

- **2:1 Input Range**
- **Isolation Voltage 1500V**
- **DIP24/SMD- Package**
- **continuous short circuit Protection**



Model Number	Input Voltage	Output Voltage	Output Current	Input No Load	Current Full Load	% Eff.
EW7.5-12S3.3	9-18 V	3.3 VDC	1500 mA	25 mA	557 mA	74
EW7.5-12S05	9-18 V	5 VDC	1500 mA	25 mA	801 mA	78
EW7.5-12S12	9-18 V	12 VDC	625 mA	25 mA	762 mA	82
EW7.5-12S15	9-18 V	15 VDC	500 mA	25 mA	762 mA	82
EW7.5-12D05	9-18 V	±5V	±750 mA	30 mA	791 mA	79
EW7.5-12D12	9-18 V	±12V	±310 mA	30 mA	753 mA	83
EW7.5-12D15	9-18 V	±15V	±250 mA	30 mA	753 mA	83
EW7.5-24S3.3	18-36 V	3.3 VDC	1500 mA	20 mA	271 mA	76
EW7.5-24S05	18-36 V	5 VDC	1500 mA	20 mA	396 mA	79
EW7.5-24S12	18-36 V	12 VDC	625 mA	20 mA	381 mA	82
EW7.5-24S15	18-36 V	15 VDC	500 mA	20 mA	381 mA	82
EW7.5-24D05	18-36 V	±5V	±750 mA	25 mA	386 mA	81
EW7.5-24D12	18-36 V	±12V	±310 mA	25 mA	377 mA	83
EW7.5-24D15	18-36 V	±15V	±250 mA	25 mA	377 mA	83
EW7.5-48S3.3	36-75 V	3.3 VDC	1500 mA	10 mA	136 mA	76
EW7.5-48S05	36-75 V	5 VDC	1500 mA	10 mA	195 mA	80
EW7.5-48S12	36-75 V	12 VDC	625 mA	10 mA	190 mA	82
EW7.5-48S15	36-75 V	15 VDC	500 mA	10 mA	190 mA	82
EW7.5-48D05	36-75 V	±5V	±750 mA	15 mA	193 mA	81
EW7.5-48D12	36-75 V	±12V	±310 mA	15 mA	188 mA	83
EW7.5-48D15	36-75 V	±15V	±250 mA	15 mA	188 mA	83

All Specifications are Typical at Nominal Line, Full load, and 25°C Unless Otherwise Noted / © TECHNO-PROJEKT 2007

INPUT SPECIFICATIONS

INPUT UNDER-VOLTAGE LOCKOUT.....	12V	9V-18V
	24V.....	18V-36V
	48V.....	36V-72V
INPUT FILTER.....		PI Type

OUTPUT SPECIFICATIONS

Voltage Accuracy.....		±2.0% max
Voltage Balance (Dual)		± 1.0% max
RIPPLE AND NOISE, 20MHz BW		max. 100mVpp
Temperature Coefficient		±0.05%/C max
Line Regulation ¹	Single/Dual	±0.2%max
Load Regulation ²	Single	±0.5%max
	Dual ³	±1.0%max
Short Circuit Protection		continuous

GENERAL SPECIFICATIONS

ISOLATION VOLTAGE.....		1500VDC min.
ISOLATION RESISTANCE		1000 MOhm
SWITCHING FREQUENCY.....		300KHz min
OPERATING TEMPERATURE RANGE.....		-25°C TO +71°C
DERATING, ABOVE 71°C		LINEARY TO ZERO POWER AT 100 °C
CASE TEMPERATURE ⁵		100°Cmax.
STORAGE TEMPERATURE RANGE.....		-40°C TO +100°C
CASE MATERIAL		Black Coated Copper with Non-Conductive Base
DIMENSIONS	DIP24.....	1,25×0,80×0,40 INCHES (31.8 × 20.3 × 10.2mm)
	SMD	1,25×0,80×0,45 INCHES (31.8 × 20.3 × 11.4mm)

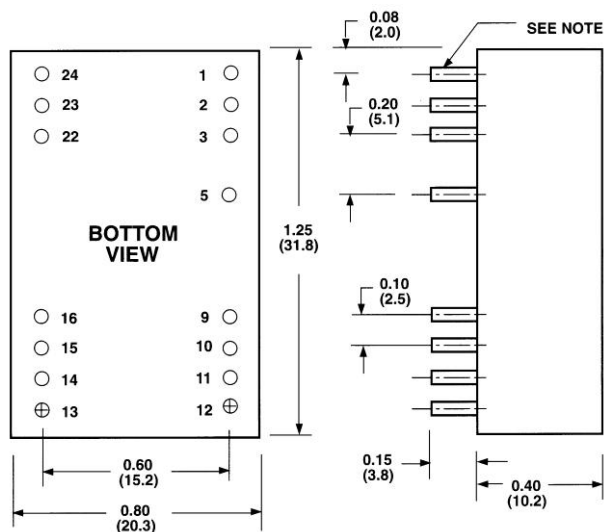
NOTE:

1. Measured From High Line To Low Line
2. Measured From Full Load To 10% Load
3. Measured From Full Load To 25% Load
4. Suffix "S" for Model Number with SMD-Package
5. Maximum case temperature under any operating conditions should not exceed 100°C

Ordering Instructions

EW7.5	-	24	S	12	S
Series		Input	Single Dual Triple	Output	Option SMD

MECHANICAL SPECIFICATIONS	PIN CONNECTION
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NOTE: Pin Size = 0.02" (0.5mm) Ø

Pin	Single Output		Dual Output	
	DIP24	SMD	DIP24	SMD
1,24	NP	NC	NP	NC
2,3	- Vin		- Vin	
4,5	NP	NC	NP	NC
9	NC		Common	
10,15	NC		NC	
11	NC		- Vout	
12,13	NP	NC	NP	NC
14	+ Vout		+ Vout	
16	- Vout		Common	
20,21	NP	NC	NP	NC
22,23	+ Vin		+ Vin	

DERATING CURVE

