Motor controller
CMMB-AS-07

FESTO

Part number: 5105644

Data sheet

Feature	Value
Type of mounting	On sub-base Screw-clamped
Product weight	760 g
Display	7-segment display
Approval	c UL us listed (OL)
CE mark (see declaration of conformity)	To EU EMC Directive To EU Low Voltage Directive In accordance with EU RoHS Directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions To UK regulations for electrical equipment
Storage temperature	-10 °C...70 °C
Ambient temperature	0 °C...40 °C
Relative air humidity	5 - 95%
Degree of protection	IP20
Pollution degree	2
Note on materials	RoHS-compliant
LABS (PWIS) conformity	VDMA24364 zone III
Phases of nominal operating voltage	Single-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	7 A
Max. intermediate circuit voltage DC	300 V
Brake resistance	300 Ohm
Brake resistor, external	75 Ohm
Nominal voltage for logic power supply DC	24 V
Permissible range for logic voltage	± 10 %
Current consumption of logic power supply without clamping brake	0.5 A
Output voltage class AC	3x 0 - 240 V
Nominal output current	7 A
Peak current per phase, effective	15 A

Feature	Value
Max. peak current duration	5 s
Controller nominal output	750 VA
Maximum output	4500 VA
Output frequency	0 Hz...400 Hz
Parameterisation interface	Parameterisation and commissioning RS232 (38400 baud)
Process interfacing	Pulse/direction For 32 position sets
Encoder interface output, features	Resolution 65536 ppr
Encoder interface output, function	Setpoint specification for downstream slave drive.
Encoder interface input, features	Nikon A-format
Encoder interface input, function	Setpoint speed value as encoder signal
Number of digital logic inputs	7
Working range of logic input	12.5 V...30 V
Number of digital logic outputs 24 V DC	5
Features of digital logic outputs	Galvanically isolated Freely configurable in some cases
Max. current digital logic outputs	100 mA
Number of analogue setpoint inputs	2
Features of setpoint inputs	Differential inputs Configurable for speed Configurable for current
Working range setpoint input	± 10 V
Impedance of setpoint input	350 kOhm