

AC drive for single-phase AC motors VersiDrive i ... /E/IP66 up to 1,1kW 4.09

Features:

- ☑ small inverters for single-phase capacitor motors
- ☑ easy programming and connection
- ☑ fixed frequencies adjustable
- ☑ max. rotating field frequency 120Hz
- ☑ DC brake
- ☑ integrated braking chopper (at 1,1kW)
- ☑ degree of protection IP66
- ☑ integrated mains filter (single-phase, class C1 up to 5m)
- ☑ serial communication with Modbus RTU



AC drive
for single-phase AC motors
VD i 037 ... 110/E/IP66



Function:

- ☑ control and setpoint entry via terminals and operating unit
- ☑ PWM clock frequency 4 - 32kHz
- ☑ DC-braking (duration)
- ☑ potential-free control and signalling contacts
- ☑ detailed trouble check with parameter P00

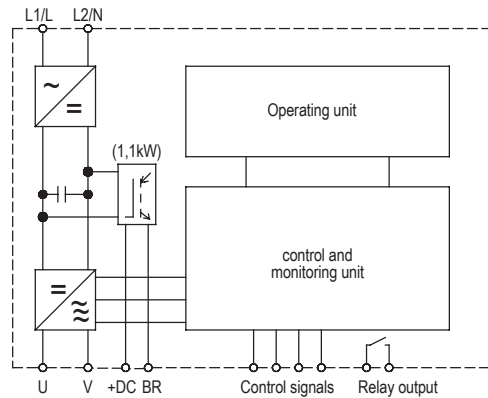
Typical Applications:

- pumps
- grinding machines
- ventilators

Options and braking resistors:

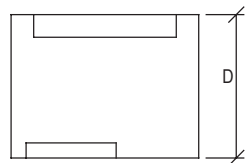
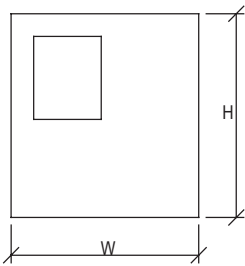
(please see accessories type VD i ... /E2/3E2)

- ☑ memory stick with copying function
- ☑ remote control module
- ☑ input and output module
- ☑ software for parameterization and operating



Technical Data	VD i ... /E/IP66		
	037	075	110
Motor shaft power / kW	0,37	0,75	1,1
Mains voltage according to DIN EN 50160 (IEC 38)	single-phase 200-240V, 48-62Hz		
Output current/ A		4,3	7
Control functions			
Frequency setting range	0 – 120Hz		
Torque boost	U/f-characteristic, adjustable via parameter setting		
Ramp-up and ramp-down time	0 ... 600s		
Frequency setpoint	potentiometer >= 1kW, 0-10V, 4-20mA, keypad, fixed frequencies, motor potentiometer, Modbus RTU		
Ambient / Storage temperature	-10 ... 40°C / -40 ... 60°		
Weight / kg	2,8	2,8	4,6
Order number	21003.23037	21003.23075	21003.23110

Dimensions:



	W [mm]	H [mm]	D [mm]
VD i 037/E/IP66	161	232	175
VD i 075/E/IP66	161	232	175
VD i 110/E/IP66	188	257	187

Connection Diagram:

