

motor controller

CMMB-AS-07

Part number: 5105644

FESTO



Data sheet

| Feature | Value |
|--|--|
| Mounting type | On sub-base Tightened |
| Product weight | 760 g |
| Display | Seven-segment display |
| Authorisation | c UL us - Listed (OL) |
| CE mark (see declaration of conformity) | to EU directive for EMC to EU directive low-voltage devices in accordance with EU RoHS directive |
| UKCA marking (see declaration of conformity) | To UK instructions for electrical equipment To UK instructions for EMC To UK RoHS instructions |
| Storage temperature | -10 ... 70 °C |
| Ambient temperature | 0 ... 40 °C |
| Relative air humidity | 5 - 95 % |
| Protection class | IP20 |
| Degree of contamination | 2 |
| Materials note | Conforms to RoHS |
| PWIS conformity | VDMA24364 zone III |
| Nominal operating voltage, phases | Single-phase |
| Nominal operating voltage, AC | 230 V |
| Permissible voltage fluctuation | +/- 10 % |
| Input voltage range AC | 200 ... 240 V |
| Line frequency | 50 ... 60 Hz |
| Nominal current | 7 A |
| Max. intermediate circuit voltage, DC | 300 V |
| Braking resistance | 300 Ohm |
| Braking resistor, external | 75 Ohm |
| Nominal DC voltage, logic power supply | 24 V |
| Permissible range, logic voltage | ± 10 % |
| Current consumption, logic power supply without clamping brake | 0.5 A |
| Output voltage range AC | 3x 0 - 240 V |
| Nominal output current | 7 A |
| Effective peak current per phase | 15 A |
| Max. peak current duration | 5 s |
| Nominal controller power | 750 VA |
| Peak power | 4,500 VA |
| Output frequency | 0 ... 400 Hz |
| Parameters configuring interface | Parameters configuration and commissioning RS232 (38400 Baud) |
| Process interface | Pulse/direction For 32 traversing records |
| Encoder interface output, characteristics | Resolution 65536 ppr |
| Encoder interface output, function | Setpoint specification for downstream slave drive unit |
| Encoder interface input, characteristics | Nikon A format |
| Encoder interface input, function | Encoder signal, speed setpoint in RPM |
| Number of digital logic inputs | 7 |

| Feature | Value |
|---|--|
| Logic input working range | 12.5 ... 30 V |
| Number of 24 V DC digital logic outputs | 5 |
| Digital logic output characteristics | Electrically isolated Freely configurable to a given extent |
| Max. current, digital logic outputs | 100 mA |
| Number of analogue setpoint inputs | 2 |
| Setpoint input characteristics | Differential inputs Can be configured for speed in RPM Can be configured for current |
| Setpoint input working range | ± 10 V |
| Setpoint input impedance | 350 kOhm |