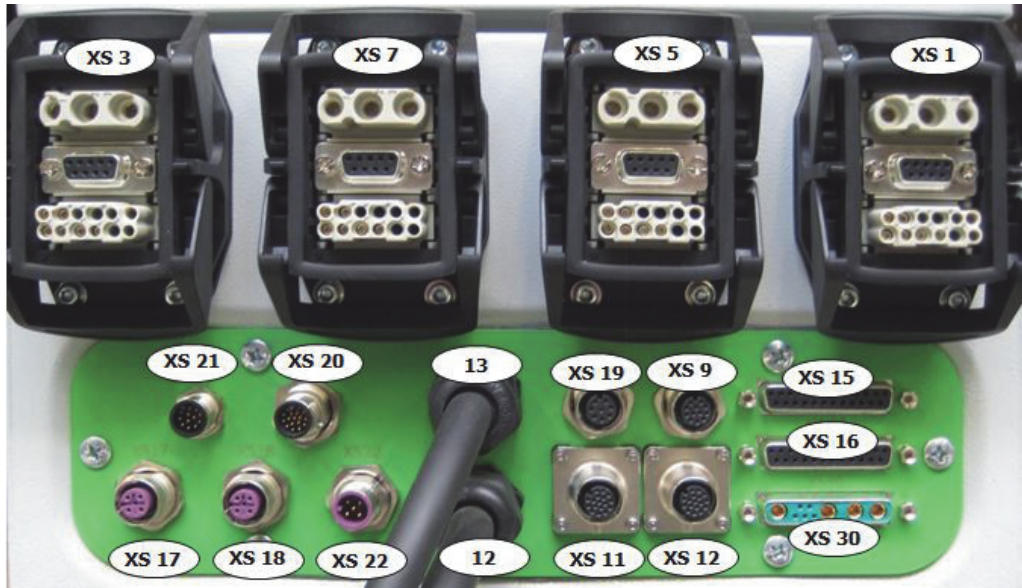


MecanumPowerBoxM

Product Code 9060073



Subject to modifications.

Motor controller for four MecanumDriveM-NL or M-HL; BLDC motor; braking current lowering; emergency stop

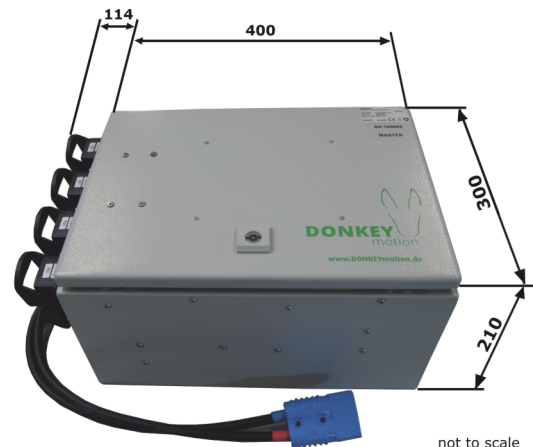
Connection to the MecanumDriveM, MecanumBrain, and other components with pre-assembled cable set

Robust enclosure for mounting on the chassis

Function	
CAN Interfaces	4
Motor Controller	4
Motor Voltage	48 V DC
Nominal Motor Current	50 A
Max. Current	200 A
Other	
H x W x D	210 x 300 x 400
Mounting	4 x blind rivet nuts M8
Mass	? kg
Colour	Light grey RAL 7035
Protection Class	IP54

