



# [Compressor, Jiaxipera, TT1113GY, 1/5 hp](#)

Category: Refrigeration

written by [www.mbsmpro.com](http://www.mbsmpro.com) | January 16, 2026



The Jiaxipera TT1113GY is a high-performance hermetic compressor engineered for Low Back Pressure applications using R600a (Isobutane). Featuring a 11.3 cm<sup>3</sup> displacement and a cooling capacity of 183 Watts, it represents the gold standard for modern energy-efficient refrigeration, offering exceptional reliability and reduced acoustic emissions in the domestic market.

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## [Free money Copper](#)

Category: Mbsmpro

written by [www.mbsmpro.com](http://www.mbsmpro.com) | January 16, 2026



In the world of refrigeration maintenance, a pile of discarded components tells a story of hard work and technical precision. Every replaced filter drier represents a saved compressor, and every vacuum pump represents a system brought down to perfect microns. This guide explores the technical value behind HVAC scrap and the essential tools used in the trade.

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## [855AWP-1A-C2 30A power relay](#)

Category: Electronic

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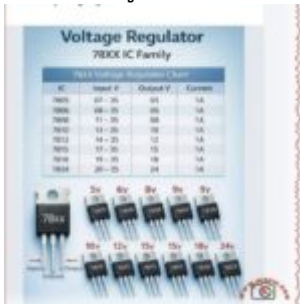


The Song Chuan 855AWP-1A-C2 is a high-performance 30A power relay designed for demanding electrical environments requiring robust 12V DC coil actuation. Primarily used in HVAC systems and heavy-duty industrial controls, this relay ensures reliable switching for loads up to 240VAC. This comprehensive guide provides essential technical insights, wiring configurations, and engineering advice for professionals.

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## [78XX IC Family, Voltage Regulator](#)

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written by [www.mbsmpro.com](http://www.mbsmpro.com) | January 16, 2026



The 78XX series is the industry-standard family of linear voltage regulators, providing fixed regulated output from 5V to 24V at up to 1.5A. This comprehensive guide covers the 7805, 7812, 7815, and 7824 variants, their specifications, internal architecture, thermal design, practical circuit applications, and professional troubleshooting tips for reliable power supply design.

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## [Kelvinator Inverter AC, Error](#)

Category: Air Conditioner  
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CODE	ERROR DESCRIPTION
E1	Indoor machine EE fault
E2	Indoor fan fault
E3	Indoor Fan Zero-crossing detection abnormal
E4	Indoor coil sensor fault
E5	Indoor ambient temperature sensor fault
F0	Outdoor EE fault
F1	Indoor and outdoor machine communication fault
F2	Compressor starting abnormal phase failure, reverse
F3	Compressor not stop fault
F4	IPM module fault
F5	Compressor shell coil fault/protection
F6	Discharge temperature sensor fault
F7	Suction temperature sensor fault
F8	Outdoor coil temperature sensor fault
F9	Outdoor ambient temperature sensor fault
F10	Outdoor DC fan fault
F11	Outdoor communication fault

When your Kelvinator inverter split air conditioner displays an error code (E1, E2, E3, F1, F2, F3, etc.), it is signaling a specific system fault. This comprehensive guide explains every major error code—from sensor failures and communication breakdowns to compressor and power module protection triggers—and provides professional troubleshooting steps.

## [Transistor IGBT, G80N60UFD, 600 V, 80 A](#)

Category: Electronic

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The G80N60UFD is an ultrafast 600 V, 80 A insulated-gate bipolar transistor in a robust TO-3P package, designed for high-efficiency industrial inverters. Combining MOSFET-like gate control with low saturation voltage and a co-pack fast recovery diode, it is ideal for motor drives, induction heating, welding machines, UPS and PFC stages.

## [MCB miniature circuit breaker thermal magnetic protection mechanism](#)

Category: Global Electric

written by [www.mbsmpro.com](http://www.mbsmpro.com) | January 16, 2026



An MCB (Miniature Circuit Breaker) is an automatic electrical switch that protects circuits from overloads and short circuits. Using dual thermal-magnetic mechanisms, MCBs detect abnormal currents and instantly disconnect power to prevent equipment damage and fire hazards. Compact, reliable, and essential for modern electrical safety.

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## [ACME Flare Types](#)

Category: Equipment

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Refrigeration compressor thread connections are critical components in HVAC systems. Understanding ACME flare specifications, including 7/8" suction, 5/8" discharge, and 1/2" process ports, ensures proper equipment selection, safe installations, and efficient cooling operations in industrial refrigeration applications.