



PRODUCT-DETAILS

# ACS255-01U-04A3-2+B068

## LV AC micro drive, 240 V (ACS255-01U-04A3-2+B068)

### General Information

Global Commercial Alias	ACS255-01U-04A3-2+B068
Product ID	3AUA0000234186
ABB Type Designation	ACS255-01U-04A3-2+B068
EAN	6438177626787
Catalog Description	LV AC micro drive, 240 V (ACS255-01U-04A3-2+B068)
Long Description	The ACS255 drive comes in several variants ensuring seamless integration into machines. The UL (NEMA) TYPE 4X / IP66 ACS255 is constructed with corrosion resistant materials for durability and increased survival in wet, dirty, or washdown applications indoors or outdoors. Common application includes augers, mixers, pumps, fans and conveyors. The key features include an integrated keypad for easy configuration, precise process control with V/Hz control and sensorless vector control for both AC induction and PM motors, enhanced short circuit protection, operating mode selection with variable torque and constant torque V/Hz profiles, and embedded Modbus-RTU communication interface for real time control and monitoring.

### Ordering

Country of Origin	United Kingdom (GB)
Customs Tariff Number	85044080
Invoice Description	ACS255-01U-04A3-2+B068
Made To Order	No
Minimum Order Quantity	1 EA
Order Multiple	1 EA
Quote Only	No
Selling Unit of Measure	each

### Dimensions

Product Net Weight	4.63 lb
Product Net Depth / Length	6.1 in
Product Net Height	9.13 in
Product Net Width	6.34 in

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**Technical**

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Number of Phases	1
Degree of Protection	IP66
Enclosure Type NEMA	Type4X
Frequency (f)	50/60 Hz
Frame Size	F1
Input Voltage (U <sub>in</sub> )	200 ... 240 V

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**Technical UL**

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Output Current, Heavy-Duty Use (UL)	4.3 A
Output Power, Heavy-Duty Use (UL)	1 Hp

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**Classifications**

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UNSPSC	39122001
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**Additional Information**

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Product Name	FREQUENCY CONVERTOR
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**Categories**

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Drives → Low Voltage AC Drives → Micro Drives → ACS255 - Micro Drive for North America