

# Motor controller CMMB-AS-01

Part number: 5105641

FESTO



 General operating condition

## Data sheet

Feature	Value
Type of mounting	On sub-base Screwed tightly
Product weight	740 g
Display	Seven-segment display
Certification	c UL us - Listed (OL)
CE marking (see declaration of conformity)	As per EU EMC directive As per EU low voltage directive As per EU RoHS directive
UKCA marking (see declaration of conformity)	To UK RoHS instructions To UK instructions for electrical equipment
Storage temperature	-10 °C ... 70 °C
Ambient temperature	0 °C ... 40 °C
Relative air humidity	5 - 95 %
Degree of protection	IP20
Contamination level	2
Note on materials	RoHS-compliant
LABS (PWIS) conformity	VDMA24364 zone III
Nominal operating voltage phases	1-phase
Nominal operating voltage AC	230 V
Permissible voltage fluctuations	+/- 10 %
Input voltage range AC	200 V ... 240 V
Mains frequency	50 Hz ... 60 Hz
Nominal current	1.5 A
Max. DC link voltage	300 V
Braking resistor	300 Ohm
Braking resistor, external	75 Ohm
Nominal voltage, logic supply DC	24 V
Permissible range of logic voltage	± 10 %
Max. current consumption for logic supply without clamping brake	0.5 A
Output voltage range AC	3x 0 - 240 V
Nominal output current	1.5 A
Peak current per phase, effective	7 A
Max. peak current duration	5 s
Controller nominal power	100 VA
Peak power	2100 VA
Output frequency	0 Hz ... 400 Hz

Feature	Value
Parameterization interface	Parameterization and commissioning RS232 (38400 baud)
Process interfacing	Pulse/direction For 32 positioning blocks
Encoder interface output, characteristics	Resolution 65536 ppr
Output encoder interface, function	Setpoint specification for downstream slave actuator.
Encoder interface input, characteristics	Nikon A-format
Input encoder interface, function	Encoder signal speed setpoint value.
Number of digital logic inputs	7
Work range of logic input	12.5 V ... 30 V
Number of digital logic outputs 24 V DC	5
Characteristics of digital logic outputs	Galvanically isolated Freely configurable in some cases
Max. current of digital logic outputs	100 mA
Number of analog setpoint inputs	2
Characteristics of setpoint inputs	Differential inputs Configurable for rotational speed Configurable for current
Work range of setpoint input	± 10 V
Impedance of setpoint input	350 kOhm