

8 W
DC/DC
MODUL

RDD08 DC Power Package

8 Watt Wide-Input DIL24 Compact-Serie



Besondere Merkmale Features

Weiter Eingang 2:1	Wide input range 2:1
Geringe Bauhöhe	Low profile
Isolationspg. min. 1500V DC	Isolation min. 1500V DC
Hoher Wirkungsgrad	High efficiency
Kurzschlußfest	Short circuit protection
TÜV/UL/cUL Zulassung	TÜV/UL/cUL approvals

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...18, 18...36, 35...75 VDC
Eingangsfiler (integriert)	Build in filter	PI-Type

Ausgangsdaten Output Specifications

Leistung	Power	6.6-8.1 Watt
Wirkungsgrad	Efficiency	up to 85%
Schaltfrequenz	Switching frequency	280 kHz
Regelabweichung	Voltage accuracy	typ. ±2%
Lastregelung	Load regulation	±1%
Eingangsregelung	Line regulation	±0,5%
Restwelligkeit	Ripple and noise	50mV max. (Vp-p)

Allgemeine Daten General Specifications

Betriebstemperatur	Operating temp.	-40°C...+71°C, derating see curve
Lagertemperatur	Storage temperature	-40°C...+100°C
Temperaturkoeffizient	Temp. coefficient	0.02% / °C
Kurzschlußfest	Short circuit protection	Continuous
An/Ausschaltung	Remote on/off control	ON: 3...10VDC or open circuit OFF: 0...1,5VDC or short circuit pin 1 and pin 2,3
Zulassungen	Safety approvals	TÜV EN60950-1 UL/cUL UL60950-1 CE EN61204-3(Class A for EMI)

CHINFA

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Bestell-Information / Order Information

MODEL NO.	INPUT VOLTAGE	OUTPUT WATTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT	EFF. (TYP.)	EFF. (min.)
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Single Output Models

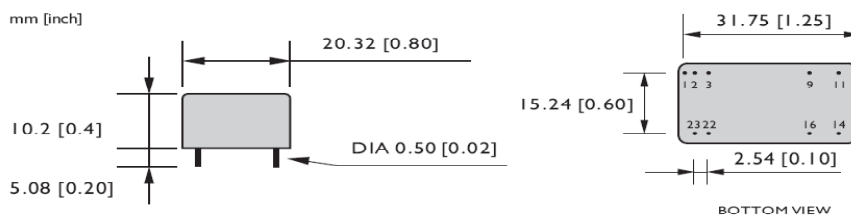
RDD08 - 03S1U	9~18 VDC	6.6 WATTS	+3.3 VDC	2000 mA	80%	78%
RDD08 - 05S1U	9~18 VDC	7.5 WATTS	+ 5 VDC	1500 mA	82%	80%
RDD08 - 12S1U	9~18 VDC	8 WATTS	+ 12 VDC	670 mA	85%	83%
RDD08 - 15S1U	9~18 VDC	8.1 WATTS	+ 15 VDC	540 mA	85%	83%
RDD08 - 03S2U	18~36 VDC	6.6 WATTS	+3.3 VDC	2000 mA	80%	78%
RDD08 - 05S2U	18~36 VDC	7.5 WATTS	+ 5 VDC	1500 mA	83%	81%
RDD08 - 12S2U	18~36 VDC	8 WATTS	+ 12 VDC	670 mA	85%	83%
RDD08 - 15S2U	18~36 VDC	8.1 WATTS	+ 15 VDC	540 mA	85%	83%
RDD08 - 03S3U	35~75 VDC	6.6 WATTS	+3.3 VDC	2000 mA	80%	78%
RDD08 - 05S3U	35~75 VDC	7.5 WATTS	+ 5 VDC	1500 mA	83%	81%
RDD08 - 12S3U	35~75 VDC	8 WATTS	+ 12 VDC	670 mA	85%	83%
RDD08 - 15S3U	35~75 VDC	8.1 WATTS	+ 15 VDC	540 mA	85%	83%

Dual Output Models

RDD08 - 05D1U	9~18 VDC	8 WATTS	± 5 VDC	± 800 mA	82%	80%
RDD08 - 12D1U	9~18 VDC	8.1 WATTS	± 12 VDC	± 340 mA	85%	83%
RDD08 - 15D1U	9~18 VDC	8.1 WATTS	± 15 VDC	± 270 mA	85%	83%
RDD08 - 05D2U	18~36 VDC	8 WATTS	± 5 VDC	± 800 mA	83%	81%
RDD08 - 12D2U	18~36 VDC	8.1 WATTS	± 12 VDC	± 340 mA	85%	83%
RDD08 - 15D2U	18~36 VDC	8.1 WATTS	± 15 VDC	± 270 mA	85%	83%
RDD08 - 05D3U	35~75 VDC	8 WATTS	± 5 VDC	± 800 mA	83%	81%
RDD08 - 12D3U	35~75 VDC	8.1 WATTS	± 12 VDC	± 340 mA	85%	83%
RDD08 - 15D3U	35~75 VDC	8.1 WATTS	± 15 VDC	± 270 mA	85%	83%

MEMO:

Abmessungen & Pinbelegung / Dimensions & Pinout



PHYSICAL CHARACTERISTICS

CASE SIZE	20.3 x 31.8 x 10.2 mm 0.8 x 1.25 x 0.4 inches
CASE MATERIAL	Tinplate nickel plated
WEIGHT	16 g

PIN ASSIGNMENT

GENERAL							
PIN NO.	1	2 & 3	9	11	14	16	22 & 23
SINGLE	Remote On/Off	Vi -	N. C.	N. C.	Vo+	Vo -	Vi+
DUAL	Remote On/Off	Vi -	com	Vo -	Vo+	com	Vi+

DERATING

