

PRODUCT-DETAILS

# ACS355-03E-07A5-2

## ACS355-03E-07A5-2 Pn 1,5kW, I2n 7,5A IP20.



### Información General

|                         |  |
|-------------------------|--|
| Global Commercial Alias | ACS355-03E-07A5-2  |
| Código de producto      | 3AUA0000058175   |
| ABB Type Designation    | ACS355-03E-07A5-2  |
| EAN                     | 6438177223504  |
| Descripción corta       | ACS355-03E-07A5-2 Pn 1,5kW, I2n 7,5A IP20.   |
| Descripción larga       | <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> |

### Clasificación

|                           |  |
|---------------------------|--|
| Country of Origin         | China (CN)<br>Finland (FI)                 |
| Código arancelario        | 85044084                                   |
| Invoice Description       | ACS355-03E-07A5-2 Pn 1,5kW, I2n 7,5A IP20. |
| Made To Order             | No   |
| Cantidad mínima de pedido | 1 piece                                    |
| Order Multiple            | 1 piece                                    |
| Quote Only                | No   |
| Selling Unit of Measure   | piece                                      |

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## Dimensiones

|                           |          |
|---------------------------|----------|
| Peso del product          | 2.2 kg   |
| Largo del product         | 161 mm   |
| Alto del producto         | 239 mm   |
| Ancho del product         | 70 mm    |
| Embalaje Nivel 1 Largo    | 344 mm   |
| Embalaje Nivel 1 Alto     | 132 mm   |
| Embalaje Nivel 1 Ancho    | 217 mm   |
| Embalaje Nivel 1 Unidades | 1 carton |

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## Technical

|  |   |
|--|---|
| Number of Phases                             | 3   |
| Grado de protección                          | IP20  |
| Enclosure Type NEMA                          | Open Type   |
| Frequency (f)                                | 50/60 Hz  |
| Input Voltage ( $U_{in}$ )                   | 200 ... 240 V   |
| Mounting Type                                | Module for cabinet building   |
| Communication Protocol                       | MODBUS<br>LON<br>DeviceNet<br>PROFIBUS<br>CAN<br>EtherNet/IP<br>PROFINET IO<br>TCP/IP<br>Other Bus Systems                |
| Number of Hardware Interfaces                | 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 |
| Includes                                     | With control unit<br>Without optical interface<br>With PC connection  |
| Analog Inputs                                | 2   |
| Analog Outputs                               | 1   |
| Number of Digital In/Outputs                 | 5/1   |
| Output Current, Normal Use                   | 7.5 A   |
| Output Power, Light-Overload Use             | 1.5 kW  |
| Output Power, Normal Use                     | 1.5 kW  |
| Apparent Power Output                        | 3.0 kV·A  |
| Efficiency Level                             | IE2   |
| Standby Loss                                 | 7 W   |
| Complete Drive Module Efficiency (61800-9-2) |   |

| Operating Point<br>Frequency / Current | Absolute<br>Loss | Relative<br>Loss | Efficiency |
|--|------------------|------------------|------------|
| 0 / 25 %                               | 38 W             | 1.3 %            | 80.6 %     |
| 0 / 50 %                               | 45 W             | 1.5 %            | 87.3 %     |
| 0 / 100 %                              | 60 W             | 2.0 %            | 90.5 %     |
| 50 / 25 %                              | 40 W             | 1.3 %            | 89.1 %     |
| 50 / 50 %                              | 49 W             | 1.6 %            | 92.9 %     |
| 50 / 100 %                             | 69 W             | 2.3 %            | 94.5 %     |
| 90 / 50 %                              | 55 W             | 1.8 %            | 95.4 %     |
| 90 / 100 %                             | 81 W             | 2.7 %            | 96.3 %     |

Temperature Rating

Maximum 40 °C

## Información Adicional

Product Main Type

ACS355

Product Name

Frequency converter

## Clasificaciones

Product Series

ACS355

ETIM 7

EC001857 - Frequency converter =&lt; 1 kV

UNSPSC

39122001

## Ambiente

SCIP

1eb4671c-03f2-4d45-b14e-602de0123aa6 Finland (FI)

Categoría RAEE

5. Small Equipment (No External Dimension More Than 50 cm)

## Where Used (as part of "kit")

| Identifier     | Description  | Type |
|----------------|--|------|
| 3AUA0000157180 | ACS355-03E-07A5-2 Solar Pump Drive;<br>ACS355-03E-07A5-2 Pn 1,1kW, I2n 7,5A IP20<br>Solar Pump Drive | Kit  |

## Categorías

Convertidores de frecuencia → Convertidores de frecuencia de baja tensión de CA → Convertidores de frecuencia para maquinaria  
→ ACS355 - Machinery Drive

