

KDS1.1-150-300-W1-220/S104

Industrial automation components

Manufacturer	Indramat
Catalog number	kds11-150-300-w1-220s104
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Indramat
Part Number	KDS1.1-150-300-W1-220/S104
Current Rating	150 A
Link Circuit Voltage	300 V DC
Cooling Mode	Natural Convection
Heat Exchanger	External
Mounting Orientation	Vertical
Control Cabinet Requirement	Closed with External Fan Ventilation
Differential Inputs	1
Summing Inputs	2
LED Diagnostic Display	Yes
Programming Module	MOD

Description

The Indramat KDS1.1-150-300-W1-220/S104 is a high-performance servo drive module engineered for precise control in industrial automation systems, particularly those utilizing MAC 90 to MAC 160 series servomotors. Designed by Indramat, a leader in motion control technology, this module offers exceptional reliability and efficiency. Key features include a 150 A current rating, a 300 V DC link voltage, and an integrated heat sink with an external heat exchanger for optimal thermal management. The drive employs cold-running technology to prevent overheating, ensuring consistent performance in demanding applications. It requires vertical mounting within a closed control cabinet equipped with external fan ventilation. The module is equipped with one differential input and two summing inputs, facilitating versatile integration into various control systems. Additionally, it features an LED diagnostic display for real-time monitoring and a programming module (MOD) that simplifies servicing without the need for adjustments. The KDS1.1-150-300-W1-220/S104 operates under humidity class F and has an ingress protection rating of IP 10, indicating suitability for clean environments. This servo drive module is ideal for applications requiring high-speed, precise control, such as in woodworking and production machinery.