

Raddrizzatore Digitale 110Vdc

Digital Rectifier 110Vdc

Apart from its standard production, Astrid is also able to provide units designed to customer's specifications for industrial applications.

Standard Features:

- Mains isolation transformer
- Digital control electronics thyristors
- Rectifier Stack (thyristors)
- Output Filter

Options:

- 12 Pulses Rectifier or 12 Pulse Rectifier with THDI Filter
- Earth Fault monitoring, Single or Dual polarity
- Parallel Redundant Configuration (up to 4)
- Decoupling Diode
- DC Voltage Dropper
- Dry Contact Relay Cards
- RS485 Mod-bus interface
- SNMP TCP/ IP interface
- 4-20 mA interface



Model	110RCN 50	110RCN 100	110RCN 150	110RCN 200	110RCN 300	110RCN 400	110RCN 500	110RCN 600	110RCN 800	110RCN 1000
General specification										
Input voltage	400 Vac 3Ph, $\pm 10\%$ (Optional for other AC input voltage)									
Input frequency	50 - 60 Hz, $\pm 5\%$									
Output voltage	110 Vdc									
Output current	50A	100A	150A	200A	300A	400A	500A	600A	800A	1000A
DC voltage accuracy	$\pm 1\%$ from 0 to 100% load, with full input voltage / frequency variation									
Charging characteristic	Constant current / Constant voltage (I/U as per IEC 478-1 / DIN41773)									
DC ripple voltage	<1% rms with or without battery connected									
Cooling method	Natural convection for up to 500A									
Ambient conditions										
Temperature	-10° C to 40° C									
Relative humidity	95% - non condensing									
Altitude	1000m asl									
Air quality	Normal (low concentration of dust / corrosive gas)									
Compliance standards										
Quality / Environment	ISO 9001:2000									
Rectifier basic standard	EN 60146									
EMC standard	EN 61000-6-2 / 61000-6-4									
Performance	EN62040-3									
Safety	EN 50178									
Others	Optional upon request									
Mechanical										
Dimension: Length	600mm			800mm			1000mm			
Dimension: Width	800mm								1000mm	
Dimension: Height	2100mm									
Weight	280Kg	320Kg	380Kg	450Kg	520Kg	600Kg	700Kg	800Kg	900Kg	1200Kg
Protection degree	IP20 (Optional for other protection degree)									
Cable entry	Bottom (Optional for other cable entry)									