

CliQ Din Rail Power Supply

12V 15W 1 Phase Plastic

DRP012V015W1AZ



DRP012V015W1AZ

15Watts

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

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|--|---|
| Model number | DRP012V015W1AZ |
| Reference no. | EOE11010156 |
| OUTPUT (DC) | |
| 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) |
| INPUT (AC) | |
| 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 ² t (+25°C) typ. | < 30A @ 115Vac, < 65A @ 230Vac |
| Leakage current | < 1mA |
| MECHANICAL DESIGN | |
| 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 |

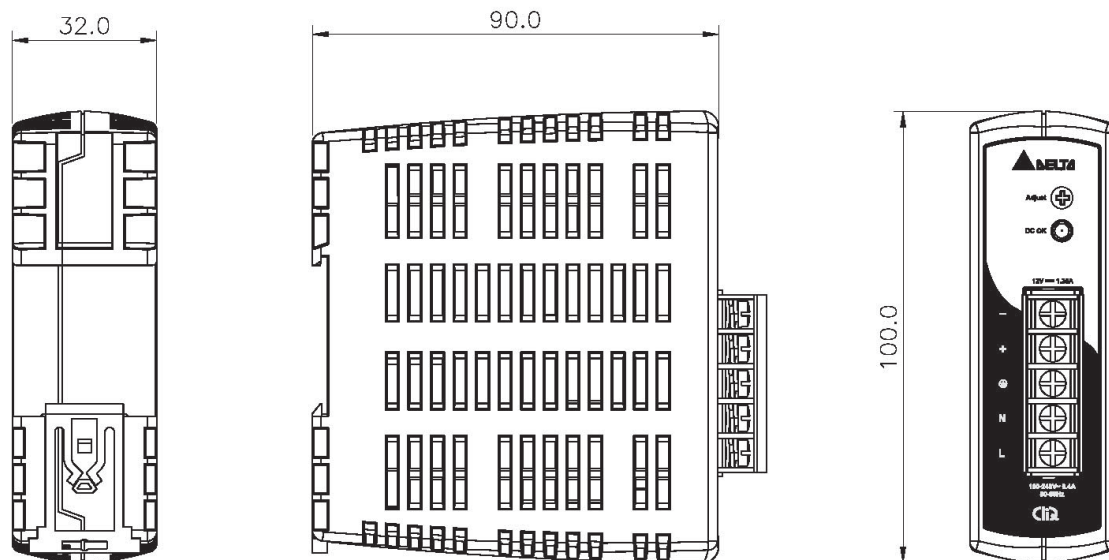
Special Features

- 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



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MECHANICAL DRAWING



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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 |