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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

MDXT42J5BECA000
Frame size 40mm, 24Vdc 100W, EtherCAT, absolute encoder, with brake, IP65




- 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

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|---|---|
| **Communication** | EtherCAT, Modbus |
| **Frame size** | 40 mm |
| **IP class** | IP65 |
| **Nominal speed** | 3000 rpm |
| **Nominal torque** | 0.32 |
| **Power** | 100 W |
| **Supply voltage** | 24-60 V DC |