...+71°C
-25°C...+125°C
1000 VDC min.

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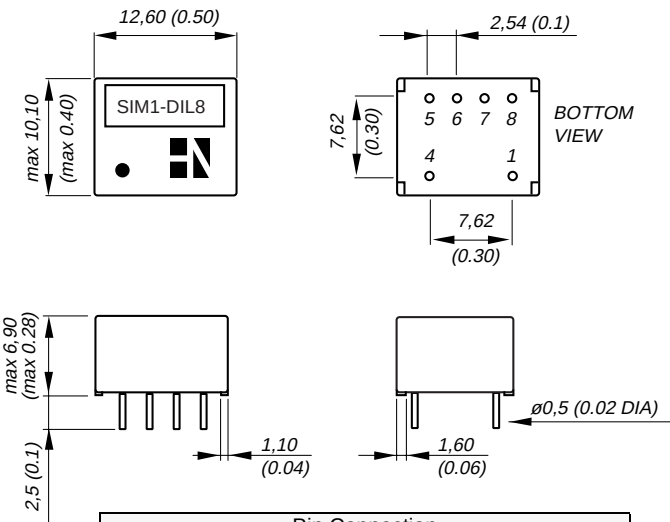
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Bestell-Information / Order Information

Modell	Eingang/ Input V	Ausgang 1/ Output 1 V /mA	Ausgang 2/ Output 2 V /mA
SIM1-0505S-DIL8	5	5/200	
SIM1-0512S-DIL8	5	12/100	
SIM1-0515S-DIL8	5	15/85	
SIM1-0524S-DIL8	5	24/50	
SIM1-1205S-DIL8	12	5/200	
SIM1-1212S-DIL8	12	12/100	
SIM1-1215S-DIL8	12	15/85	
SIM1-1224S-DIL8	12	24/50	
SIM1-1505S-DIL8	15	5/200	
SIM1-1512S-DIL8	15	12/100	
SIM1-1515S-DIL8	15	15/85	
SIM1-1524S-DIL8	15	24/50	
SIM1-2405S-DIL8	24	5/200	
SIM1-2412S-DIL8	24	12/100	
SIM1-2415S-DIL8	24	15/85	
SIM1-2424S-DIL8	24	24/50	
SIM1-0505D-DIL8	5	5/100	-5/100
SIM1-0512D-DIL8	5	12/50	-12/50
SIM1-0515D-DIL8	5	15/40	-15/40
SIM1-1205D-DIL8	12	5/100	-5/100
SIM1-1212D-DIL8	12	12/50	-12/50
SIM1-1215D-DIL8	12	15/40	-15/40
SIM1-1505D-DIL8	15	5/100	-5/100
SIM1-1512D-DIL8	15	12/50	-12/50
SIM1-1515D-DIL8	15	15/40	-15/40

Andere Typen und Spannungen auf Anfrage • Other models and configurations on request.

PIN-Belegung und Zeichnung / Pin Assignments & Drawing, mm (inch)



Pin Connection		
Pin	Single Output	Dual Output
1	-V Input	-V Input
4	+V Input	+V Input
5	+V Output	+V Output
6	No Pin	No Pin
7	-V Output	Common
8	No Pin	-V Output

Toleranzenx = 0,5 mm
Tolerancesxx = 0,25 mm