

MICRO DRIVES IP66/NEMA 4/4X

ACS255 IP66/NEMA 4X For Harsh Environments

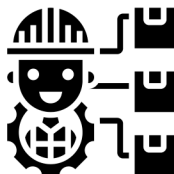
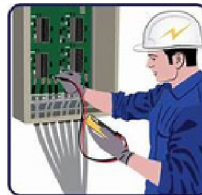
Micro drive ACS255 with IP66/NEMA 4X enclosure is designed for applications such as; packaging machinery, mixers, pumps, fans and conveyors, which are installed in harsh environments containing dust, moisture and cleaning chemicals. The drive's design and ease of the set-up benefit a broad variety of many industries. The drive is constructed with corrosion resistant materials for durability and increased survival in wet, dirty, or washdown applications. The drive's smooth contours, sealed ABS plastic enclosure and corrosion resistant heat sink are ideal for food and beverage applications. The integrated keypad provides straightforward drive commissioning and maintenance in extreme environments.

BENEFITS

- Compact size
- Quiet motor operation
- Ideal for panel builders and OEM's
- flexible mounting options
- Easy to use and install
- Extensive list of programmable drive parameters to achieve high performance with maximum versatility in many applications.
- Drives for simple to more complex machines
- Full voltage range from 110 to 600V
- IP66/ NEMA 4/ 4x enclosure
- Power range from 0.5 to 10 HP

FEATURES

- Built-in macros and only the essential parameters make commissioning straightforward
- Can be mounted directly on processing equipment installed in extreme environments
- Conduit cable entry
- Intuitive keypad control
- +F287 operator controls option include: Input disconnect, FWD/OFF/REV selector, and speed potentiometer
- IP66/NEMA 4X dust and waterproof design
- Designed for wash-down applications
- Specially coated corrosion resistant heat sink
- No external cooling fans to replace
- Modbus RTU fieldbus as standard
- Built-in brake chopper (except frame E1)



RATINGS:

IP20
IP66

NEMA 1
NEMA 4/ 4X



Options, Dimensions and Ordering Instructions

1-PHASE AC SUPPLY, 110-120V

Dimensions IP66/NEMA 4X

CATALOG #	OUTPUT CURRENT (A)	kW	HP	Frame Size	HEIGHT (in.)	WIDTH (in.)	DEPTH (in.)	WEIGHT (lbs.)
ACS255-01U-02A3-1+B063+F278	2.3	0.37	0.5	E1	9.13	6.34	7.05	6.5
ACS255-01U-04A3-1+B063+F278	4.3	0.75	1	E1	9.13	6.34	7.05	6.5
ACS255-01U-05A8-1+B063+F278	5.8	1.1	1.5	E2	10.12	7.40	7.34	9.3



1-PHASE AC SUPPLY, 200-240V

Dimensions IP66/NEMA 4X

CATALOG #	OUTPUT CURRENT (A)	kW	HP	Frame Size	HEIGHT (in.)	WIDTH (in.)	DEPTH (in.)	WEIGHT (lbs.)
ACS255-01U-02A3-2+B063+F278	2.3	0.37	0.5	E1	9.13	6.34	7.05	6.5
ACS255-01U-04A3-2+B063+F278	4.3	0.75	1	E1	9.13	6.34	7.05	6.5
ACS255-01U-06A1-2+B063+F278	6.1	1.1	1.5	E1	9.13	6.34	7.05	6.5
ACS255-01U-07A0-2+B063+F278	7.0	1.5	2	E1	9.13	6.34	7.05	6.5
ACS255-01U-10A5-2+B063+F278	10.5	2.2	3	E2	10.12	7.40	7.34	9.26
ACS255-01U-15A3-2+B063+F278	15.5	3.7	5	E3	12.20	8.29	9	16.97

3-PHASE AC SUPPLY, 200-240V

Dimensions IP66/NEMA 4X

CATALOG #	OUTPUT CURRENT (A)	kW	HP	Frame Size	HEIGHT (in.)	WIDTH (in.)	DEPTH (in.)	WEIGHT (lbs.)
ACS255-03U-02A3-2+B063+F278	2.3	0.37	0.5	E1	9.13	6.34	7.05	6.5
ACS255-03U-04A3-2+B063+F278	4.3	0.75	1	E1	9.13	6.34	7.05	6.5
ACS255-03U-06A1-2+B063+F278	6.1	1.1	1.5	E1	9.13	6.34	7.05	6.5
ACS255-03U-07A0-2+B063+F278	7	1.5	2	E2	10.12	7.40	7.34	9.26
ACS255-03U-10A5-2+B063+F278	10.5	2.2	3	E2	10.12	7.40	7.34	9.26
ACS255-03U-18A0-2+B063+F278	18	4	5	E3	12.20	8.29	9	16.97

ACS255+B063+F278



ACS255+B063



3-PHASE AC SUPPLY, 380-480V

Dimensions IP66/NEMA 4X

CATALOG #	OUTPUT CURRENT (A)	kW	HP	Frame Size	HEIGHT (in.)	WIDTH (in.)	DEPTH (in.)	WEIGHT (lbs.)
ACS255-03U-01A2-2+B063+F278	1.2	0.37	0.5	E1	9.13	6.34	7.05	6.5
ACS255-03U-02A2-4+B063+F278	2.2	0.75	1	E1	9.13	6.34	7.05	6.5
ACS255-03U-03A3-2+B063+F278	3.3	1.10	1.5	E1	9.13	6.34	7.05	6.5
ACS255-03U-04A1-4+B063+F278	4.1	1.5	2	E1	9.13	6.34	7.05	6.5
ACS255-03U-05A8-4+B063+F278	5.8	2.2	3	E2	10.12	7.40	7.34	9.26
ACS255-03U-09A5-4+B063+F278	9.5	4	5	E2	10.12	7.40	7.34	9.26
ACS255-03U-14A0-4+B063+F278	14	5.5	7.5	E3	12.20	8.29	9	16.97
ACS255-03U-18A0-4+B063+F278	18	7.5	10	E3	12.20	8.29	9	16.97

3-PHASE AC SUPPLY, 500-600V

Dimensions IP66/NEMA 4X

CATALOG #	OUTPUT CURRENT (A)	kW	HP	Frame Size	HEIGHT (in.)	WIDTH (in.)	DEPTH (in.)	WEIGHT (lbs.)
ACS255-03U-02A1-6+B068+F278	1.7	0.75	1	P2	10.12	7.4	9.41	4.8
ACS255-03U-03A1-6+B068+F278	3.1	1.5	2	P2	10.12	7.4	9.41	4.8
ACS255-03U-04A1-6+B068+F278	4.1	2.2	3	P2	10.12	7.4	9.41	4.8
ACS255-03U-06A5-6+B068+F278	5.8	4	5	P2	10.12	7.4	9.41	4.8
ACS255-03U-09A0-6+B068+F278	9	5.5	7.5	P2	10.12	7.4	9.41	4.8
ACS255-03U-12A0-6+B068+F278	14	7.5	10	P3	12.20	8.29	9.88	16.10
ACS255-03U-17A0-6+B068+F278	18	11	15	P3	12.20	8.29	9.88	16.10

Standard I/O configurations

