OEM AUTOMATIC

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mini_motor®
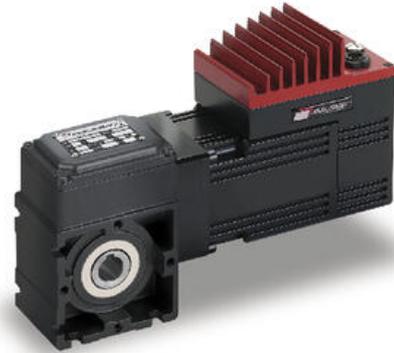MECHATRONIC SOLUTIONS

MINIMOTOR XCDBS BRUSHLESS SERVOMOTORS WITH WORM GEARBOX

XCDBS 80/50-5-B3
48 Vdc, 600rpm, 4.05nm, B3 mount

- Efficient and compact
- Saves seperate cable runs
- up to 35nm rated torque
- Open Bus protocols
- Reduce machine build components

PRODUCT DESCRIPTION

TECHNICAL DATA

4967_Rated current (A)	9.9
Ambient temperature	-10 … +40°C
CanOpen	Yes
CE approved	Yes
Communication	USB
Communication error protection	Yes
Digital inputs	2 pnp (24Vdc, 500kHz) , 3 pnp (24Vdc, 7kHz)
Electronic brake output	24Vdc, max 0.5A
Ethercat	Yes
Ethernet IP	Yes
Input voltage dc	48 Vdc
IP class	IP65
Memory error protection	Yes
Modbus RTU	Yes
Motor control algorythm	Sinusoidal brushless with 12Bit single-turn / 20Bit multi-turn absolute encoder
Nominal output frequency carrier	4/8/12 kHz
Nominal overload	150% x 60 sec
Nominal speed	600 rpm
Nominal torque	4.05
Output power	345 W

Outputs	1 NO 2A (42 Vdc)
Over voltage protection	Yes
Overcurrent protection	Yes
Overheat protection	Yes
Overload protection	Yes
Polarity reverse protection	Yes
PowerLink	Yes
ProfiNET	Yes
Ratio	5:1
Under voltage protection	Yes