OEM AUTOMATIC

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mini motor

MINIMOTOR MCEDBS-S3 BRUSHLESS SERVOMOTOR WITH PLANETARY GEARBOX

Intermittent Periodic Duty

MCEDBS-S3 55/50-37-B3
24/48 Vdc, 80rpm, 12.9nm, B3 mount

- Efficient and compact
- Saves individual cable runs
- up to 23.5nm
- Open Bus protocols
- Reduce machine build compenents

PRODUCT DESCRIPTION

TECHNICAL DATA

4967_Rated current (A)	8A@24V/4.2A@48V
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	24/48 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	200% x 60 sec
Nominal speed	80 rpm

Nominal torque	12.9
Output power	125 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	37.5:1
Under voltage protection	Yes