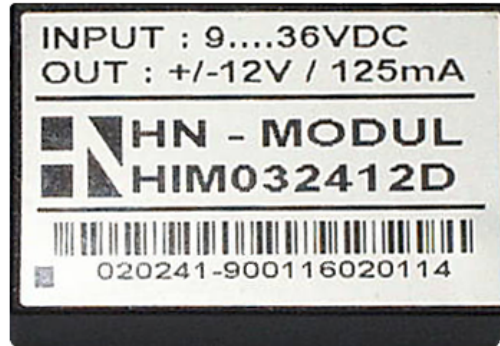


3 W  
DC/DC  
HIM  
MODUL

# HIM 03 DC Power Package

03 Watt Ultra-Wide-Input-Ranging Compact-Serie



HIM-MODUL

## Besondere Merkmale Features

Weiter Eingang 4:1	Wide input range 4:1
Geringe Bauhöhe	Low profile
Ein/Aus isoliert, min. 1500V DC	Isolation min. 1500V DC
Hoher Wirkungsgrad	High efficiency
Kurzschlußfest	Short circuit 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, 18...72 VDC
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## Ausgangsdaten Output Specifications

Leistung	Power	3 Watt
Wirkungsgrad	Efficiency	typ. 75%
Schaltfrequenz	Switching frequency	typ. 100 kHz
Regelabweichung	Voltage accuracy	typ. $\pm 2\%$
Last	Load	$\pm 2\%$ (Dual $\pm 3\%$ )
Eingang	Line	$\pm 1\%$
Restwelligkeit	Ripple and noise	$\pm 1\%$ max.

## Allgemeine Daten General Specifications

Betriebstemperatur	Operating temp.	-25°C...+71°C, no derating
Lagertemperatur	Storage temperature	-40°C...+100°C
Temperaturkoeffizient	Temp. coefficient	0.02% / K
Kurzschlußfest	Short circuit protection	Fold back
MTBF	MTBF	>200,000 h
Abschaltung	Shutdown	Operating: Pin 20 open or 8...10 VDC Not operating: Pin 20 -0.3...+2 VDC at Go

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**3 W  
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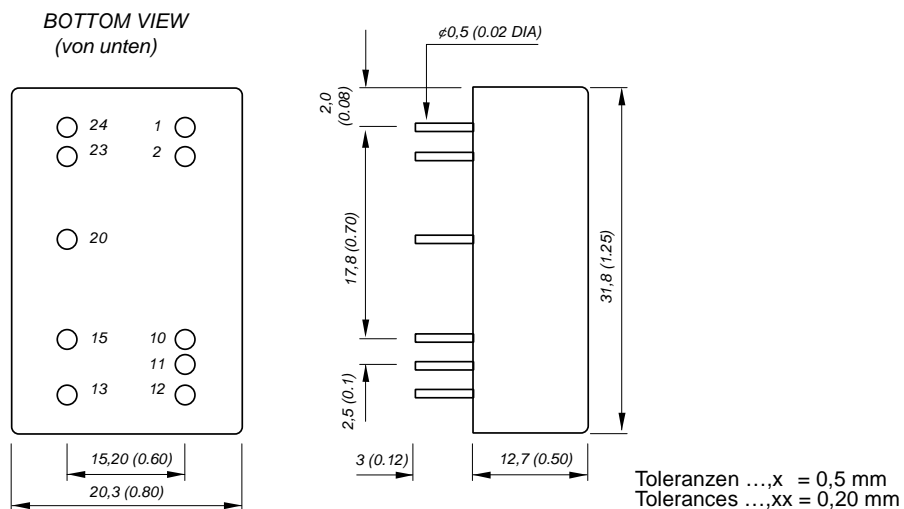
### Bestell-Information / Order Information

Modell	Eingang Input VDC	Ausgang1 Output 1 V/mA	Ausgang 2 Output 2 V/mA	Gehäuse Case
HIM032405S	9-36	05/500		A
HIM032412S	9-36	12/250		A
HIM032415S	9-36	15/200		A
HIM034805S	18-72	05/500		A
HIM034812S	18-72	12/250		A
HIM034815S	18-72	15/200		A
HIM032405D	9-36	+05/250	-5/250	A
HIM032412D	9-36	+12/125	-12/125	A
HIM032415D	9-36	+15/100	-15/100	A
HIM034805D	18-72	+05/250	-5/250	A
HIM034812D	18-72	+12/125	-12/125	A
HIM034815D	18-72	+15/100	-12/100	A

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

**MEMO:**

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



Pin No.	Pin Connection	
	Single Output	Dual Output
1 & 2	+Vi	+Vi
10 & 11	No Pin	Go
12	Go	No Pin
13	+Vo	-Vo
15	No Pin	+Vo
20	Shutdown	Shutdown
23 & 24	Gi	Gi

Alternativ-Pinout auf Anfrage!  
Alternative pinout on request!