

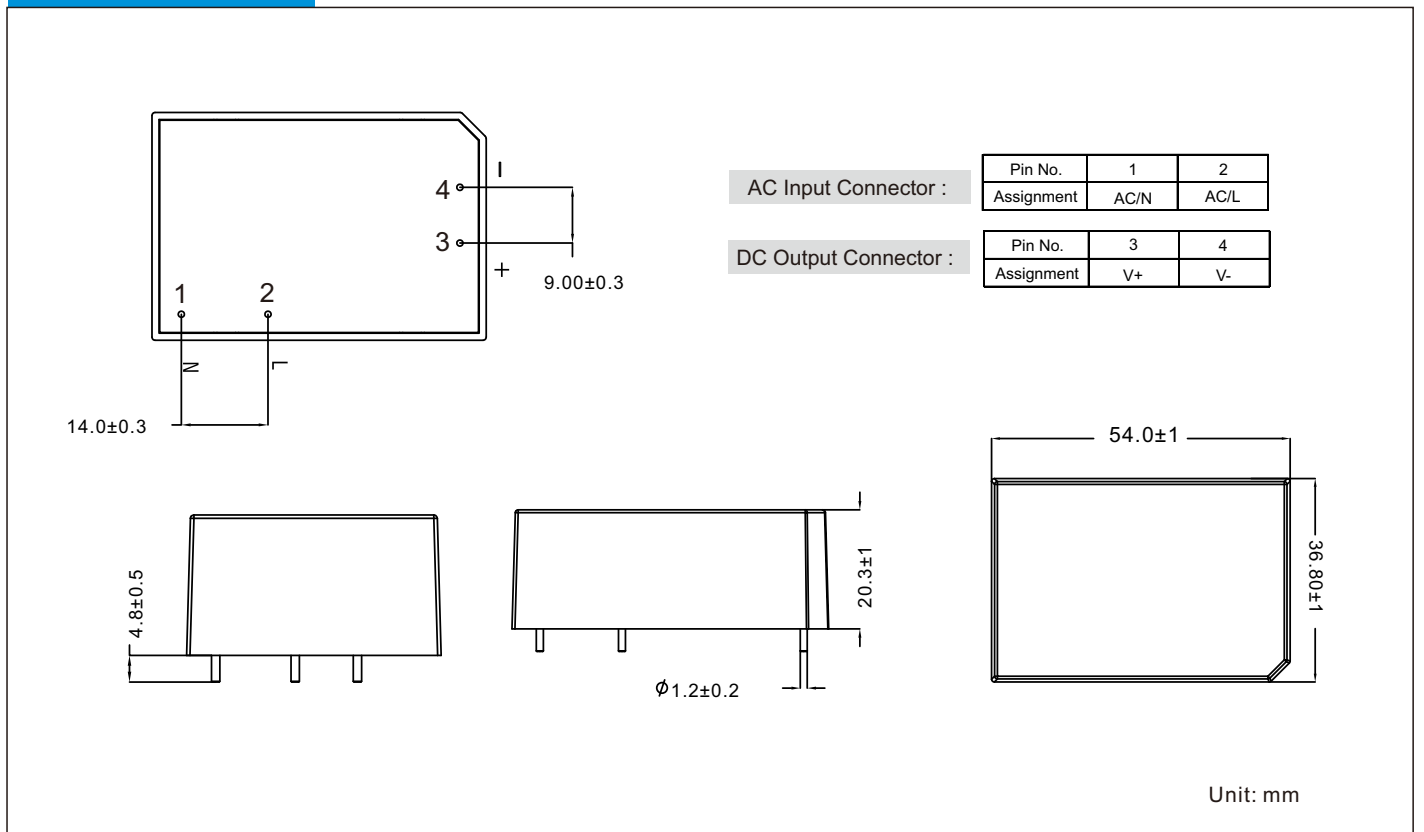
Product Features

- Meet medical & I.T.E. safety approvals
- 2 MOPP input to output isolation
- Leakage current $\leq 100\mu\text{A}$
- $\leq 0.25\text{W}$ standby power
- Up to 5,000m operating altitude

