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 PRODUCT-DETAILS

## ACS355-03E-15A6-4

LV AC machinery drive module, IEC: Pn 7.5 kW,  
15.6 A (ACS355-03E-15A6-4)




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### General Information

|                                 |  |
|---------------------------------|--|
| <b>Global Commercial Alias:</b> | ACS355-03E-15A6-4  |
| <b>Product ID:</b>              | 3AUA0000058191   |
| <b>ABB Type Designation:</b>    | ACS355-03E-15A6-4  |
| <b>EAN:</b>                     | 6438177240396  |
| <b>Catalog Description:</b>     | LV AC machinery drive module, IEC: Pn 7.5 kW, 15.6 A (ACS355-03E-15A6-4)   |
| <b>Long Description:</b>        | <p>The ACS355 drives are designed to meet the requirements of an extensive range of machinery applications in food and beverage, material handling, lifting, textile, printing, rubber and plastics, and woodworking applications.</p> <p>The drive is user-friendly, yet it provides a wide range of built-in technology such as the safe torque off functionality and sequence programming, reducing the need for additional control electronics. The product offers options and diverse functionality to cater to the needs set for speed and torque control of AC induction and permanent magnet motors.</p> |
| <b>Display Name:</b>            | ACS355-03E-15A6-4  |

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### Ordering

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|-------------------------------|----------|
| <b>Customs Tariff Number:</b> | 85044085 |
|-------------------------------|----------|

**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

**Invoice Description:** ACS355-03E-15A6-4 Pn 7,5kW, I2n 15,6A IP20

**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:** 3.3 kg

**Product Net Depth / Length:** 169 mm

**Product Net Height:** 236 mm

**Product Net Width:** 169 mm

**Package Level 1 Depth / Length:** 327 mm

**Package Level 1 Height:** 220 mm

**Package Level 1 Width:** 200 mm

**Package Level 1 Units:** carton 1 piece

## Technical

| Operating Point<br>Frequency / Current | Absolute<br>Loss | Relative<br>Loss | Efficiency |
|--|------------------|------------------|------------|
| 0 / 25 %                               | 78 W             | 0.7 %            | 88.0 %     |
| 0 / 50 %                               | 99 W             | 0.9 %            | 91.8 %     |
| 0 / 100 %                              | 166 W            | 1.5 %            | 93.0 %     |
| 50 / 25 %                              | 85 W             | 0.8 %            | 93.3 %     |
| 50 / 50 %                              | 112 W            | 1.0 %            | 95.4 %     |
| 50 / 100 %                             | 195 W            | 1.8 %            | 95.9 %     |
| 90 / 50 %                              | 126 W            | 1.2 %            | 97.0 %     |
| 90 / 100 %                             | 235 W            | 2.2 %            | 97.2 %     |

**Number of Phases:** 3-phase

**Degree of Protection:** IP20

**Enclosure Type NEMA:** Open Type

**Multiple Battery Information:** No battery / cell included

**Frequency (f):** 50/60 Hz

**Frame Size:** R3

**Input Voltage (U<sub>in</sub>):** 380 ... 480 V

**Mounting Type:** Module for cabinet building

|  |   |
|--|---|
| <b>Communication Protocol:</b>                                 | MODBUS<br>LON<br>DeviceNet<br>PROFIBUS<br>CAN<br>EtherNet/IP<br>PROFINET IO<br>TCP/IP<br>Other Bus Systems                |
| <b>Number of Hardware Interfaces:</b>                          | Industrial Ethernet 0<br>PROFINET 0<br>RS-232 1<br>RS-422 0<br>RS-485 1<br>Serial TTY 0<br>USB 0<br>Parallel 0<br>Other 1 |
| <b>Includes:</b>   | Without control unit<br>Without optical interface<br>With PC connection   |
| <b>Analog Inputs:</b>  | 2   |
| <b>Analog Outputs:</b>   | 1   |
| <b>Number of Digital In/Outputs:</b>                           | 5/1   |
| <b>Output Current, Normal Use (<math>I_n</math>):</b>          | 15.6 A  |
| <b>Output Power, Normal Use (<math>P_n</math>):</b>            | 7.5 kW  |
| <b>Output Power, Light-Overload Use (<math>P_{LD}</math>):</b> | 7.5 kW  |
| <b>Power Consumption (@<math>P_{cons}</math>):</b>             | 235 W   |
| <b>Apparent Power Output:</b>                                  | 11 kV·A   |
| <b>Efficiency Level:</b>                                       | IE2   |
| <b>Standby Loss:</b>   | 9 W   |
| <b>Temperature Rating:</b>                                     | Maximum 40 °C   |

## Certificates and Declarations

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| <b>Declaration of Conformity - CE:</b> | 3AXD10000499279  |
| <b>REACH Date:</b>                     | 20250905   |
| <b>REACH Declaration:</b>              | 9AKK107992A7060  |
| <b>REACH Information:</b>              | True - contains substances > 0.1 mass percentage                       |
| <b>RoHS Date:</b>                      | 20230303   |
| <b>RoHS Declaration:</b>               | 3AXD10000499279  |
| <b>RoHS Information:</b>               | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |

## Environmental

|                       |  |
|-----------------------|--|
| <b>SCIP:</b>          | 43820909-4262-4B16-BB51-6A918585E7CA Finland               |
| <b>WEEE Category:</b> | 5. Small Equipment (No External Dimension More Than 50 cm) |

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## External Classifications and Standards

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UNSPSC: 39122001

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## Categories

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Products > Drives > Low Voltage AC Drives > Machinery Drives > ACS355 - Machinery Drive

