

V20 Variable Speed Drive

Description

The V20 is a compact AC drive that features a wide power range from 0,25 kW to 18,5 kW. The built-in PLC allows programmable logic to be easily altered which enables unused input/outputs of the drive to be assigned to other tasks.

Features

- User friendly interface with start-up wizard for quick and easy configuration
- Built-in EMC filter to remove electromagnetic interference and lower harmonic levels
- Built-in RS485 interface for fieldbus control
- AC choke and brake chopper to balance voltage drops and spikes

Standard I/O

- 6 x Digital input
- 2 x Analogue input
- 1 X Digital output
- 1 x Analogue output
- 2 x Relay output

Testing

EMC Standard EN61800-3 Category C2

Technical data

Model	Voltage	Input / Output	Motor kW @ 40°C	Amps @ 40°C	Frame size	Class Protection	Dimensions W x H x D (mm)	Weight kg.	
V00201L00012EMC2QPES	208-240 VAC	1 phase / 3 phase	0.25	1.7	MI1	IP20	66 x 160 x 190	0.55	
V00201L00022EMC2QPES			0.37	2.4					
V00201L00032EMC2QPES			0.55	2.8					
V00201L00042EMC2QPES			0.75	3.7	MI2		90 x 195 x 102	0.7	
V00201L00052EMC2QPES			1.1	4.8					
V00201L00072EMC2QPES			1.5	7					
V00201L00092EMC2QPES					2.2		9.6	MI3	100 x 255 x 109
V00203L00014EMC2QPES	380-480 VAC	3 phase / 3 phase	0.37	1.3	MI1	IP20	66 x 160 x 99	0.55	
V00203L00024EMC2QPES			0.55	1.9					
V00203L00034EMC2QPES			0.75	2.4					
V00203L00044EMC2QPES			1.1	3.3	MI2		90 x 195 x 102	0.7	
V00203L00054EMC2QPES			1.5	4.3					
V00203L00064EMC2QPES			2.2	5.6					
V00203L00084EMC2QPES			3	7.6	MI3		100 x 255 x 109	0.99	
V00203L00094EMC2QPES			4	9					
V00203L00124EMC2QPES			5.5	12					
V00203L00164EMC2QPES			7.5	16	MI4		IP21	165 x 370 x 165	8
V00203L00234EMC2QPES			11	23					
V00203L00314EMC2QPES			15	31	MI5			165 x 414 x 202	10
V00203L00384EMC2QPES			18.5	38					