



PRODUCT-DETAILS

ACQ580-31-077A-4+N6050+X1681
, UL: Pld 60 Hp, 77 A, 460 V (ACQ580-31-077A-4+N6050+X1681)



General Information

Global Commercial Alias	ACQ580-31-077A-4+N6050+X1681
Product ID	3AXD50000865178
ABB Type Designation	ACQ580-31-077A-4+N6050+X1681
EAN	6438177686132
Catalog Description	, UL: Pld 60 Hp, 77 A, 460 V (ACQ580-31-077A-4+N6050+X1681)

Long Description

The ACQ580-31 ultra-low harmonic (ULH) irrigation wall-mounted drive provides an unprecedented compact design that delivers unity power factor with a 3% or less THiD. By meeting the most stringent requirement of the IEEE519 recommendations, the ACQ580 ULH irrigation drive produces the least amount of harmonic distortion to reduce stress on electrical equipment. The ACQ580-31 irrigation wall-mounted drives are available from 40-150 HP at 460V 3-phase. The drives are available in UL Type 1 (IP21).

The irrigation specific software is designed for irrigation applications, enabling easily programmed functions and protections. This innovative programming includes, quick ramps, level control, flow calculations, flow and pressure protection, dry pump protection, soft pipe fill, and others. These drives include fieldbus, I/O modules, and other options available for the ACQ580 irrigation packages.

Ordering

Country of Origin	United States (US)
Customs Tariff Number	85044080
Invoice Description	ACQ580-31-077A-4+N6050+X1681

Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Quote Only	No
Selling Unit of Measure	piece

Dimensions

Product Net Weight	135 lb
Product Net Depth / Length	15.46 in
Product Net Height	30.35 in
Product Net Width	9.91 in

Technical

Number of Phases	3
Degree of Protection	IP21
Enclosure Type NEMA	Type1
Frequency (f)	50/60 Hz
Frame Size	Undefined
Input Voltage (U _{in})	440 ... 480 V

Additional Information

Product Name	AC Drive
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Classifications

UNSPSC	39121007
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Categories

Drives → Low Voltage AC Drives → Industry-Specific Drives → Drives for water → ACQ580-31 - Wall-mounted ultra-low harmonic drive for water and wastewater

