

5 W
DC/DC
HIM
MODUL

HIM 05 DC Power Package

5 Watt Ultra-Wide-Input DIL24 Compact-Serie



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)
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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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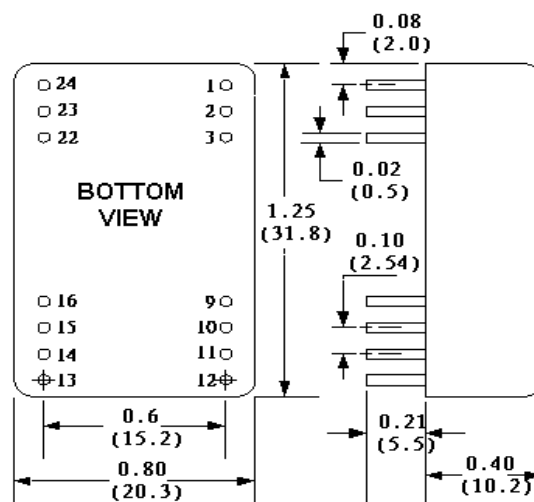
Bestell-Information / Order Information

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 Connection		
Pin No.	Pin Function	
	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