

25 W  
DC/DC  
TDD  
MODUL

# TDD 25 DC Power Package

25 Watt Wide-Input 3" x 2" - Serie



HN-MODUL

## Besondere Merkmale Features

Weiter Eingang 2:1/3:1	Wide input range 2:1/3:1
Geringe Bauhöhe	Low profile
Isolationspg. min. 1500V DC	Isolation min. 1500V DC
Hoher Wirkungsgrad	High efficiency
Kurzschlußfest	Short circuit protection
Eingang-PI-Filter	Input-PI-Filter

## 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	18...60, 35...75 VDC
Eingangsfiler (integriert)	Build in filter	PI-Type

## Ausgangsdaten Output Specifications

Leistung	Power	25 Watt
Wirkungsgrad	Efficiency	typ. 84%
Schaltfrequenz	Switching frequency	typ. 200 kHz
Regelabweichung	Voltage accuracy	typ. ±2%
Last	Load	± 2% (Dual ± 5%)
Eingang	Line	± 1%
Restwelligkeit	Ripple and noise	150mV typ.

## Allgemeine Daten General Specifications

Betriebstemperatur	Operating temp.	-25°C...+71°C, derating (51°-71°C 2%/°C)
Lagertemperatur	Storage temperature	-40°C...+100°C
Temperaturkoeffizient	Temp. coefficient	0.02% / K
Kurzschlußfest	Short circuit protection	Current foldback
Gehäusematerial	Case material	Copper with black coated
Kühlung	Cooling	Free air convection

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## 25 Watt Wide-Input 3" x 2" Compact-Serie

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### Bestell-Information / Order Information

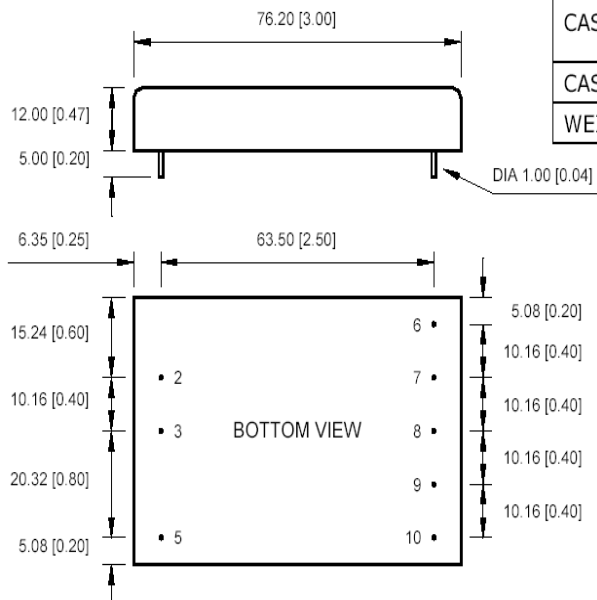
Modell	Eingang Input VDC	Ausgang1 Output 1 V/mA	Ausgang 2 Output 2 V/mA	Modell Label
TDD252403S	18-60	3,3/7000		TDD25-03S2
TDD252405S	18-60	05/5000		TDD25-05S2
TDD252412S	18-60	12/2000		TDD25-12S2
TDD252415S	18-60	15/1700		TDD25-15S2
TDD254803S	35-75	3,3/7000		TDD25-03S3
TDD254805S	35-75	05/5000		TDD25-05S3
TDD254812S	35-75	12/2000		TDD25-12S3
TDD254815S	35-75	15/1700		TDD25-15S3
TDD252412D	18-60	+12/1000	-12/1000	TDD25-12D2
TDD252415D	18-60	+15/850	-15/850	TDD25-15D2
TDD254812D	35-75	+12/1000	-12/1000	TDD25-12D3
TDD254815D	35-75	+15/850	-12/850	TDD25-15D3

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

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

#### MECHANISM & PIN CONFIGURATION

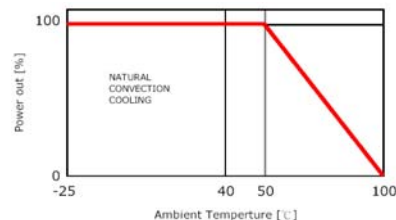
mm [inch]



#### PHYSICAL CHARACTERISTICS

CASE SIZE	76.2 x 50.8 x 12mm 3 x 2 x 0.47inches
CASE MATERIAL	Metal
WEIGHT	105 g

#### Derating:



#### PIN ASSIGMENT

PIN NO.	2	3	5	6	7	8	9	10
SINGLE	Vi-	Vi+	ON/OFF	N.C.	N.C.	Vo-	Vo+	Trim
DUAL	Vi-	Vi+	ON/OFF	Vo-	N.C.	com	Vo+	Trim