NEW

Models & Ratings

Model Number	Voltage ^{(*)1}	Current	Rated Power	Ripple & Noise _{(max)(*)2}	Voltage Tolerance	Line & Load Regulation	Efficiency (Average)	Start Up Delay
UES15D-XXXXYYSPA	5.0	0.01-3.00	15.0W	150mVpk-pk	$\pm 5\%$	Line: $\pm 5\%$	81.30%	$\leq 0.8\text{s}$
	6.0	0.01-2.50	15.0W	150mVpk-pk	$\pm 5\%$	Line: $\pm 5\%$	84.10%	$\leq 0.8\text{s}$
	9.0	0.01-1.67	15.0W	150mVpk-pk	$\pm 5\%$	Line: $\pm 5\%$	84.10%	$\leq 0.8\text{s}$
	12.0	0.01-1.25	15.0W	150mVpk-pk	$\pm 5\%$	Line: $\pm 5\%$	84.10%	$\leq 0.8\text{s}$
	15.0	0.01-1.00	15.0W	150mVpk-pk	$\pm 5\%$	Line: $\pm 5\%$	84.10%	$\leq 0.8\text{s}$
	18.0	0.01-0.83	15.0W	150mVpk-pk	$\pm 5\%$	Line: $\pm 5\%$	84.10%	$\leq 0.8\text{s}$
	24.0	0.01-0.62	15.0W	150mVpk-pk	$\pm 5\%$	Line: $\pm 5\%$	84.10%	$\leq 0.8\text{s}$

Mechanical Details


Input

Input Voltage Range	85-265VAC
Frequency Range	47-63Hz
Input Current	0.5A at 100VAC
Inrush Current	100A max at 240VAC cold start
Touch Leakage Current ^(max)	≤100μA at 264VAC

Environmental

Operating Temperature	-25°C to 65°C
Storage Temperature	-25°C to 85°C
Operating Humidity	10% to 90% RH, non-condensing
Storage Humidity	10% to 90% RH
Operating Altitude	5,000m

General

Dimensions	54.0(L) 36.8(W) 20.3(H)mm
Weight	48g
MTBF	>100,000hrs Telcordia_SR-332 at 25°C

Protection

Overload	110-180% rated output power, auto recovery
Over Voltage	150% Max output voltage input to reset
Short Circuit	Trip and restart (hiccup mode)

Safety Approvals

Safety Agency / Mark	Medical(Meet)	ITE(Meet)
CE	EN 60601-1	EN 62368-1
CB	IEC 60601-1	IEC 62368-1
UL	ANSI/AAMI ES60601-1 CAN/CSA C22.2 NO. 60601-1	
TUV-MARK	EN 60601-1	

EMC

Emissions	Medical	ITE
Conducted	IEC/EN 60601-1-2, CISPR 11	EN55032, CISPR 32
Radiated	IEC/EN 60601-1-2, CISPR 11	EN55032, CISPR 32
Harmonic Currents	EN61000-3-2, Class A	EN61000-3-2, Class A
Voltage Flicker	EN61000-3-3	EN61000-3-3
Immunity	IEC/EN 60601-1-2	EN55035, CISPR 35
ESD	EN61000-4-2 ±15kV air, ±8kV contact	
Radiated Immunity	EN61000-4-3 10V/m, 3V/m 80MHz - 2.7GHz	
EFT/Burst	EN61000-4-4 ±2kV on AC port, ±1kV on signal ports	
Surge	EN61000-4-5 ±1KV line to line (diff mode)	
Conducted Immunity	EN61000-4-6 3Vrms(0.15MHz-80MHz)	
Magnetic Field	EN61000-4-8 30 A/m	
Dips & Interruptions	EN61000-4-11 0%, 70%, 0% of UT	

Others

Dielectric Withstand Voltage	4,000VAC input to output
Insulation Resistance	10M Ohms, 500VDC input to output