

MINIMOTOR PCDBS BRUSHLESS SERVOMOTORS WITH WORM GEARBOX

PCDBS 55/50-5-B3
 24/48 Vdc, 600rpm, 1.4nm, B3 mount

- Efficient and compact
- Saves separate cable runs
- up to 18.09nm rated torque
- Open Bus protocols
- Reduce machine build components



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 algorithm | 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 | 600 rpm |
| Nominal torque | 1.4 |
| 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 | 5:1 |
| Under voltage protection | Yes |