

3 W
DC/DC SIM
MODUL

SIM 5 DC Power Package

3 Watt Small-Input-Ranging Compact-Serie



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HN-MODUL

Besondere Merkmale Features

24-Pin DIL Gehäuse	24-pin DIL package
Hoher Wirkungsgrad	High efficiency
PI-Filter	PI filter
Kurzschlußfest (kurzzeitig)	Short circuit protection (short term)
Metallgehäuse	Metal case

Anwendung Application

Telekommunikation	Telecommunication
Rechnersysteme	Computer applications
MSR	Control equipments
Mikroprozessorsysteme	Microprocessor systems

Technische Daten Specification

(bei 25°C Umgebungstemperatur) (at 25°C ambient temperature)

Eingangsdaten Input Specifications

Eingangsspannung	Input voltages	5V / 12 / 24 / 48 VDC, ±10%
Eingangsfiler	Input filter	PI-Version

Ausgangsdaten Output Specifications

Leistung	Power	3 Watt
Wirkungsgrad	Efficiency	typ. 65%
Last	Load	±0.5% (±1% Dual)
Eingang	Line	±0.3% (±1% Dual)
Restwelligkeit	Ripple and noise	50mV max.

Allgemeine Daten General Specifications

Betriebstemperatur	Operating temp.	-20°C...+71°C
Lagertemperatur	Storage temperature	-25°C...+125°C
Temperaturkoeffizient	Temp. coefficient	typ. 0,03% / K
Isolationsspannung	Isolation voltage	500 VDC min. (3 kVDC auf Anfrage)
MTBF	MTBF	>200,000h

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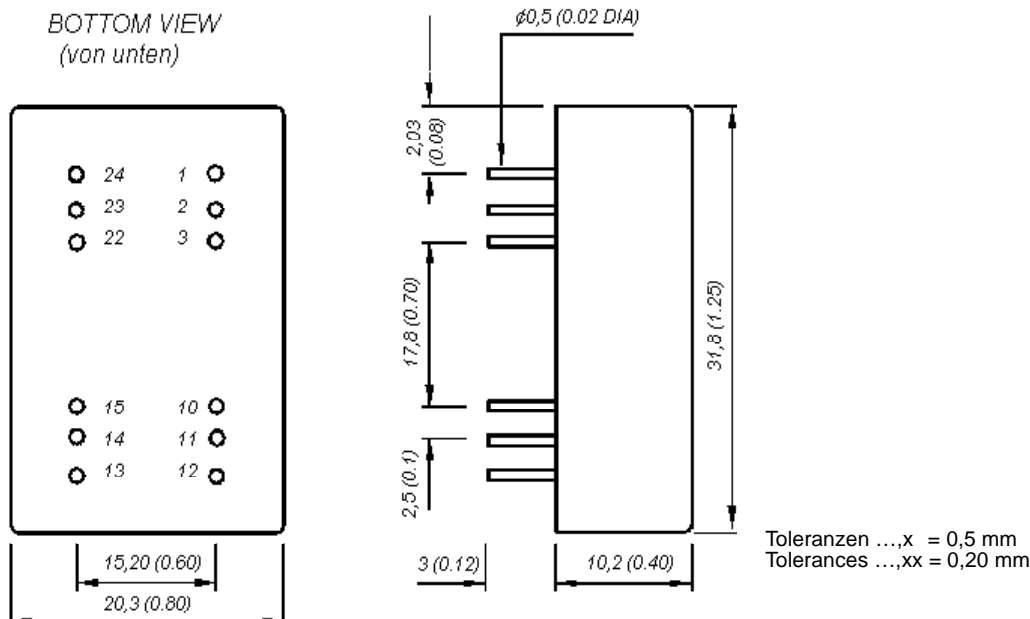
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Bestell-Information / Order Information

Modell	Eingang Input VDC	Ausgang1 Output 1 V/mA	Ausgang 2 Output2 V/mA
SIM5-0505S	5	5/600	
SIM5-0512S	5	12/250	
SIM5-0515S	5	15/200	
SIM5-0512D	5	+12/125	-12/125
SIM5-0515D	5	+15/100	-15/100
SIM5-1205S	12	5/600	
SIM5-1212S	12	12/250	
SIM5-1215S	12	15/200	
SIM5-1212D	12	+12/125	-12/125
SIM5-1215D	12	+15/100	-15/100
SIM5-2405S	24	5/600	
SIM5-2412S	24	12/250	
SIM5-2415S	24	15/200	
SIM5-2412D	24	+12/125	-12/125
SIM5-2415D	24	+15/100	-15/100
SIM5-4805S	48	5/600	
SIM5-4812S	48	12/250	
SIM5-4815S	48	15/200	
SIM5-4812D	48	+12/125	-12/125
SIM5-4815D	48	+15/100	-15/100

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

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



Pin	Pin Connection	
	Single Output	Dual Output
1	+V Input	+V Input
2	No Pin	-V Output
3	No Pin	Common
10	-V Output	Common
11	+V Output	+V Output
12	-V Input	-V Input
13	-V Input	-V Input
14	+V Output	+V Output
15	-V Output	Common
22	No Pin	Common
23	No Pin	-V Output
24	+V Input	+V Input