

Raddrizzatore Digitale 24Vdc

Digital Rectifier 24Vdc

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 Pulses 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	24RC N50	240RCN 100	24RCN 150	240RCN 200	24RCN 300	24RCN 400	24RCN 500	24RCN 600	24RCN 800	24RCN 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	24 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	2000m (derating according to EN62040-3)										
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/ EN60950										
Others	Optional upon request										
Mechanical											
Dimension: Length	600mm				800mm				1000mm		
Dimension: Width	800mm								1000mm		
Dimension: Height	2100mm										
Weight	220Kg	230Kg	240Kg	260Kg	300Kg	360Kg	430Kg	590Kg	770Kg	860Kg	
Protection degree	IP20 (Optional for other protection degree)										
Cable entry	Bottom (Optional for other cable entry)										