

# motor controller

## CMMB-AS-01

Part number: 5105641

FESTO



## Data sheet

Feature	Value
Mounting type	On sub-base Tightened
Product weight	740 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	1.5 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	1.5 A
Effective peak current per phase	7 A
Max. peak current duration	5 s
Nominal controller power	100 VA
Peak power	2,100 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