



PRODUCT-DETAILS

ACS255-03U-12A0-6

LV AC micro drive, 600 V (ACS255-03U-12A0-6)

General Information	
Global Commercial Alias	ACS255-03U-12A0-6
Product ID	3AUA0000199597
ABB Type Designation	ACS255-03U-12A0-6
Catalog Description	LV AC micro drive, 600 V (ACS255-03U-12A0-6)
Long Description	The ACS255 drive comes in several variants ensuring seamless integration into machines. The UL (NEMA) TYPE Open / IP20 ACS255 is designed for installation inside another enclosure. 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. Optional external control panel for remote mounting and control is available

Ordering	
Customs Tariff Number	85044080
Invoice Description	ACS255-03U-12A0-6
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	7.7 lb
Product Net Depth / Length	7.7 in
Product Net Height	10.28 in
Product Net Width	5.16 in

Technical	
Number of Phases	3
Degree of Protection	IP20
Enclosure Type NEMA	Open Type
Frequency (f)	50/60 Hz
Frame Size	F3
Input Voltage (U _{in})	500 ... 600 V

Technical UL	
Output Current, Heavy-Duty Use (UL)	12 A
Output Power, Heavy-Duty Use (UL)	10 Hp

External Classifications and Standards	
UNSPSC	39121007

Environmental	
WEEE Category	Product Not in WEEE Scope

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