

PMCprotego D.12/000/0/0/2/208-480VAC

8176103



Servo amplifier, continuous output current at 3 x 400 V AC: 12 A, peak output current for 2 s: 24 A, peak output current for 5 s: 24 A, power consumption at S1 operation: 9 kVA, integrated brake resistor.

Technical details

General data

Approval: UL Listed, CE, UKCA, EAC (Eurasian), TÜV

Technical data

Electrical data

Purpose of phase range:	Mains supply
Supply voltage (V):	208 - 480 V
Supply voltage with phases:	3 x 208...3 x 480 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 3x208 V:	12 A
Cont outp. curr. at 3x230 V:	12 A
Cont. out. current at 3x400 V:	12 A
Cont outp. curr. at 3x480 V:	12 A

Peak current for 2 s:	24 A
Peak current for 5 s:	24 A
Pulse frequ. inverted rectific.:	8 kHz
V range at intermediate circ.:	900 V DC
STO-ENABLE	
Number of STO-Enables:	2
Input resolver	
Resolver connector type:	9-pin D-Sub female connector
Input SinCos encoder, incremental encoder	
Connector type encoder/incr.en:	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:	16 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
Ethernet interface	
Connector type ETHERNET int.:	RJ45
CANopen interface	
Number of CANopen interfaces:	1
Serial interface	
Number of RS 232 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 class:	3K3
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:	3K3
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 60721-3-2
Cooling type:	Built-on fan
Noise emission:	65 dB (A)
Protection type standard:	EN 60529
Mechanical data	
Mounting position:	vertical
Housing material:	Galvanised steel
Height dimension:	345 mm
Width dimension:	70 mm
Depth dimension:	243 mm
Net weight:	4400 g

Gross weight:	5500 g
Environment	
RoHS conformity:	yes
REACH compliance:	Contains no SVHC substances
WEEE classification (08/2018):	5 devices (feed size < 50cm)
Commercial data	
Harmonized System Code:	85044086
UNSPSC 25:	39121007
EAN-Code:	4046548055276
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27023201
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000017
ETIM Reference Feature:	EC001857
Volume:	18.375