

Motor Controller CMMP-AS-C10-11A-P3-M3 - Festo 1501328

Item no. FES-1501328

Manufacturer Festo

EAN 4052568237929

Festo drive motor for precise, dynamic motion tasks in automation technology.

TECHNICAL DATA

HS-Code	85044085
Protection rating	IP10
Series	CMMP
Temperature (max.)	40
Weight	4.1 kg



DESCRIPTION

Festo drive motor for precise, dynamic motion tasks in automation technology. The key technical data of this genuine Festo article are listed below.

Fastening type	on connection plate Permanently screwed
Product weight [g]	3.450
Display	Seven segment display
Permission	RCM mark c UL us - Listed (OL)
CE certificate (see declaration of conformity)	to EU EMC directive to EU machinery directive to EU low voltage directive
Bearing temperature [°C]	-25 to 70
ambient temperature [°C]	0 to 40
Relative humidity	0 - 90 %
Protection category	IP10 IP20
Degree of contamination	2

Material information	LABS containing materials included RoHs compliant
Phase nominal operating voltage	3-phase
Nominal operating voltage AC [V]	400
Permitted voltage oscillations	± 10 %
Network frequency [Hz]	50 to 60
Nominal current [A]	11
Network filter	integrated
Max. intermediate circuit voltage DC [V]	560
Braking resistance [Ohm]	68
Impulse power braking resistance [kVA]	8,5
Nominal voltage logic supply DC [V]	24
Permitted range logic voltage	± 20 %
Power input logic supply without parking brake [A]	1,00
Output voltage range AC	3x 0 - 360 V
Nominal output current [A]	10,0
Nominal current per phase, effective [A]	10,0
Peak current per phase, effective [A]	20
Max. peak current duration [s]	5
Nominal performance controller [VA]	6.000
Peak performance [VA]	12.000

Output frequency [Hz]	0 to 1000
Parameterising interface	USB Ethernet Parameterising and commissioning
Fieldbus coupling	CANopen DeviceNet EtherCAT EtherNet/IP Modbus/TCP PROFINET Profibus DP
Communication profile	DS301/DSP402 FHPP
Process coupling	I/O coupling for 256 mobile sets
Max. fieldbus transfer rate [Mbit/s]	1
Bus connector	Sub-D 9 pin Plug
Encoder output interface, properties	Resolution 16384 ppr
Encoder output interface, function	Actual value feedback via encoder signals for speed control mode Target value for downstream switched slave actuator
Encoder input interface, properties	EnDat HIPERFACE RS422 SINCOS 3 phase encoder signals
Encoder input interface, function	In synchronous mode as a speed preset of the slave actuator Encoder signal target speed value
Quantity digital logic inputs	10
Properties logic inputs	Freely configurable Galvanically separated
Work area logic input [V]	8 to 30
Quantity digital logic outputs 24 V DC	5
Properties digital logic outputs	Galvanically separated Partially freely configurable
Max. current digital logic outputs [mA]	100
Quantity analogue target value inputs	2
Properties target value inputs	Differential inputs Configurable for speed Configurable for current
Work area target value input	± 10 V
Impedance target value input [kOhm]	20

Quantity analogue monitor outputs	2
Work area monitor outputs	$\pm 10\text{ V}$
Resolution monitor outputs [Bit]	9
Properties monitor outputs	Short circuit proof