

Control - Drives

ACS50

What is an ABB ACS drive?

The ABB component drives meet the requirements of OEMs, installation companies and panel builders. It is a component that is bought, together with other components from a logistical distributor. The drive is stocked, and the number of options and variants is optimized for logistical distribution.

Can be used for:

- Fans
- Pumps
- Gate Control
- Material Handling
- Conveyors

Description:

- Power range 0.18kW (100-240v)
- IP20
- Integral EMC Filter for 1st environment EN61800-3
- Optimised switching frequency for noise (up to 16kHz)



ACS50

Built-in EMC filter, 1-phase supply voltage 200/240 V, +10/-15%, 3-phase output 200/240 V

P _N kW	P _N hp	Output		Input current A	Frame size	H1 mm	H2 mm	W mm	D mm	Weight kg	Order Code
		Nominal current	Max current								
0.18	0.25	1.4	2.1	4.4	A	170	146.5	45	128	0.65	ACS50-01E-01A4-2
0.37	0.5	2.2	3.3	6.9	A	170	146.5	45	128	0.7	ACS50-01E-02A2-2
0.75	1.0	4.3	6.5	10.8	B	170	146.5	67.5	128	0.9	ACS50-01E-04A3-2

No EMC filter, 1-phase supply voltage 200/240 V, +10/-15%, 3-phase output 200/240 V

P _N kW	P _N hp	Output		Input current A	Frame size	H1 mm	H2 mm	W mm	D mm	Weight kg	Order Code
		Nominal current	Max current								
0.18	0.25	1.4	2.1	4.4	A	170	146.5	45	128	0.55	ACS50-01N-01A4-2
0.37	0.5	2.2	3.3	6.9	A	170	146.5	45	128	0.6	ACS50-01N-02A2-2
0.75	1.0	4.3	6.5	10.8	B	170	146.5	67.5	128	0.8	ACS50-01N-04A3-2



ACS50

Built-in EMC filter, 1-phase supply voltage 100/120 V, +10/-15%, 3-phase output 200/240 V

P _N kW	P _N hp	Output		Input current A	Frame size	H1 mm	H2 mm	W mm	D mm	Weight kg	Order Code
		Nominal current	Max current								
0.18	0.25	1.4	2.1	6.4	A	170	146.5	45	128	0.65	ACS50-01E-01A4-1
0.37	0.5	2.2	3.3	9.5	A	170	146.5	45	128	0.7	ACS50-01E-02A2-1



No EMC filter, 1-phase supply voltage 100/120 V, +10/-15%, 3-phase output 200/240 V

P _N kW	P _N hp	Output		Input current A	Frame size	H1 mm	H2 mm	W mm	D mm	Weight kg	Order Code
		Nominal current	Max current								
0.18	0.25	1.4	2.1	6.4	A	170	146.5	45	128	0.55	ACS50-01N-01A4-1
0.37	0.5	2.2	3.3	9.5	A	170	146.5	45	128	0.6	ACS50-01N-02A2-1