

PMctendo DD5.03/000/0/0/0/110-230VAC

8176000



Servo amplifiers Technical data at 3 x 230 V AC: Continuous output current: 3 A; I_{max} (5 s) = 9 A; Power consumption in S1 mode: 1.1 kVA
Integral brake resistor

Technical details

General data	
Approval:	CE
Technical data	
Electrical data	
Purpose of phase range:	Mains supply
Supply voltage (V):	110 - 230 V
Supply voltage with phases:	1 x 110...3 x 230 V
Type of supply voltage range:	AC
Type of supply voltage U1:	AC
Purpose of U2:	supply
Supply voltage 2 (V):	24 - 24 V
Type of supply voltage U2:	DC
Tolerance U2 with brake:	+15 %
Tolerance U2 without brake:	+15 %
Power section	
Max. switch-on frequency o/p:	30/h
Cont outp. curr. at 3x230 V:	3 A
Peak current for 2 s:	9 A
Peak current for 5 s:	9 A
Pulse frequ. inverted rectific.:	8 kHz

V range at intermediate circ.:	450 V DC
STO-ENABLE	
Number of STO-Enables:	1
Absolute encoder input	
No. of inputs absolute encoder:	1
Connection (absolute encoder):	15-pin D-Sub female connector
Input SinCos encoder, incremental encoder	
Connector type encoder/incr.en:	15-pin D-Sub female connector
Input incremental encoder	
Connection (increment encoder):	15-pin D-Sub female connector
Analog inputs	
Number of analogue inputs:	2
Type of analogue inputs:	Voltage
Signal range analog input:	-10 - 10 V
Resolution of analogue inputs:	14 Bit, 12 Bit
Inputs	
Signal level at input at 0:	-3 - +5 VDC
U input to EN 61131-2 Type 1:	24 V DC
Potential isolation inputs:	yes
Semiconductor outputs (standard)	
Number of auxiliary outputs:	2
Galv. isol. n/safe SC O:	Yes
CANopen interface	
Number of CANopen interfaces:	1
Communication interfaces	
Connector type RS RS232 i/f:	9-pin D-Sub male connector
Environmental data	
Ambient temperature standard:	DIN EN 60721-3-3
Ambient temperature class:	1K4

Ambient temperature:	0 - 40 °C
Ambient temp. derating:	40 - 55 °C
Power derating:	2.5 %/K
Storage temperature standard:	DIN EN 60721-3-1
Storage temperature change:	20 K/h
Climatic suitability standard:	DIN EN 60721-3-3
Humidity rating:	85 % r. h.
Humidity class:	1K3
Condensation permitted?:	Not permitted
Perm. operating height ASL:	1000 m
Perm. op. height at 1.5% derat:	1000 - 2500 m ASL
Power derating per 100m:	1.5 %/100 m
EMC to standard ...:	EN 61800-3
Vibration to standard ...:	EN 60721-3-3
Cooling type:	Free convection
Noise emission:	25 dB (A)
Protection type standard:	EN 60529
Mechanical data	
Mounting position:	vertical
Housing material:	Cast aluminium/stainless steel
Height dimension:	270 mm
Width dimension:	70 mm
Depth dimension:	171 mm
Net weight:	2800 g
Gross weight:	4000 g
Environment	
RoHS conformity:	yes
REACH compliance:	Contains no SVHC substances
WEEE classification (08/2018):	5 devices (feed size < 50cm)

Commercial data

ECLASS version:	ECLASS-9.1
ECLASS Reference Feature:	27023201
ETIM Version:	ETIM-7.0