



PRODUCT-DETAILS

ACQ580-01-143A-2+N6050+X1681

ACQ580-01-143A-2+N6050+X1681, PLD 50 HP, I2LD 143 A

General Information

Global Commercial Alias	ACQ580-01-143A-2+N6050+X1681
Product ID	3AXD50000865031
ABB Type Designation	ACQ580-01-143A-2+N6050+X1681
EAN	6438177685890
Catalog Description	ACQ580-01-143A-2+N6050+X1681, PLD 50 HP, I2LD 143 A

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.

Additional Information

ABB Type Designation	ACQ580-01-143A-2+N6050+X1681
Country of Origin	United States (US)
Customs Tariff Number	85044080
Degree of Protection	IP21
EAN	6438177685890
Enclosure Type NEMA	Type1
Frame Size	Undefined
Frequency (f)	50/60 Hz
Global Commercial Alias	ACQ580-01-143A-2+N6050+X1681
Gross Weight	0 kg
Input Voltage (U_{in})	208 ... 240 V
Invoice Description	ACQ580-01-143A-2+N6050+X1681, PLD 50 HP, I2LD 143 A
Made To Order	No

Medium 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.
Minimum Order Quantity	1 piece
Number of Phases	3
Order Multiple	1 piece
Output Current, Heavy-Duty Use (UL)	114 A
Output Current, Light-Overload Use (UL)	143 A
Output Power, Heavy-Duty Use (UL)	40 Hp
Output Power, Light-Overload Use (UL)	50 Hp
Product Name	AC Drive
Product Net Depth / Length	10.13 in
Product Net Height	25.04 in
Product Net Weight	42 lb
Product Net Width	7.99 in
Product Type	Undefined
Quote Only	No
Rated Input Voltage (UL)	460 V
Selling Unit of Measure	piece
UNSPSC	39121007