



## PRODUCT-DETAILS

# ACQ580-01-156A-4+N6050+X1681

## ACQ580-01-156A-4+N6050+X1681, PLD 125 HP, I2LD 156 A

### General Information

|                         |  |
|-------------------------|--|
| Global Commercial Alias | ACQ580-01-156A-4+N6050+X1681                         |
| Product ID              | 3AXD50000865123                                      |
| ABB Type Designation    | ACQ580-01-156A-4+N6050+X1681                         |
| EAN                     | 6438177686088  |
| Catalog Description     | ACQ580-01-156A-4+N6050+X1681, PLD 125 HP, I2LD 156 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       | ACQ580-01-156A-4+N6050+X1681                         |
| Country of Origin          | United States (US)                                   |
| Customs Tariff Number      | 85044080   |
| Degree of Protection       | IP21   |
| EAN                        | 6438177686088  |
| Enclosure Type NEMA        | Type1  |
| Frame Size                 | Undefined  |
| Frequency (f)              | 50/60 Hz   |
| Global Commercial Alias    | ACQ580-01-156A-4+N6050+X1681                         |
| Gross Weight               | 0 kg   |
| Input Voltage ( $U_{in}$ ) | 440 ... 480 V  |
| Invoice Description        | ACQ580-01-156A-4+N6050+X1681, PLD 125 HP, I2LD 156 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)     | 124 A  |
| Output Current, Light-Overload Use (UL) | 156 A  |
| Output Power, Heavy-Duty Use (UL)       | 100 Hp   |
| Output Power, Light-Overload Use (UL)   | 125 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   |