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MDX+ INTEGRATED SERVO MOTOR

MDX Plus - Fully integrated feature-rich servo motor system offering pulse, RS485, CANopen and EtherCAT communication modes

MDXR42JNLRCA000
Frame size 40mm, 24Vdc 100W, RS485/CANopen, incremental encoder, without brake, IP20



- Ultra compact servo motor with integrated motion controller
- Supports CANopen, EtherCAT and RS485 communication
- Torque up to 1.8Nm at 3000rpm
- Easy set up with dedicated software
- Options for brake, STO and IP65 protection

PRODUCT DESCRIPTION

The MDX+ series is a low-voltage fully integrated servo motor system with power range covering 100 to 550W.
These integrated motors include built-in drive and motion controller, and support pulse, RS485, CANopen, EtherCAT communication protocols. Brake and STO features are available as options, with ingress protection to IP65. The MDX+ servo drive is easy to configure over USB with the dedicated free-to-download Luna PC software.
The motors excel in many applications and can greatly reduce the cabling and set-up required on a control system compared to equivalent stand-alone components with associated cabling, typically by 25-50%.

TECHNICAL DATA

Communication	CANopen, Modbus
Frame size	40 mm
IP class	IP20
Nominal speed	3000 rpm
Nominal torque	0.32
Power	100 W
Supply voltage	24-60 V DC