

00-117-344

Industrial automation components

Manufacturer	Kuka
Catalog number	00-117-344
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	KUKA
Part Number	00-117-344
Product Type	Servo Drive Module
Operating Voltage	220V
Output Frequency	50 kHz
Communication Interface	Ethernet/IP
Overload Protection	Yes, with adjustable settings
Operating Temperature Range	-10°C to +50°C
Dimensions	230 mm x 150 mm x 80 mm
Weight	2 kg

Description

The KUKA 00-117-344, also known as the KSD1-48 Servo Drive Module, is a high-performance component designed for precise motion control in industrial automation systems. Manufactured by KUKA, a leading provider of industrial automation solutions, this module is integral to the KUKA Robot Controller (KRC2) series, ensuring efficient and reliable operation of robotic systems. Key features include an operating voltage of 220V, output frequency of 50 kHz, and compatibility with KUKA servo motors. The module supports communication via Ethernet/IP, facilitating seamless integration into existing automation networks. It offers advanced overload protection with adjustable settings, enhancing operational safety and extending equipment lifespan. Designed to operate within a wide temperature range of -10°C to +50°C, the KSD1-48 is suitable for various industrial environments. Its compact dimensions (230 mm x 150 mm x 80 mm) and lightweight design (2 kg) allow for easy installation and maintenance. This servo drive module is ideal for applications requiring high-speed and high-precision movements, such as manufacturing, energy, marine, logistics, and pharmaceuticals. By choosing the KUKA 00-117-344, industries can ensure system compatibility, extended equipment lifespan, and reduced downtime, maintaining optimal performance in demanding automation tasks.