



PRODUCT-DETAILS

# ACH580-3BCR-156A-4

HVAC Enclosed ultra-low harmonic drive with circuit breaker, UL: Pld 125 Hp, 156 A, 460 V (ACH580-3BCR-156A-4)



| General Information     |  |
|-------------------------|--|
| Global Commercial Alias | ACH580-3BCR-156A-4   |
| Product ID              | 3AUD0000003548   |
| ABB Type Designation    | ACH580-3BCR-156A-4   |
| Catalog Description     | HVAC Enclosed ultra-low harmonic drive with circuit breaker, UL: Pld 125 Hp, 156 A, 460 V (ACH580-3BCR-156A-4)   |
| Long Description        | The ACH580-31 ultra-low harmonic drive with ABB E-Clipse bypass has an integrated UL (NEMA) Type 1, 12 or 3R enclosure with a bypass motor starter and is available from 1 to 400 hp at 460 V. The ACH580-31 ultra-low harmonic drive with ABB E-Clipse bypass provides an input disconnect switch or circuit breaker, both including fast acting drive fuses, with door mounted and interlocked switch (padlockable in the OFF position), a bypass starter, electronic motor overload protection, a door mounted control panel with graphical display for local control, provisions for external control connections, and serial communications capability. |

| Ordering              |                    |
|-----------------------|--------------------|
| Country of Origin     | United States (US) |
| Customs Tariff Number | 85044080           |
| Invoice Description   | ACH580-3BCR-156A-4 |
| Made To Order         | No                 |

|                         |         |
|-------------------------|---------|
| Minimum Order Quantity  | 1 piece |
| Order Multiple          | 1 piece |
| Quote Only              | No      |
| Selling Unit of Measure | piece   |

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## Dimensions

|                            |         |
|----------------------------|---------|
| Product Net Weight         | 500 lb  |
| Product Net Depth / Length | 20.4 in |
| Product Net Height         | 73.4 in |
| Product Net Width          | 35 in   |

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## Technical

|                            |               |
|----------------------------|---------------|
| Number of Phases           | 3             |
| Degree of Protection       | IP21          |
| Enclosure Type NEMA        | Type1         |
| Frequency (f)              | 50/60 Hz      |
| Input Voltage ( $U_{in}$ ) | 440 ... 480 V |

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## Technical UL

|   |        |
|---|--------|
| Output Current, Light-Overload Use (UL) | 156 A  |
| Output Power, Light-Overload Use (UL)   | 125 Hp |

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## Additional Information

|              |          |
|--------------|----------|
| Product Name | AC Drive |
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## Categories

Drives → Low Voltage AC Drives → Industry-Specific Drives → Drives for HVAC → ACH580-3BCR - enclosed with soft start e-Clipse bypass with circuit breaker, US

