

ACS 355 0.5 to 30 HP (0.37 to 22 kW)

The ABB machinery drives are designed to be quick and easy to install, parameter-set, and commission. This results in saving hours of engineering work. They are highly compact and cost effective and equipped with cutting-edge intelligence and an innovative safety capability. The drives are designed specifically to meet the production and performance needs of system integrators, original equipment manufacturers (OEM's) and panel builders, as well as the requirements of end users in a broad range of applications.



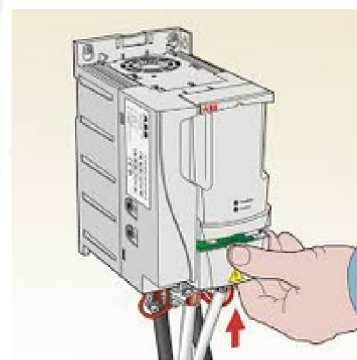
HIGHLIGHTS

- Worldwide availability and service
- Exceptionally compact drives and uniform design
- Quick commissioning with application macros and panel assistants
- Safe torque off function (SIL3) as standard
- Sensorless vector control
- Built-in brake chopper
- High protection class variants for demanding environments
- Permanent magnet and induction motor control
- Torque memory for lifting applications
- Common DC bus
- 600 Hz maximum output frequency
- Sequence programming for controlling state machines without a PLC



FEATURES

- Compact and uniform dimensions facilitate multiple drive solutions and cabinet installations
- Different mounting options enable flexible installation in restricted space
- The drive can be preconfigured in seconds without powering the drive with the FlashDrop tool
- Application macros and assistants enable fast and easy commissioning
- Up to 8 preset sequences of operations can be created in minutes with the drive's PC tool to reduce the need for external PLC components.
- Versatile fieldbus connectivity
- Safe torque-off function
- Speed compensated Stop



RATINGS:

IP20
IP66

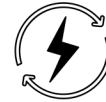
NEMA 1
NEMA 4/ 4X



1-PHASE AC SUPPLY, 200-240 V

Dimensions

CATALOG #	OUTPUT CURRENT (A)	kW	HP	Frame Size	HEIGHT (in.)	WIDTH (in.)	DEPTH (in.)	WEIGHT (lbs.)
ACS355-01U-02A4-2	2.4	0.37	0.5	R0	8	2.8	6.3	2.4
ACS355-01U-04A7-2	4.7	0.75	1	R1	8	2.8	6.3	2.9
ACS355-01U-06A7-2	6.7	1.1	1.5	R1	8	2.8	6.3	2.9
ACS355-01U-07A5-2	7.5	1.5	2	R2	8	4.1	6.5	3.3
ACS355-01U-09A8-2	9.8	2.2	3	R2	8	4.1	6.5	3.3



3-PHASE AC SUPPLY, 200-240 V

Dimensions

CATALOG #	OUTPUT CURRENT (A)	kW	HP	Frame Size	HEIGHT (in.)	WIDTH (in.)	DEPTH (in.)	WEIGHT (lbs.)
ACS355-03U-02A4-2	2.4	0.37	0.5	R0	8.0	2.8	6.3	2.4
ACS355-03U-03A5-2	3.5	0.55	0.75	R0	8.0	2.8	6.3	2.4
ACS355-03U-04A7-2	4.7	0.75	1	R1	8.0	2.8	6.3	2.9
ACS355-03U-06A7-2	6.7	1.1	1.5	R1	8.0	2.8	6.3	2.9
ACS355-03U-07A5-2	7.5	1.5	2	R1	8.0	2.8	6.3	2.9
ACS355-03U-09A8-2	9.8	2.2	3	R2	8.0	4.1	6.5	3.3
ACS355-03U-17A6-2	17.6	4	5	R2	8.0	4.1	6.5	3.3
ACS355-03U-24A4-2	24.4	5.5	7.5	R3	8.0	6.7	6.7	5.5
ACS355-03U-31A0-2	31	7.5	10	R4	8.0	10.2	6.7	9.7
ACS355-03U-46A2-2	46.2	11	15	R4	8.0	10.2	6.7	9.7

3-PHASE AC SUPPLY, 380-480 V

Dimensions

CATALOG #	OUTPUT CURRENT (A)	kW	HP	Frame Size	HEIGHT (in.)	WIDTH (in.)	DEPTH (in.)	WEIGHT (lbs.)
ACS355-03U-01A2-4	1.2	0.37	0.5	R0	8.0	2.8	6.3	2.4
ACS355-03U-01A9-4	1.9	0.55	0.75	R0	8.0	2.8	6.3	2.4
ACS355-03U-02A4-4	2.4	0.75	1	R1	8.0	2.8	6.3	2.9
ACS355-03U-03A3-4	3.3	1.1	1.5	R1	8.0	2.8	6.3	2.9
ACS355-03U-04A1-4	4.1	1.5	2	R1	8.0	2.8	6.3	2.9
ACS355-03U-05A6-4	5.6	2.2	3	R1	8.0	2.8	6.3	2.9
ACS355-03U-08A8-4	8.8	4	5	R1	8.0	2.8	6.3	2.9
ACS355-03U-12A5-4	12.5	5.5	7.5	R3	8.0	6.7	6.7	5.5
ACS355-03U-15A6-4	15.6	7.5	10	R3	8.0	6.7	6.7	5.5
ACS355-03U-23A1-4	23.1	11	15	R3	8.0	6.7	6.7	5.5
ACS355-03U-31A0-4	31	15	20	R4	8.0	10.2	6.7	9.7
ACS355-03U-38A0-4	38	18.5	25	R4	8.0	10.2	6.7	9.7
ACS0355-03I-44A0-4	44	22	30	R4	8.0	10.2	6.7	9.7



The EXCO Engineering Department is Available to Assist you in the Selection of Enclosures and Accessories.