



PRODUCT-DETAILS

# AYK580-01-023A-4

(AYK580-01-023A-4)



| General Information     |                    |
|-------------------------|--------------------|
| Global Commercial Alias | AYK580-01-023A-4   |
| Product ID              | 3AUA0000233151     |
| ABB Type Designation    | AYK580-01-023A-4   |
| Catalog Description     | (AYK580-01-023A-4) |
| Long Description        | AYK580-01-023A-4   |

| Ordering                |                    |
|-------------------------|--------------------|
| Country of Origin       | United States (US) |
| Customs Tariff Number   | 85044080           |
| Invoice Description     | AYK580-01-023A-4   |
| Made To Order           | No                 |
| Minimum Order Quantity  | 1 EA               |
| Order Multiple          | 1 EA               |
| Quote Only              | No                 |
| Selling Unit of Measure | each               |

| Dimensions         |      |
|--------------------|------|
| Product Net Weight | 0 kg |

Package Level 1 Units

1 EA

Technical

|   |         |
|---|---------|
| Frame Size                                      | R2      |
| Apparent Power Output                           | 19 kV·A |
| Efficiency Level                                | IE2     |
| Standby Loss                                    | 14 W    |
| Complete Drive Module<br>Efficiency (61800-9-2) |         |

| Operating Point<br>Frequency / Current | Absolute<br>Loss | Relative<br>Loss | Efficiency |
|--|------------------|------------------|------------|
| 0 / 25 %                               | 118 W            | 0.6 %            | 89.5 %     |
| 0 / 50 %                               | 150 W            | 0.8 %            | 92.9 %     |
| 0 / 100 %                              | 258 W            | 1.4 %            | 93.8 %     |
| 50 / 25 %                              | 127 W            | 0.7 %            | 94.3 %     |
| 50 / 50 %                              | 166 W            | 0.9 %            | 96.1 %     |
| 50 / 100 %                             | 292 W            | 1.5 %            | 96.5 %     |
| 90 / 50 %                              | 179 W            | 0.9 %            | 97.6 %     |
| 90 / 100 %                             | 342 W            | 1.8 %            | 97.7 %     |

Temperature Rating

Maximum 40 °C

Additional Information

|              |                     |
|--------------|---------------------|
| Product Name | Frequency converter |
|--------------|---------------------|

Classifications

|        |          |
|--------|----------|
| UNSPSC | 39122001 |
|--------|----------|

Categories

Drives → Low Voltage AC Drives → Industry-Specific Drives → Drives for HVAC → ACH580-01 - Wall-mounted drive for HVAC

