

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. ±2%
Last	Load	±2% (Dual ±3%)
Eingang	Line	±1%
Restwelligkeit	Ripple and noise	±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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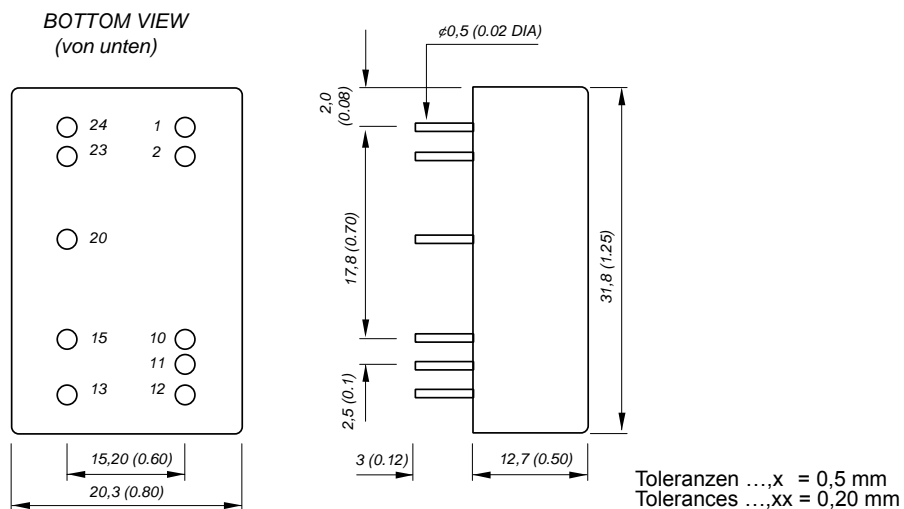
Bestell-Information / Order Information

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	-15/100	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!