

LATCHING RELAY



World Class Energy Management Solutions



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About KG Technologies. Inc.

Switch • Measure • Protect

KG Technologies, founded in 1999, is dedicated to innovative development and high quality/high volume manufacturing of latching relays for the Global Energy Market. We are a preferred supplier due to our ability to provide value-add, cost-effective solutions to our customers with the highest quality global standards, and flexible delivery. For our customers, this translates into significant savings in cost.

In 2015, Hongfa Group, the largest latching relay manufacturer in the world, acquired KG Technologies, broadening our product line with a variety of products including power and signal relays, HVDC contactors, current transformers, and smart circuit breakers.

The combined companies have become the largest producer of latching relays in the world. As we continue to grow, we will add additional Energy Management Solutions to our portfolio.



Solutions



KG Relays are the Leading Solutions for the following Markets

- Utility Power Management
- Building Energy Management
- Renewable Energy and Energy Storage
- Electrical Vehicle and EV Charging

From metering to monitoring applications KGT is the market leader with decades of experience in delivering high quality solutions to meet the customer's specific requirements.

Our Relays Offer the Best Value in the Market

We offer a line of relays including latching, HVDC, power, industrial and signal. Designed, built, and tested to meet the industry's highest performance standards, KG Technologies relays offer the best value in the energy management market.

Headquartered in the USA, we are a global company with a team of sales representatives and experienced engineers and ready to meet your needs.

KG Works With You So That Our Products Work For You!

Manufacturing Capabilities

Hongfa, the Largest Relay Manufacturer in the World



Hongfa is the Industry Leader in Relay Design, Development, Manufacturing and Testing

Hongfa Group was founded in 1984 and has established a full-range and well-equipped industrial system by upholding the company spirit of “persevere for progress; strive for excellence”. Hongfa has set up three relay R&D facilities and multiple production factories with nearly 14,000 employees globally. Hongfa products cover various product segments including relays, low-voltage and high-voltage devices, capacitors, precision parts and automatic production equipment, which are widely used in industrial, energy, transportation, telecommunication, home appliance, and medical areas.

- Over 35 years' experience in R&D and production
- 30 Subsidiaries globally
- Over 1 million square meters of plants
- 14,000 employees worldwide
- Two billion relays shipped annually



Customization

The Most Reliable Relays in the Market

KG Technologies provides flexible solutions from the design process through final product delivery. At the start of each project, we work with our customers' engineers to understand their specific product needs and develop the most cost-effective and high-performance assemblies. We design our products to improve form, fit, as well as optimize performance.

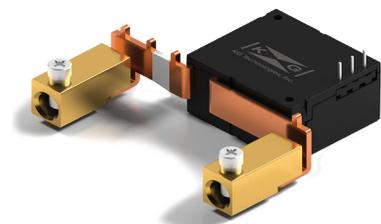
KGT Specializes in Customization and Value Added Services

The KG Team offers their expertise in customization (some examples below)

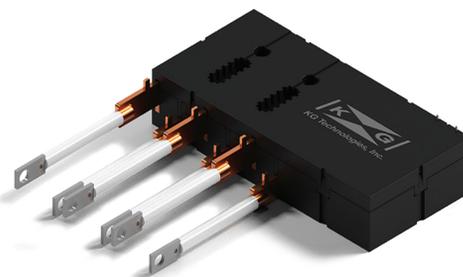
- Links / busbars
- Injection molding
- Service Disconnect and non-SD meter base assemblies
- e-Beam welding
- Custom packaging and labelling
- Full Electrical and environmental test capabilities



