

5 W  
DC/DC  
HIM  
MODUL

# HIM 05 DC Power Package

5 Watt Ultra-Wide-Input DIL24 Compact-Serie



HIM-MODUL

## Besondere Merkmale Features

Weiter Eingang 4:1	Wide input range 4:1
Geringe Bauhöhe	Low profile
Isolationspg. min. 1500V DC (3KV opt.)	Isolation min. 1500V DC ( 3000 VDC opt.)
Hoher Wirkungsgrad	High efficiency
Kurzschlußfest	Short circuit protection
Überlastschutz	Overload protection

## 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	9...36, 36...72 VDC
Eingangsfiler (integriert)	Build in filter	PI-Type

## Ausgangsdaten Output Specifications

Leistung	Power	5 Watt
Wirkungsgrad	Efficiency	typ. 85%
Schaltfrequenz	Switching frequency	typ. 200 kHz
Regelabweichung	Voltage accuracy	typ. $\pm 2\%$
Last	Load	$\pm 0,5\%$ (Dual $\pm 1,5\%$ )
Eingang	Line	$\pm 0,5\%$
Restwelligkeit	Ripple and noise	1% max.

## Allgemeine Daten General Specifications

Betriebstemperatur	Operating temp.	-25°C...+71°C, no derating
Betriebstemperatur optional	Operating temp. option	-25°C...+85°C, no derating
Lagertemperatur	Storage temperature	-40°C...+100°C
Temperaturkoeffizient	Temp. coefficient	0.05% / K
Kurzschlußfest	Short circuit protection	Fold back
Gehäusematerial	Case material	Copper with nickel plating

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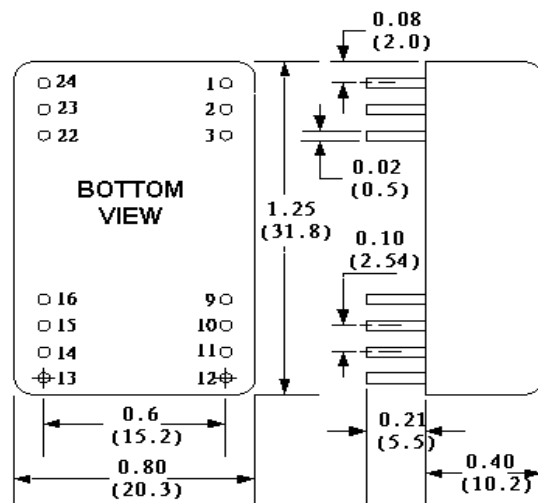
## Bestell-Information / Order Information

Modell	Eingang Input VDC	Ausgang1 Output 1 V/mA	Ausgang 2 Output 2 V/mA	Gehäuse Case
HIM052403S	9-36	3,3/1200		DIL24
HIM052405S	9-36	05/1000		DIL24
HIM052412S	9-36	12/500		DIL24
HIM052415S	9-36	15/400		DIL24
HIM052424S	9-36	24/250		DIL24
HIM054803S	36-72	3,3/1200		DIL24
HIM054805S	36-72	05/1000		DIL24
HIM054812S	36-72	12/500		DIL24
HIM054815S	36-72	15/400		DIL24
HIM054824S	36-72	24/250		DIL24
HIM052405D	9-36	+ 5/500	- 5/500	DIL24
HIM052412D	9-36	+12/250	-12/250	DIL24
HIM052415D	9-36	+15/200	-15/200	DIL24
HIM054805D	36-72	+ 5/500	- 5/500	DIL24
HIM054812D	36-72	+12/250	-12/250	DIL24
HIM054815D	36-72	+15/200	-12/200	DIL24

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

**MEMO:**

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



Toleranzen ...,x = 0,5 mm  
Tolerances ...,xx = 0,20 mm

Pin No.	Pin Connection	
	Single Output	Dual Output
2 & 3	-Input (-Vin)	-Input (-Vin)
9	No Connection	Output Common
11	No Connection	-Output (-Vout)
14	+Output (+Vout)	+Output (+Vout)
16	Output Common	Output Common
22 & 23	+Input (+Vin)	+Input (+Vin)
1,12,13,24	No Pin	No Pin
10 & 15	No Connection	No Connection