



PRODUCT-DETAILS

**ACS355-03E-12A5-4+B063**  
ACS355-03E-12A5-4+B063 Pn 5,5, I2n 12,5A  
IP66.



| General Information      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
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| Global Commercial Alias: | ACS355-03E-12A5-4+B063                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Product ID:              | 3AUA0000058164                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| ABB Type Designation:    | ACS355-03E-12A5-4+B063                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| EAN:                     | 6438177224471                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Catalog Description:     | ACS355-03E-12A5-4+B063 Pn 5,5, I2n 12,5A IP66.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Long Description:        | 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. 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. |
| Display Name:            | ACS355-03E-12A5-4+B063                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

| Additional Information |                        |
|------------------------|------------------------|
| ABB Type Designation:  | ACS355-03E-12A5-4+B063 |

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|--------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Analog Inputs:</b>                      | 2                                                                                                                                                                                                                                                                                                      |
| <b>Analog Outputs:</b>                     | 1                                                                                                                                                                                                                                                                                                      |
| <b>Battery Type:</b>                       | Button Cell                                                                                                                                                                                                                                                                                            |
| <b>CN8:</b>                                | 85044084                                                                                                                                                                                                                                                                                               |
| <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>Country of Origin:</b>                  | China<br>Finland                                                                                                                                                                                                                                                                                       |
| <b>Customs Tariff Number:</b>              | 85044085                                                                                                                                                                                                                                                                                               |
| <b>Declaration of Conformity - CE:</b>     | 3AXD10000499279                                                                                                                                                                                                                                                                                        |
| <b>Degree of Protection:</b>               | IP66                                                                                                                                                                                                                                                                                                   |
| <b>EAN:</b>                                | 6438177224471                                                                                                                                                                                                                                                                                          |
| <b>Enclosure Class:</b>                    | IP66                                                                                                                                                                                                                                                                                                   |
| <b>Enclosure Type NEMA:</b>                | Type4X                                                                                                                                                                                                                                                                                                 |
| <b>Four Quadrant Operation:</b>            | No                                                                                                                                                                                                                                                                                                     |
| <b>Frame Size:</b>                         | R3                                                                                                                                                                                                                                                                                                     |
| <b>Frequency (f):</b>                      | 50/60 Hz                                                                                                                                                                                                                                                                                               |
| <b>Global Commercial Alias:</b>            | ACS355-03E-12A5-4+B063                                                                                                                                                                                                                                                                                 |
| <b>Gross Weight:</b>                       | 18 kg                                                                                                                                                                                                                                                                                                  |
| <b>HS Code:</b>                            | 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 |
| <b>IDEA Granular Category Code (IGCC):</b> | 5104 >> Inverter drive AC                                                                                                                                                                                                                                                                              |
| <b>Includes:</b>                           | Without control unit<br>Without optical interface<br>With PC connection                                                                                                                                                                                                                                |
| <b>Input Voltage (U<sub>in</sub>):</b>     | 380 ... 480 V                                                                                                                                                                                                                                                                                          |
| <b>Integrated Breaking Resistance:</b>     | No                                                                                                                                                                                                                                                                                                     |
| <b>Intended Field of Application:</b>      | Industrial                                                                                                                                                                                                                                                                                             |
| <b>Invoice Description:</b>                | ACS355-03E-12A5-4+B063 Pn 5,5, I2n 12,5A IP66.                                                                                                                                                                                                                                                         |
| <b>Made To Order:</b>                      | No                                                                                                                                                                                                                                                                                                     |
| <b>Maximum Order Quantity:</b>             | 9999999 piece                                                                                                                                                                                                                                                                                          |
| <b>Maximum Output Frequency:</b>           | 599 Hz                                                                                                                                                                                                                                                                                                 |
| <b>Minimum Order Quantity:</b>             | 1 piece                                                                                                                                                                                                                                                                                                |
| <b>Module Function:</b>                    | LV AC machinery drive module                                                                                                                                                                                                                                                                           |
| <b>Mounting Type:</b>                      | Module for cabinet building                                                                                                                                                                                                                                                                            |
| <b>Multiple Battery Information:</b>       | Lithium Coin, CR2032, 220 mAh, 3 V, 1 pc, 3 g                                                                                                                                                                                                                                                          |
| <b>Number of Batteries:</b>                | 1                                                                                                                                                                                                                                                                                                      |
| <b>Number of Digital In/Outputs:</b>       | 5/1                                                                                                                                                                                                                                                                                                    |

