



PRODUCT-DETAILS

ACH580-31-044A-4+B056

Wall-mounted ultra-low harmonic drive for HVAC (ACH580-31-044A-4+B056)



General Information	
Global Commercial Alias:	ACH580-31-044A-4+B056
Product ID:	3AUA0000220480
ABB Type Designation:	ACH580-31-044A-4+B056
EAN:	6438177502630
Catalog Description:	Wall-mounted ultra-low harmonic drive for HVAC (ACH580-31-044A-4+B056)
Long Description:	ACH580 HVAC drive offering has all key features built-in to control fans, pumps and compressors, and more complex equipment like air-handling units and chillers, ensuring smooth, energy-efficient operation of your HVAC systems in normal and mission-critical situations. This ultra-low variant provides ultimate harmonic performance, reaching even less than 3 % THDi, and exceeding the requirements set by low harmonic recommendations. The drive includes an active supply unit and integrated low harmonic line filter, meaning there is no need for external filters, multi-pulse arrangements or special transformers. Other features include output voltage boost and power factor correction. The built-in features significantly reduce installation time, and the intuitive HVAC specific control panel and help assistants make operation easy. The optional Bluetooth® capability enables the commissioning and monitoring of the drive from a distance. The variant comes in IP21 enclosure as standard and can be installed on the wall. Also, IP55 and flange mounting units are available.
Display Name:	ACH580-31-044A-4+B056

Ordering

Customs Tariff Number:	85044080
HS Code:	850440 -- ELECTRICAL MACHINERY AND EQUIPMENT AND PARTS THEREOF; SOUND RECORDERS AND REPRODUCERS, TELEVISION IMAGE AND SOUND RECORDERS AND REPRODUCERS, AND PARTS AND ACCESSORIES OF SUCH ARTICLES;Electrical transformers, static converters (for example, rectifiers) and inductors;Static converters
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:	134.5 lb
Product Net Depth / Length:	15.44 in
Product Net Height:	30.35 in
Product Net Width:	9.92 in

Technical

Number of Phases:	3-phase
Degree of Protection:	IP55
Enclosure Type NEMA:	Type12
Frequency (f):	50/60 Hz
Input Voltage (U _{in}):	440 ... 480 V

Technical UL

Output Current, Heavy-Duty Use (UL):	30 A
Output Power, Heavy-Duty Use (UL):	44 Hp

Categories

Products > Drives > Low Voltage AC Drives > Industry-Specific Drives > Drives for HVAC > ACH580-31 - Wall-mounted ultra low harmonic drive for HVAC

