

DATASHEET

N° :

Date : 12 janv. 2021

Universal drive IP20

Commander C200-01200042A10100AB100

Definition

Product range	Commander
Model	C200-012-00042A
Model	200 (1 SI option - CodeSys) 6 pulses - internal choke (A)
Onboard Comms	Optionnal comms (1 option slot)
Onboard intelligence	Machine Control Studio (IEC61131-3)
Control Connections	No STO / 2 AI (0-10V & 4-20mA) + 1 AO (0-10V) + 4 DI + 1 DIO + 1 RLY
Product cooling version	Air cooling (A)



Electrical characteristics

Network side electrical characteristics

Power supply number of phases	1
Power supply voltage and frequency	200 to 240V (±10%) 45 to 66Hz
Power supply nominal current (A)	10.4

Motion side electrical characteristics

Heavy duty / Open loop control mode

Continuous output current (A)	4.20 @ 3 kHz - 40°C
Output maximal current (A)	6.30
Maximum overload duration from 100% Ico (s) / repetitivity (s)	8.00 / 600.00
Maximum overload duration from cold (s) / repetitivity (s)	60.00 / 600.00

Power supply voltage (V ±10%)	Power supply number of phases	Power supply nominal current (A)	Overload	Maximum ambient temperature (°C)	Switching frequency (kHz)	Continuous output current (A)	Losses (W)
220	1	10.4	Heavy duty	40	3	4.2	42
				50	3	4.2	42
	3	7.5	Heavy duty	40	3	4.2	42
				50	3	4.2	39

Power supply voltage (V ±10%)	Power supply number of phases	Surcharge	Mode de fonctionnement	Output maximal current (40°C) (A)	Maximum overload duration from 100% Ico (s)	Maximum overload duration from cold (s)
220	1	-	Open loop control mode	6.3	8.00	60.00
	3	-	Open loop control mode	6.3	8.00	60.00

characteristics

Size	01	Drive flow rate (m3/h)	12
Dimensions (HxWxD)	137 x 75 x130	accoustic noise (dB(A))	46.7
Weight (kg)	0.95	Maximal altitude (m)	1000
Protection indice	IP20	Maximal relative humidity (%)	95

PNEUTROL INTERNATIONAL LIMITED
sales@pneutrol.com

UK OFFICE:
5 CAULSIDE DRIVE, ANTRIM, BT41 2DU, NORTHERN IRELAND
TEL: + 44 (0) 28 9448 1800, www.pneutrol.com/industrialspares

EUROPEAN OFFICE:
UNIT 6, ST ANTHONY'S BUSINESS PARK DUBLIN, D22 VW95, IRELAND,
TEL: +353 (1) 437 3653, www.pneutrol.com/industrialspares

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Power options, network side

Line choke	-	In (A)	Inductance (mH)	Losses (W)	Dimensions (HxWxD)	Weight (kg)
		0	0	0	0 x 0 x 0	0.0

Power options, motion side

Braking transistor **Braking transistor Included**

Integral options

Integrated control interface	Local controls and access to the basic parameters
HMI / keypad	-
PC communication interface	-
Option slot SM/SI 1	-
Option slot SM/SI 2	-
Option slot SM/SI 3	-
AI Option / Smartcard slot	-
HD15 / terminals feedback device interface	-

Environmental options

IP / UL / through panel kits	-
Product fan management	-

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Version V8.305

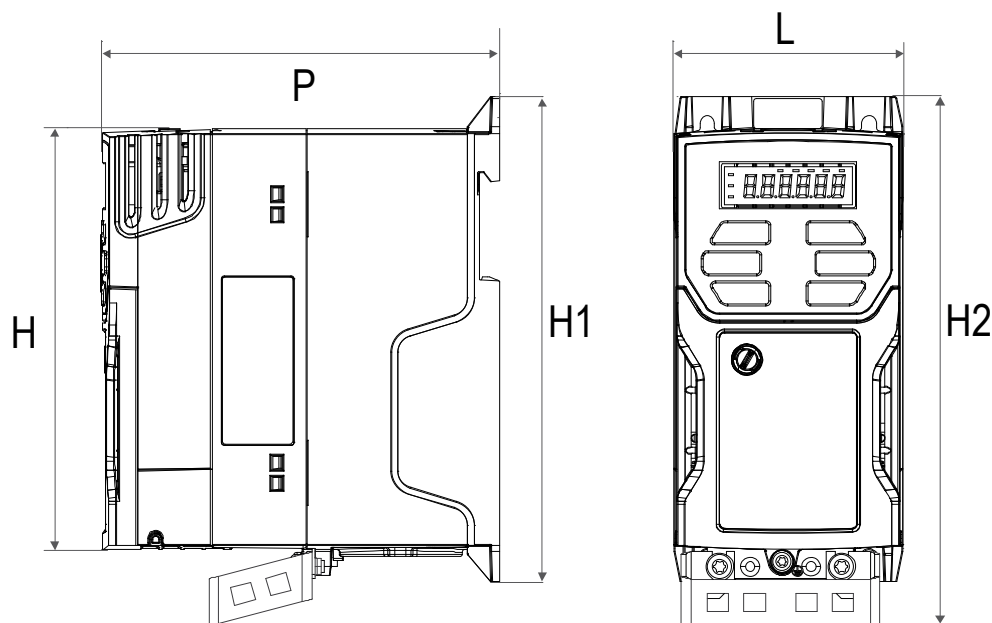
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Moteurs Leroy-Somer SAS. Headquarters: Bd Marcellin Leroy, CS 10015, 16915 Angoulême Cedex 9, France. Share Capital: 65 800 512 €, RCS Angoulême 338 567 258.

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Variable speed drive (6 pulses) : Commander C200-01200042A10100AB100



H (mm)	137
H1 (mm)	160
H2 (mm)	174

L (mm)	75
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P (mm)	130
P1 (mm)	0

Weight (kg)	0.95
Total weight (kg)	0.95

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