|                                                                |                                                                                                                           |
|----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| <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>Number of Output Phases:</b>                                | 3                                                                                                                         |
| <b>Number of Phases:</b>                                       | 3-phase                                                                                                                   |
| <b>Order Multiple:</b>                                         | 1 piece                                                                                                                   |
| <b>Output Current, Normal Use (<math>I_n</math>):</b>          | 12.5 A                                                                                                                    |
| <b>Output Power, Light-Overload Use (<math>P_{LD}</math>):</b> | 5.5 kW                                                                                                                    |
| <b>Output Power, Normal Use (<math>P_n</math>):</b>            | 5.5 kW                                                                                                                    |
| <b>Output Voltage Maximum:</b>                                 | 480 V                                                                                                                     |
| <b>Package Level 1 Depth / Length:</b>                         | 768 mm                                                                                                                    |
| <b>Package Level 1 EAN:</b>                                    | 6438177224471                                                                                                             |
| <b>Package Level 1 Gross Weight:</b>                           | 18 kg                                                                                                                     |
| <b>Package Level 1 Height:</b>                                 | 325 mm                                                                                                                    |
| <b>Package Level 1 Units:</b>                                  | carton 1 piece                                                                                                            |
| <b>Package Level 1 Width:</b>                                  | 304 mm                                                                                                                    |
| <b>Power Consumption (@<math>P_{cons}</math>):</b>             | 181 W                                                                                                                     |
| <b>Product Main Type:</b>                                      | ACS355 IP66                                                                                                               |
| <b>Product Name:</b>                                           | Frequency converter                                                                                                       |
| <b>Product Net Depth / Length:</b>                             | 277 mm                                                                                                                    |
| <b>Product Net Height:</b>                                     | 477 mm                                                                                                                    |
| <b>Product Net Weight:</b>                                     | 13.7 kg                                                                                                                   |
| <b>Product Net Width:</b>                                      | 246 mm                                                                                                                    |
| <b>Product Series:</b>                                         | ACS355                                                                                                                    |
| <b>Product Type:</b>                                           | ACS355_IP66__Frequency_Converter                                                                                          |
| <b>Quote Only:</b>                                             | No                                                                                                                        |
| <b>REACH Date:</b>                                             | 20260316                                                                                                                  |
| <b>REACH Declaration:</b>                                      | 9AKK107992A7060                                                                                                           |
| <b>REACH Information:</b>                                      | True - contains substances > 0.1 mass percentage                                                                          |
| <b>Replaced Product ID (OLD):</b>                              | 3AUA0000039720                                                                                                            |
| <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                                                    |
| <b>SCIP:</b>                                                   | 47b78137-1890-4ab5-bdc3-447632b81b45 Finland                                                                              |
| <b>Selling Unit of Measure:</b>                                | piece                                                                                                                     |
| <b>Short Description:</b>                                      | ACS355-03E-12A5-4+B063 Pn 5,5, In 12,5A IP66.                                                                             |

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|-----------------------------|------------------------------------------------------------|
| Stocked At (Warehouses):    | Menden, Germany                                            |
|                             | Finland                                                    |
|                             | New Berlin,Wisconsin, United States                        |
|                             | Finland                                                    |
|                             | Beijing, China                                             |
|                             | Singapore, Singapore                                       |
|                             | Tokyo, Japan                                               |
|                             | Singapore, Singapore                                       |
|                             | Finland                                                    |
|                             | Bairro Santo Antonio, Brazil                               |
|                             | Bangalore, India                                           |
| Symmetric Tolerance (%tol): | Relative Net Frequency 5 %                                 |
|                             | Relative Net Voltage 10 %                                  |
| Type of Converter:          | U Converter                                                |
| UNSPSC:                     | 39122001                                                   |
| WEEE B2C / B2B:             | Business To Business                                       |
| WEEE Category:              | 5. Small Equipment (No External Dimension More Than 50 cm) |