ANSI Class 200 2S with
Current Sensing

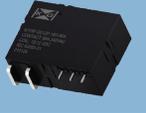


Symmetrical Single-Phase



Din Poly-Phase

Latching Relays

Part Number	Contact Form	Contact Rating	Prepaid System	Max Switching Power	Dimensions (mm)	Product Image
K106 <i>Non-Metering</i>	1A, 1B, 1C	20A @ 250Vac 16A @ 250Vac	277Vac	4,000VA	29.0 x 12.7 x 15.7	
K107 <i>Non-Metering</i>	1A, 1B 2A, 2B, 1X	10A @ 250Vac 8A @ 250Vac	380Vac	2500W 2000W	20.0 x 15.0 x 10.2	
K108 <i>Non-Metering</i>	1A, 2A, 1A+1B	8A @ 250Vac 5A @ 250Vac 5A @ 30Vdc	380Vac 240Vdc	2,000VA 150W	20.2 x 11.3 x 10.5	
K110A <i>Non-Metering</i>	1A, 1B, 1C	50A @ 277Vac	440Vac	12,500VA	39.0 x 15.0 x 30.2	
K110B <i>Non-Metering</i>	1A, 1B	50A @ 60Vdc 50A @ 150Vdc 50A @ 250Vdc	440Vac	22,000VA	39.0 x 21.4 x 30.2	
K119-60	1A, 1B	60A @ 276Vac	UC1 (IEC 62055-31)	16,500VA	38.1 x 30.0 x 16.5	
K119-90	1A, 1B	90A @ 276Vac	UC2 (IEC 62055-31)	16,560VA	38.1 x 30.0 x 16.5	
K119F-90	1A, 1B	60A @ 276Vac	UC2 (IEC 62055-31)	16,560VA	38.1 x 30.0 x 16.5	
K120	1A, 1B	100A @ 220Vac	UC3 (IEC 62052-31)	22,000VA	52.0 x 43.0 x 22.0	
K121	1A, 1B	120A @ 240Vac	UC3 (IEC 62052-31)	24,000VA	52.0 x 43.0 x 22.0	
K125-100	1A, 1B	100A @ 276Vac	UC3 (IEC 62055-31)	27,600VA	43.0 x 37.0 x 22.90	
K125-90	1A, 1B	90A @ 276Vac 100A @ 240Vac	UC3 (IEC 62052-31) UC3 (IEC 62055-31)	24,840VA	43.0 x 37.0 x 22.90	

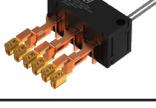
Latching Relays

Part Number	Contact Form	Contact Rating	Prepaid System	Max Switching Power	Dimensions (mm)	Product Image
K126-100	1A,1B	100A @ 276Vac	UC3 (IEC 62055-31)	27,600VA	43.0 x 37.0 x 22.90	
K127-100	1A, 1B	100A @ 276Vac	UC3 (IEC 62055-31)	27,600VA	43.2 x 37.2 x 22.0	
K127-90	1A, 1B	100A @ 240Vac 90A @ 276Vac	UC3 (IEC 62055-31) @240V, 100A UC3 (IEC 62055-31) @276V, 90A	24,840VA	43.2 x 37.2 x 22.0	
K128	1A, 1B	200A @ 240Vac	227Vac	44,000VA	61.3 x 57.0 x 29.3	
K137 <i>Non-Metering</i>	1A, 1B	100A @ 240Vac	440Vac	24,400VA	43.2 x 37.0 x 22.0	
K150	1A, 1B	80A @ 264.5Vac	UC2 (IEC 62055-31)	21,160VA	39.0 x 30.0 x 18.5	
K152 <i>Non-Metering</i>	1C	120A @ 220Vac	440Vac	26,400VA	57.0 x 53.0 x 22.0	
K153	1A, 1B	60A @ 276Vac	UC2 (IEC 62055-31)	16,560VA	39.6 x 30.3 x 16.7	
K161	1A, 1B	100A @ 240Vac	UC3 (IEC 62052-31)	27,600VA	43.0 x 40.0 x 18.0	
K163	1A, 1B	200A @ 240Vac	277Vac	48,000VA	60.6 x 50.7 x 26.3	
K170	1A, 1B	150A @ 220Vac	UC3 (IEC 62052-31)	37,950VA	64.9 x 30.5 x 21.0	
K176	1A, 1B	100A @ 240Vac 90A @ 276Vac	UC3 (IEC 62052-31) @240V, 100A UC3 (IEC 62055-31) @276V, 90A	24,840VA	42.0 x 32.0 x 20.8	

