



Product Line Card 2018













Our Manufacturers





































































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 <u>ISO 9001:2008</u> 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 it's 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 its technical and commercial expertise acquired over the past 50 years, GD Rectifiers is able to offer 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.



	RECTIFIERS	TIXYS	IXYS UKWESTCODE	SEMIKRON innovation+service	SEMTECH	EYNEX	VISHAY.	united automation	EICHHOFF	FATON Pavering Business Worldwide	Committee of the Commit	SIRIO	Ferraz Shawmut	Messew	BI-Sonic	P Fuji Electric	Infineon	apicapacitors	MITSUBISHI ELECTRIC	TELCON	Scherungen Fuses
Circuit Protection																					
Fuse Gear										✓			✓	\checkmark							\checkmark
Fuses										\checkmark			\checkmark	\checkmark							\checkmark
Surge Arrestors	\checkmark													\checkmark							
Varistors	✓																				
Drivers																					
IGBT Gate Drivers		✓														\checkmark					
Thyristors	\checkmark	\checkmark	\checkmark	\checkmark		✓	✓										\checkmark				
Heat Sinks & Hardware																					
Air Cooled Heat Sinks	✓		✓	✓		✓															
Aluminium Heat Sinks	✓			✓		\checkmark															
Current Transformers												✓									
HF & Pulse Transformers												✓									
Hollow Fin Heat Sinks	✓																				
Solid Fin Heat Sinks	\checkmark		✓	✓		\checkmark															



	RECTIFIERS	TIXYS	SIXXI UK WESTCODE	SEMIKRON innovation+service	SEMTECH	BYNCX	VISHAY.	United automation	EICHHOFF	Florening Business Worldwide		SIRIO	Ferraz Shawmut	Measen	BI-Sonic	MARKET IN THE	FUJI Electric	Infineon	apicapacitor 🖨	MITSUBISH	TELCON	Siderungen Flases
Passives																						
AC & DC Capacitors	\checkmark		✓													✓			✓			
Custom Designed Capacitors	✓																		\checkmark			
EMC / EMI / RFI Filters									\checkmark													
Energy Storage Capacitor																			\checkmark			
Film Capacitors	\checkmark						✓									✓						
Inductors & Chokes	✓						Í					✓										
PFC & Power Capacitors																\checkmark						
Resistors	\checkmark																					
Snubber Capacitor	\checkmark						√									\checkmark			\checkmark			
Track Circuit Capacitor																			\checkmark			
Ultra Low Temperature Capacitor	√																		\checkmark			
Semiconductors																						
Diodes		\checkmark	✓	✓	✓	\checkmark	\checkmark				✓					✓	\checkmark	\checkmark				
IGBTs		\checkmark	\checkmark	✓		\checkmark	\checkmark										\checkmark	✓		✓		
MOSFETs		✓		✓			\checkmark										✓			\checkmark		
Pulse Transformers				✓								\checkmark										
Selenium Rectifiers	\checkmark																					



	RECTIFIERS	TIXYS	OK WESTCOD	SEMIKRON innovation+service	SEMTECH	®¥Nex	VISHAY.	United automation	FATCON Preeing Business Wholds	EICHNOFF	According to	SiRiO Cappens	Ferraz Shawmu	Mease	BI-Sonic	NOWERSEN	P Fuji Electr	Infineon	api capacitor	MITSUBISH	TELCON	Sicherungen Fisses
Semiconductors																						
Rectifiers	✓	✓		✓	✓	✓	\checkmark				\checkmark							✓				
Thyristors	\checkmark	✓	\checkmark	\checkmark		\checkmark	\checkmark															
GTO Thyristors			\checkmark				\checkmark															
Sensors & Transducers																						
Current Transducers												✓									\checkmark	
Voltage Transducers												✓									\checkmark	
Thermal Management																						
Axial Fans	✓														\checkmark							
Fan Accessories	\checkmark														\checkmark							
Thermal Trips	\checkmark																					
Power Assemblies & Controllers																						
Firing Circuits/Trigger Modules								\checkmark														
Photovoltaic Triple Diode Assembly	\checkmark																					
Power Assemblies	\checkmark		√	\checkmark		\checkmark		\checkmark														
Rotating Diode Assemblies	\checkmark																					
Selenium Rectifiers & Suppressors	\checkmark																					
Technical and Data Selection	\checkmark																					





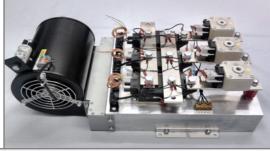




















Bentley House 2 William Way **Burgess Hill** West Sussex RH159AG

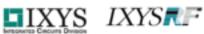


















































@GDRectifiers











