

## DATASHEET

N° :

Date : 6 janv. 2021

### Universal drive IP20 with options

Unidrive M700-03200050A10100AB100

keypad ; SmartCard\_64k ;

### Definition

Product range	Unidrive
Model	M700-032-00050A
Model	700 (1 STO - 3 SI options - CodeSys - Ethernet) 6 pulses - internal choke (A)
Onboard Comms	Modbus TCP/IP & EtherNet/IP (2 switched ports)
Onboard intelligence	Machine Control Studio & AMC
Control Connections	1 STO / 3 AI (0-10V & 4-20mA) + 2 AO (0-10V) + 1 DI + 1 DO + 3 DIO + 1 RLY
Product cooling version	Air cooling (A)



### Electrical characteristics

#### Network side electrical characteristics

Power supply number of phases	3
Power supply voltage and frequency	200 to 240V (±10%) 45 to 66Hz
Power supply nominal current (A)	10.5

#### Motion side electrical characteristics

#### Heavy duty / Control RFC-A

Continuous output current (A)	5.00 @ 3 kHz - 40°C
Output maximal current (A)	10.00
Maximum overload duration from 100% I <sub>co</sub> (s) / repetitivity (s)	3.00 / 600.00
Maximum overload duration from cold (s) / repetitivity (s)	28.00 / 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	3	10.5	Heavy duty	40	3	5.0	78
					12	5.0	94
				50	3	5.0	78
			Normal duty	40	12	5.0	94
					3	6.6	93
				50	3	6.6	113
				12	6.6	93	
					12	6.6	113

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% I <sub>co</sub> (s)	Maximum overload duration from cold (s)
220	3	Heavy duty	Closed loop control mode	10.0	3.00	28.00
			Open loop control mode	7.5	7.00	60.00
		Normal duty	Open loop control mode	7.2	9.00	165.00

### characteristics

Size	03	Drive flow rate (m3/h)	60
Dimensions (HxWxD)	365 x 83 x 200	acoustic noise (dB(A))	50.9
Weight (kg)	4.00	Maximal altitude (m)	1000
Protection indice	IP20	Maximal relative humidity (%)	95

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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	Without display and setting
HMI / keypad	<b>KI-KEYPAD LCD</b>
PC communication interface	-
Option slot SM/SI 1	-
Option slot SM/SI 2	-
Option slot SM/SI 3	-
AI Option / Smartcard slot	<b>Settings duplication card (SmartCard_64k)</b>
HD15 / terminals feedback device interface	-

### Environmental options

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

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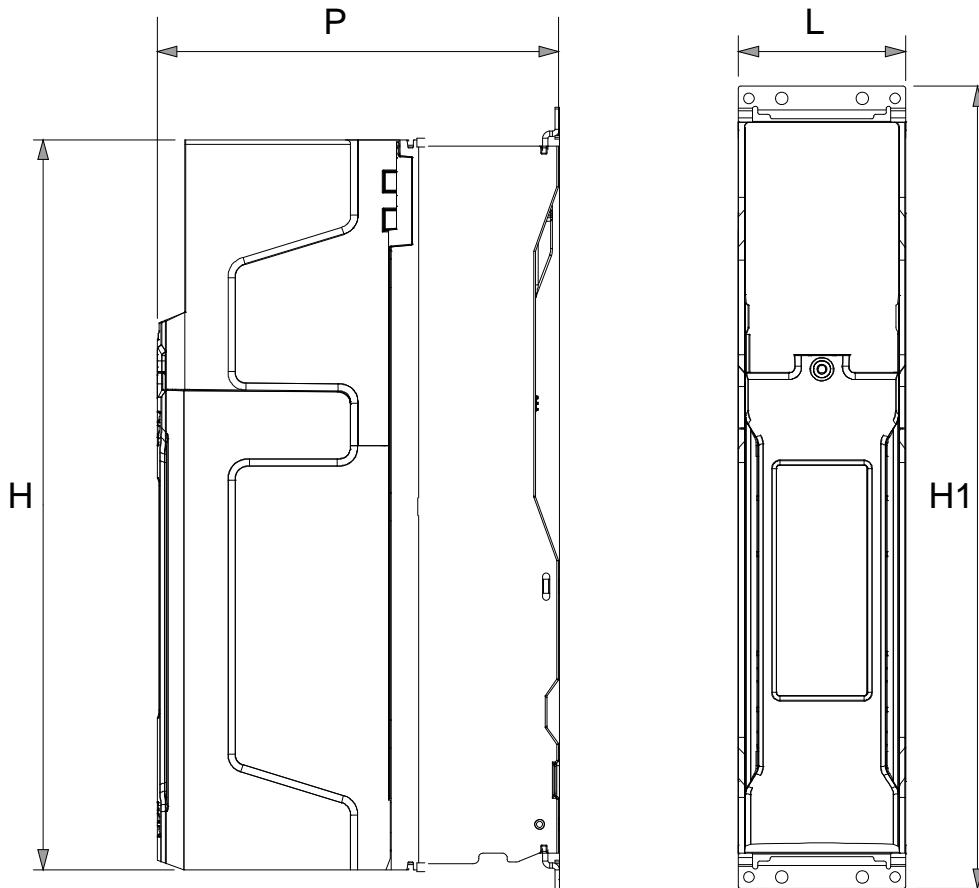
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Variable speed drive (6 pulses) : Unidrive M700-03200050A10100AB100



H (mm)	365
H1 (mm)	382
H2 (mm)	0

L (mm)	83
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P (mm)	200
P1 (mm)	0

Weight (kg)	4.00
Total weight (kg)	4.30

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