Latching Relays

Part Number	Contact Form	Contact Rating	Prepaid System	Max Switching Power	Dimensions (mm)	Product Image
K218-60	2A, 2B	60A @240Vac	276Vac	14,400VA	55.6 x 30.5 x 16.5	
K218-80	2A, 2B	80A @ 240Vac	UC3 (IEC 62052-31)	19,200VA	55.6 x 30.7 x 16.5	
K219	2A, 2B	60A @ 276Vac	UC2 (IEC 62055-31)	16,560VA	54.9 x 35 x 19.5	
K237	2A, 2B	100A @ 230Vac	UC3 (IEC 62052-31)	23,000VA	60.0 x 52.0 x 23.0	
K240	2A, 2B	200A @ 240Vac	ANSI C12.1	48,000VA	74.8 x 73.3 x 29.5	
K246	2A, 2B	200A @ 240Vac	ANSI C12.1	48,000VA	73.3 x 74.8 x 29.8	
K247	2A, 2B	200A @ 240Vac	276Vac	55,200VA	74.8 x 98.1 x 29.5	
K248	2A, 2B	320A @ 240Vac	ANSI C12.1	76,800VA	120.35 x 92.4 x 51.9	
K249	2A, 2B	200A @ 240Vac	276Vac	48,000VA	89.5 x 122.0 x 39.3	
K268	2A, 2B	100A @ 276Vac	276Vac	27,600VA	59.9 x 42.5 x 24.6	
K276	2A, 2B	100A @ 240Vac	UC3 (EC 62052-31)	24,000VA	59.9 x 41.5 x 24.3	
K300	3A, 3B	100A @ 220Vac	UC3 (IEC 62052-31)	22,000VA	115.0 x 54.0 x 24.0	

Latching Relays

Part Number	Contact Form	Contact Rating	Prepaid System	Max Switching Power	Dimensions (mm)	Product Image
K303	3A, 3B	80A @ 277Vac	UC2 (IEC 62055-31)	15,870VA	100.5 x 45.3 x 22.5	
K316A	3A, 3B	100A @ 264.5Vac	UC3 (IEC 62052-31)	26,450VA	115.0 x 48.0 x 26.0	
K316B	3A, 3B	100A @ 264.5Vac	UC3 (IEC 62052-31)	26,450VA	115.0 x 48.0 x 26.0	
K345	3A, 3B	80A @ 230Vac	UC3 (IEC 62052-31)	18,400VA	95.5 x 76.6 x 34.0	
K375	3A, 3B	80A @ 230Vac	UC3 (IEC 62052-31)	18,400VA	95.5 x 76.6 x 34.0	

Quality Statement

KG Technologies Inc.'s commitment is to ensure that our services and products consistently meet our customers' expectations, delivered on time and defect free.

We also ensure that our products are compliant with all relevant statutory and regulatory requirements including those from IEC, ANSI and UL regulatory bodies.

Our various product delivery teams are highly skilled and are focused on ensuring that through innovation and creativity we are committed to continual improvement of our product quality and reliability, as well as the efficiency of our service offerings.

Production Quality Standards

RoHS - KG conforms to the requirements of the RoHS directive (2011/65/EU). This directive specifies the restrictions of the use of hazardous substances in Electrical and Electronic markets in Europe.

REACH - The European Union's REACH Directive (EC 1907/2006) is designed to regulate the Registration, Evaluation, Authorization and Restriction of Chemical Substances.

Conflict Minerals Policy - We are committed to support ending the violence and human rights violations in the mining of certain minerals from a location described as the "Conflict Region."

In addition to our commitments, we must meet regulatory obligations. For more information view our statement at www.kgtechnologies.net - Environmental Policies Page.

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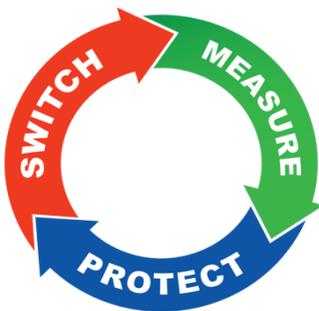
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We Speak Your Language!
KG Technologies, a Diversified Company
Serving a Diversified Customer Base Globally



***We strive to provide our customers
with commitment, teamwork and respect!***



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