DDS21-W100-DA02-00

Industrial automation components

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Manufacturer	Indramat
Catalog number	dds21-w100-da02-00
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Product Type	AC Servo Drive Controller
Series	DDS02.1
Version	1
Cooling Style	Air, control cabinet external air (internal)
Motor Feedback	Digital Servo Feedback
Communication Module	Analog Interface
Protection Class	IP20
Operating Temperature Range	5–45°C

Description

The Indramat DDS02.1-W100-DA02-00 is a digital and modular AC servo control drive unit from Indramat's DDS series, designed for high-precision speed and position control applications. This drive controller features a rated current of 100A and utilizes internal cooling, making it suitable for integration into control cabinets with adequate ventilation. It supports digital servo feedback, ensuring precise motor control and accurate response to deviations from programmed values. The unit operates within a temperature range of 5–45°C and conforms to the IP20 ingress protection standard, indicating protection against solid objects larger than 12 mm but not against water. The DDS02.1-W100-DA02-00 is compatible with Rexroth MKD and MDD motors and supports additional functionality through modular plug-in cards. Its modular design allows for flexibility and scalability in various industrial automation systems.

Automation Trader
960 Capability Green
Luton, Bedfordshire LU1 3PE
VAT ID: PL6463009354
REGON: 527345886
DUNS: 427734105
BDO: 000726360

Phone
+44 7418 359 399

Email
info@automationtrader.com

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