

# CliQ Din Rail Power Supply

## 12V 15W 1 Phase Plastic

### DRP012V015W1AZ



DRP012V015W1AZ

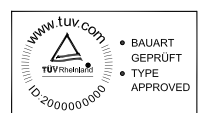
15Watts

Total Power: 15Watts  
Input Voltage: 85-264Vac  
# of Output: Single

<b>Model number</b>	<b>DRP012V015W1AZ</b>
<b>Reference no.</b>	<b>EOE11010156</b>
<b>OUTPUT (DC)</b>	
Output power	15W
Output voltage range	11-14V
Output current	1.25A (15W max.)
Residual ripple/peak switching (20MHz) (@ nominal values)	< 100mV
Mains buffering at nominal load (typ.)	> 22ms @ 115Vac, > 110ms @ 230Vac
Line regulation	< 0.5% typ. (@ 85 - 264Vac input, 100% load)
Load regulation	< 1% Typical (with rated input, 0 to 100% load)
<b>INPUT (AC)</b>	
Input voltage range	85 - 264Vac (DC input range 120 - 375Vdc)
Input frequency	47 - 63Hz
Nominal current	0.45A Max (0.37A @ 115Vac, 0.22A @ 230Vac)
Efficiency	Min 83.5% @ 115Vac & Min 83% @ 230Vac
Power factor	Conform to EN61000-3-2 STD
Inrush current limitation I <sup>2</sup> t (+25°C) typ.	< 30A @ 115Vac, < 65A @ 230Vac
Leakage current	< 1mA
<b>MECHANICAL DESIGN</b>	
Case cover	Plastic (PC)
Dimensions (L x W x H)	100mm x 32mm x 100mm
Unit weight / box	0.175kg
MTBF	> 300,000 hrs
Noise	Sound pressure level (SPL) < 40dBA
Cooling	Convection
Input / Output terminal	M3.5 x 5
Mounting rail	Standard TS35 mounting rail
Shock proof	IEC60068-2-27
Vibration	IEC60068-2-6
Protection structure	EN60950 meet IPX0

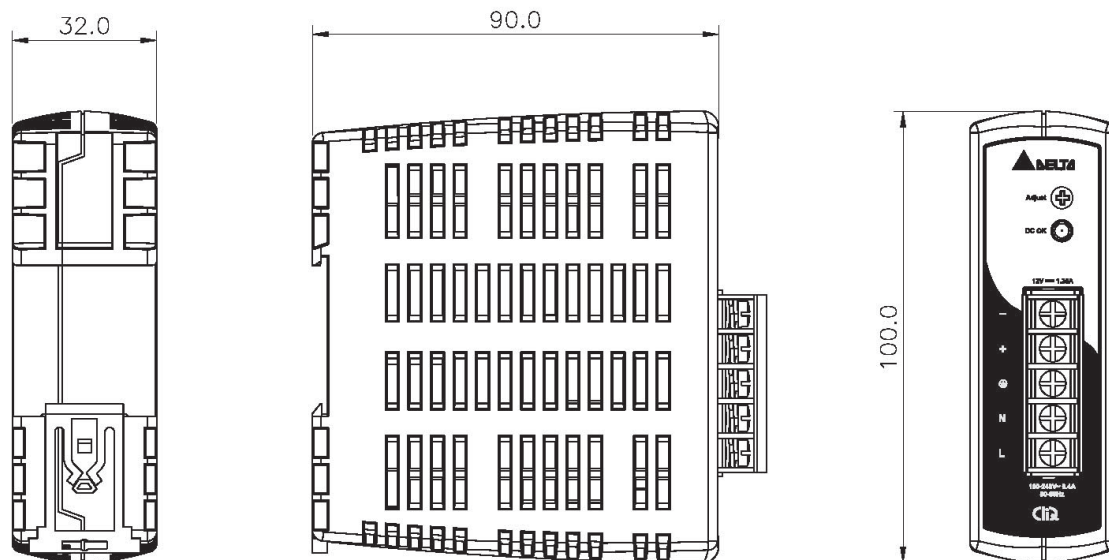
### Special Features

- Ease of multiple wire connection
- Compact design for easy handling
- Overload protection
- Thermal protection
- Power boost 150% for 3sec
- Expected life time: 10 years
- Redundancy: Yes (with external ORing diode)
- RoHS compliant



# CliQ Din Rail Power Supply 12V 15W 1 Phase Plastic DRP012V015W1AZ

## MECHANICAL DRAWING



Delta Electronics (Thailand)  
Public Company Limited  
909 Moo 4, E.P.Z.,  
Bangpoo Industrial Estate,  
Tambon Prakasa, Amphur  
Muang Samutprakarn,  
Samutprakarn 10280, Thailand  
Tel: +662 709 2800  
Fax: +662 709 2827  
E-mail: VL@delta.co.th  
[www.deltaenergysystems.com](http://www.deltaenergysystems.com)

## SAFETY / ENVIRONMENTAL

EMC / Emissions	EN61000-3-2, 3 : 1995/A1 : 2001/A2 : 2005, EN55022 : 2006 Class B, EN55011 : 1998/A2 : 2002 Class B, EN6100-6-1 (IEC61000-4-2, 3, 4, 5, 6, 8,11)
Immunity	EN61000-6-2, EN55024, EN61000-4-2, IEC61000-4-3, 4, 5, 6, 8, 11
Safety standard	UL Listed for UL508 & CSA 22.2 no.107.1-01, UL Recognized for UL60950-1 & CSA 22.2 no.60950-1, UL60950-1 and CSA 22.2 no.107.1-01, TUV Bavart Mark to EN60950-1, EN50178 : 1998, IEC60204-1 : 1998 & IEC62103 : 2003, CB cert from TUV to IEC60950-1, CE (EMC and Low Voltage directive) , CCSAUS to CSA 22.2 no.60950-1
Voltage dips	Conforms to EN61000-4-11
Galvanic isolation	Input to output: 4KVac; Input to ground: 1.5KVac; Output to ground: 1.5KVac
Operating ambient temperature	-20°C ~ 75°C *
Storage temperature	-25°C ~ 85°C
Operating humidity	< 95%
Note (*)	Operating amb. > 50°C derate power by 2.5% / °C; Operating amb. > 70°C derate power by 4% / °C