



Product Line Card 2020



Our Manufacturers



The Custom Power Specialist

www.gdrectifiers.co.uk

Tel: 01444 243 452 Email: <u>enquiries@gdrectifiers.co.uk</u>





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 1964, 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 9001:2015</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.





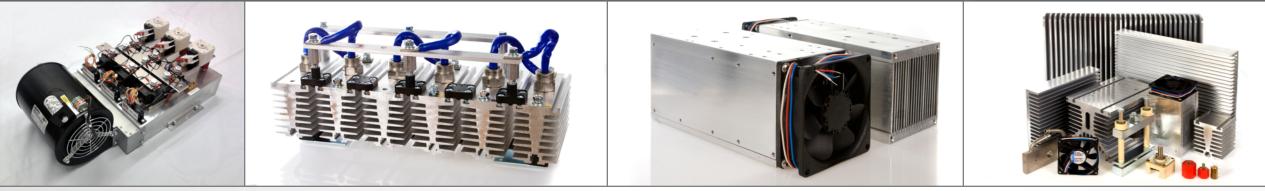
Certifications

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.





	RECTFIERS	SXXI 🕅	SXXI	SEMIKRON innovation+service	SEMTECH	@ DYNEX	VISHAY.	A until admitta	ECHAOF		5	SIRIO	Ferraz Shawmut	Nassaw	BI-Sonk	22	Puj Bechic	infineon	O opicapacitors	TELCON	SIBA Meruphian
Circuit Protection																					
Fuse Gear										\checkmark			\checkmark	\checkmark							\checkmark
Fuses										\checkmark			\checkmark	\checkmark							\checkmark
Surge Arrestors	\checkmark													\checkmark							
Varistors	\checkmark																				
Drivers																					
IGBT Gate Drivers		\checkmark															\checkmark				
Thyristors	\checkmark	\checkmark	\checkmark	\checkmark		\checkmark	\checkmark											\checkmark			
Heat Sinks & Hardware																					
Air Cooled Heat Sinks	\checkmark		\checkmark	\checkmark		\checkmark															
Aluminium Heat Sinks	\checkmark			\checkmark		\checkmark															
Current Transformers												\checkmark									
HF & Pulse Transformers												\checkmark									
Hollow Fin Heat Sinks	\checkmark																				
Solid Fin Heat Sinks	\checkmark		\checkmark	\checkmark		\checkmark															



	ECTIFIERS	SXXI 🎢	SXXI	SEMIKRON innovation+service	SEMTECH	C BYNCX	VISHAY.	the admittion	ECHNOR			SIRIO	Ferraz	Vastav	-Sonk		PO Fuji Blectric	Infineon	 apicapacitors 		IBA expelitor
Passives			6	HI E	3	3	₽ 5	3		1 1		<u></u>	ᅹᅘ	٤		z¶≇hs	<u> </u>		Ö	Ħ	S a
AC & DC Capacitors	\checkmark	\checkmark														\checkmark			\checkmark		
Custom Designed Capacitors	\checkmark																		\checkmark		
EMC / EMI / RFI Filters									\checkmark												
Energy Storage Capacitor																			\checkmark		
Film Capacitors	\checkmark						\checkmark									\checkmark					
Inductors & Chokes	\checkmark											\checkmark									
PFC & Power Capacitors																\checkmark					
Resistors	\checkmark																				
Snubber Capacitor	\checkmark						\checkmark									\checkmark			\checkmark		
Track Circuit Capacitor																			\checkmark		
Ultra Low Temperature Capacitor	\checkmark																		\checkmark		
Semiconductors																					
Diodes		\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark				\checkmark					\checkmark	\checkmark	\checkmark			
IGBTs		\checkmark	\checkmark	\checkmark		\checkmark	\checkmark										\checkmark	\checkmark			
MOSFETs		\checkmark		\checkmark			\checkmark										\checkmark				
Pulse Transformers				\checkmark								\checkmark									
Selenium Rectifiers																					



	RECTIFIERS		UK WESTCODE	SEMIKRON innovation+service	SEMTECH	C BYNEX	VISHAY.	Me united automation	FATON Proving Baires Workede	EICHHOF		Andrew Construction	Ferraz Shawmut	NassaM	BI-Sonic	Fuji Electric	Infineon	e apicapacitors		SIBA Scherurgen[Tuzes
Semiconductors																				
Rectifiers	\checkmark	\checkmark		\checkmark	\checkmark	\checkmark	\checkmark				\checkmark						\checkmark			
Thyristors	\checkmark	\checkmark	\checkmark	\checkmark		\checkmark	\checkmark													
GTO Thyristors			\checkmark				\checkmark													
Sensors & Transducers																				
Current Transducers												\checkmark							\checkmark	
Voltage Transducers												\checkmark							\checkmark	
Thermal Management																				
Axial Fans	\checkmark														\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		\checkmark												
Rotating Diode Assemblies	\checkmark																			
Selenium Rectifiers & Suppressors	\checkmark																			
Technical and Data Selection	\checkmark																			









www.gdrectifiers.co.uk

Tel: 01444 243 452 Email: <u>enquiries@gdrectifiers.co.uk</u>