

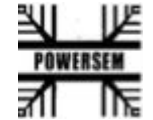


RECTIFIERS
The Custom Power Specialist

Product Line Card 2021



Our Manufacturers



The Custom Power Specialist

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About Us

GD Rectifiers is a Global Manufacturer and Distributor of products, services and solutions to commercial and industrial users of power electronic components.

Established in 1963, GD Rectifiers has over 50 years of extensive experience across a large range of markets, specialising in new and current technologies for industrial power control applications. An extensive product offering has built GD Rectifiers exceptional reputation as the go-to power specialist with innovative experience across: Aviation, Automotive, Rail, Medical, Industrial, and Electronics markets. The company has a RISQ accreditation enabling them to supply products and services to the GB rail industry.

GD Rectifiers are an **ISO 9001:2015** registered company that design and develop bespoke power semiconductor assemblies to control voltage, current and frequency for international industrial markets.



Products & Services

GD Rectifiers designs and manufactures Selenium and Silicon Rectifiers, Suppressors, Converters, Inverters, Regulators and all other power products for Industrial power control applications. The company distributes state of the art Diodes, Thyristors, IGBTs and MOSFETs from the world's leading manufacturers including: IXYS, IXYS UK Westcode, Semikron, and EDI.

GD Rectifiers manufacture an extensive range of power components and assemblies. The company also supplies a wide range of Heat Sinks suitable for Power Semiconductors, LED Lighting and similar applications. GD Rectifiers also offer a repair and replacement service for faulty or ageing Semiconductor Rectifiers, Converters, Inverters, and Regulators.

The company also supply a comprehensive range of cooling products, including heat pipe systems, insulated water coolers and mechanical clamps for capsule semiconductors. GD Rectifiers are a distribution agent for AC and DC fixed-voltage fans, and can supply 110V / 230V dual input voltage fans with a variety of sizes, catering for all requirements.



Certifications

GD Rectifiers has the following industry certifications:

- **ISO 9001:2015** – the leading quality management standard for business-to-business companies
- **RISQ Qualified** - enabling us to supply products and services to the GB rail industry
- **BSI EN 60947-4-3:2014** – compliance in low-voltage switchgear and control gear, contactors and motor starters AC semiconductor controllers and contactors for non-motor loads
- **BSI EN 60146-1-1:2010** – compliance in semiconductor converters, general requirements and line commutated converters, specification of basic requirements



Technical Support & Expert Advice

GD Rectifiers is proud of its experienced, friendly and innovative technical team, helping to assist customers through design and component specification phases. This is particularly useful when GD Rectifiers' specialist product division considers a semiconductor solution.

Providing technical support and account management 24/7, GD Rectifiers prides itself on its outstanding end-to-end service by working directly with customers on the design process in order to connect them to the right technology, at the right time, at the right price.

Dedicated Sales Team

GD Rectifiers have a dedicated technical sales team supplying a complete power electronic component solution to all power electronic market sectors.

GD Rectifiers are the UK's leading distributors for some of the world's leading manufacturers of IGBT / MOSFET Modules and Discrete, Thyristor / Diode Modules and Capsules, Capacitors (AC, DC and Snubber, Energy Storage, Track Circuit, Electrolytic and Ultra low Temperature Electrolytic Capacitors), Fans, Current and Voltage Transducers, Wound Components, Fuses, Heat Sinks, Resistors, and Varistors whilst also offering complete custom power assembly design and manufacture capabilities.

With it's technical and commercial expertise acquired over the past 50 years, GD Rectifiers offers the highest quality service whilst giving the most competitive engineered power component pricing and solution.

Sales Representatives

GD Rectifiers' central sales team are based in their Head Office in Burgess Hill, West Sussex. They also have a regional sales team that travel across the UK to discuss client requirements. The sales team have over 100 years combined experience in design, manufacture and sales of power electronic components.





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