

PRODUCT-DETAILS

# ACS355-03E-38A0-4

## ACS355-03E-38A0-4 Pn 18,5kW,12n 38A IP20.



### Información General

Global Commercial Alias	ACS355-03E-38A0-4
Código de producto	3AUA0000058194
ABB Type Designation	ACS355-03E-38A0-4
EAN	6438177223696
Descripción corta	ACS355-03E-38A0-4 Pn 18,5kW,12n 38A 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) Finland (FI)
Código arancelario	85044088
Invoice Description	ACS355-03E-38A0-4 Pn 18,5kW,12n 38A IP20.
Made To Order	No
Cantidad mínima de pedido	1 piece
Order Multiple	1 piece
Quote Only	No
Selling Unit of Measure	piece

## Dimensiones

Peso del product	5.4 kg
Largo del product	260 mm
Alto del producto	244 mm
Product Net Length	260 mm
Ancho del product	169 mm
Embalaje Nivel 1 Largo	423 mm
Embalaje Nivel 1 Alto	260 mm
Embalaje Nivel 1 Ancho	243 mm
Embalaje Nivel 1	1 carton
Unidades	

## Technical

Number of Phases	3
Grado de protección	IP20
Enclosure Type NEMA	Open Type
Frequency (f)	50/60 Hz
Input Voltage (U <sub>in</sub> )	380 ... 480 V
Mounting Type	Module for cabinet building
Communication Protocol	MODBUS LON DeviceNet PROFIBUS CAN EtherNet/IP PROFINET IO TCP/IP Other Bus Systems
Number of Hardware Interfaces	Industrial Ethernet 0 PROFINET 0 RS-232 1 RS-422 0 RS-485 1 Serial TTY 0 USB 0 Parallel 0 Other 1
Includes	With control unit Without optical interface With PC connection
Analog Inputs	2
Analog Outputs	1
Number of Digital In/Outputs	5/1
Output Current, Normal Use	38 A
Output Power, Light-Overload Use	18.5 kW
Output Power, Normal Use	18.5 kW
Apparent Power Output	26 kV·A
Efficiency Level	IE2
Standby Loss	12 W
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	172 W	0.7 %	89.0 %
0 / 50 %	222 W	0.8 %	92.4 %
0 / 100 %	387 W	1.5 %	93.3 %
50 / 25 %	187 W	0.7 %	93.9 %
50 / 50 %	251 W	1.0 %	95.7 %
50 / 100 %	454 W	1.7 %	96.1 %
90 / 50 %	289 W	1.1 %	97.2 %
90 / 100 %	553 W	2.1 %	97.3 %

Temperature Rating Maximum 40 °C

### Información Adicional

Product Main Type	ACS355
Product Name	Frequency converter

### Clasificaciones

Product Series	ACS355
ETIM 7	EC001857 - Frequency converter =< 1 kV
UNSPSC	39122001

### Ambiente

SCIP	D35FF55E-E9CE-44C8-88B4-07511D5178EA Finland (FI)
Categoría RAEE	5. Small Equipment (No External Dimension More Than 50 cm)

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

Identifier	Description	Type
3AUA0000157198	ACS355-03E-38A0-4 Solar Pump Drive; ACS355-03E-38A0-4 Pn 15kW,12n 38A IP20 Solar Pump Drive	Kit

### Categorías

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