Plug Overview

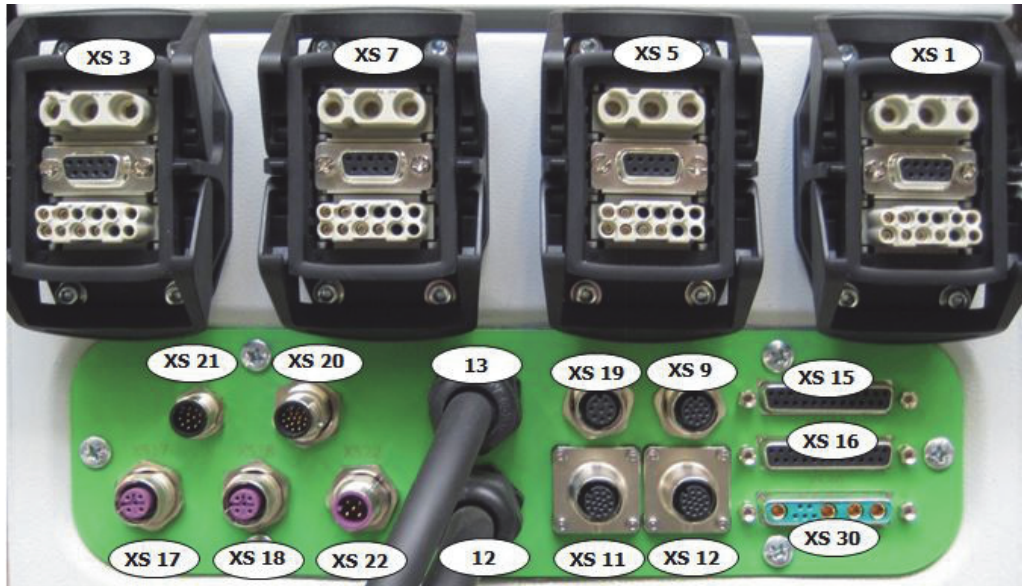
- XS 1 Motor front left
- XS 3 Motor front right
- XS 5 Motor rear left
- XS 7 Motor rear right
- XS 21 Control and signalling elements 2
- XS 20 Control and signalling elements 1
- XS 17 CAN bus 3
- XS 18 CAN bus 4
- XS 22 CAN bus 1, 2 / Master-Slave / CAN safety
- 13 System voltage 48 V @ Anderson plug
- 12 System voltage 0 V @ Anderson plug
- XS 19 Emergency stop / Remote control
- XS 9 Service socket
- XS 11 Auto: laserscanner 1
- XS 12 Auto: laserscanner 2
- XS 15 Brain connector 1
- XS 16 Brain connector 2
- XS 30 Voltage out 24 V (max. 75 W) / 48 V, external break release



not to scale

MecanumPowerBoxM

Artikel 9060073



Änderungen vorbehalten. Abbildung kann abweichen.

Motorsteuerung für vier Antriebe MecanumDriveM-NL oder M-HL;
BLDC-Motor; Bremsstromabsenkung; sicherer Not-Halt

Anschluss an weiteren Systemkomponenten (z.B. MecanumBrain) mit
vorkonfektionierten Kabelsätzen

Robustes Gehäuse zur Befestigung am Fahrgestell

Anschlussbelegung

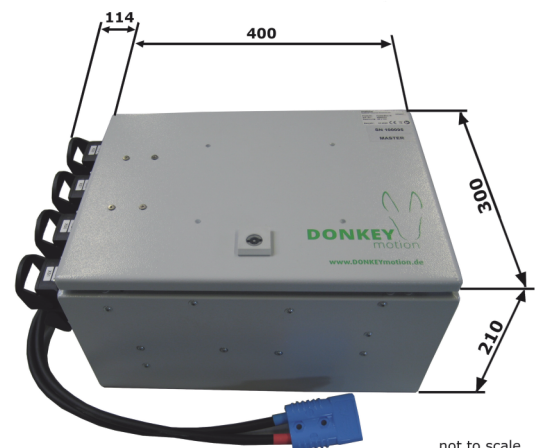
- XS 1 Motor vorne links
- XS 3 Motor vorne rechts
- XS 5 Motor hinten links
- XS 7 Motor hinten rechts
- XS 21 Bedien-/ Anzeigeelemente 2
- XS 20 Bedien-/ Anzeigeelemente 1
- XS 17 CAN bus 3
- XS 18 CAN bus 4
- XS 22 CAN bus 1, 2 / Verbund / Safety
- 13 Spannungsversorgung 48 V, an Anderson-Stecker
- 12 Spannungsversorgung 0 V, an Anderson-Stecker
- XS 19 Not-Halt / Fernbedienung
- XS 9 Servicebuchse
- XS 11 Auto: Laserscanner 1
- XS 12 Auto: Laserscanner 2
- XS 15 Brain Verbindung 1
- XS 16 Brain Verbindung 2
- XS30 Spannungsausgang 24 (bis max. 75 W) / 48 V, und
Brems lösen extern

Funktionsumfang

CAN Schnittstellen	4
Motorverstärker	4
Motorspannung	48 V
Nenn-Motorstrom	50 A
Max. Strom	200 A

Sonstige

H x B x T	210 x 300 x 400
Befestigung	4 x Blindnietmutter M8
Masse	? kg
Farbe	Lichtgrau RAL 7035
Schutzart	IP54



not to scale