



PRODUCT-DETAILS

ACS180-04S-15A6-2

LV AC machinery drive module, IEC: Pn 3 kW,
15.6 A (ACS180-04S-15A6-2)



General Information	
Global Commercial Alias:	ACS180-04S-15A6-2
Product ID:	3AXD50000822225
ABB Type Designation:	ACS180-04S-15A6-2
Catalog Description:	LV AC machinery drive module, IEC: Pn 3 kW, 15.6 A (ACS180-04S-15A6-2)
Long Description:	The ACS180 is a compact, robust, and adaptable variable speed drive (VSD) for applications such as pumps, fans, compressors, conveyors, winders and mixers. This easy-to-use compact VSD offers excellent performance and quality at superior value with all essential machinery application features embedded. And as a member of ABB's all-compatible drives portfolio, it shares the same architecture and user interfaces for ease of use.
Display Name:	ACS180-04S-15A6-2

Ordering	
Customs Tariff Number:	85044087

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: ACS180-04S-15A6-2 PN:3kW, IN:15.6A

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: 1.9 kg

Product Net Depth / Length: 143 mm

Product Net Height: 202 mm

Product Net Width: 120 mm

Package Level 1 Depth / Length: 225 mm

Package Level 1 Height: 115 mm

Package Level 1 Width: 220 mm

Package Level 1 Units: carton 1 piece

Technical

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	68 W	1.1 %	82.9 %
0 / 50 %	82 W	1.3 %	88.6 %
0 / 100 %	116 W	1.9 %	91.0 %
50 / 25 %	73 W	1.2 %	90.4 %
50 / 50 %	91 W	1.5 %	93.6 %
50 / 100 %	137 W	2.2 %	94.7 %
90 / 50 %	105 W	1.7 %	95.8 %
90 / 100 %	168 W	2.7 %	96.3 %

Number of Phases: 3-phase

Degree of Protection: IP20

Enclosure Type NEMA: Open Type

Frequency (f): 47.5 ... 63 Hz

Frame Size: R2

Input Voltage (U_{in}): 200 ... 240 V

Mounting Type: Module_NO UNIT\$

Output Current, Normal Use (I_n):	15.6 A
Output Current, Light-Overload Use (I_{LD}):	14.6 A
Output Current, Heavy-Duty Use (I_{HD}):	10.7 A
Output Power, Normal Use (P_n):	3 kW
Output Power, Light-Overload Use (P_{LD}):	3 kW
Output Power, Heavy-Duty Use (P_{HD}):	2.2 kW
Efficiency Level:	IE2

Environmental

SCIP:	40922a0b-ac0b-46c4-8517-b1d36d17a369 Finland
WEEE Category:	5. Small Equipment (No External Dimension More Than 50 cm)

External Classifications and Standards

UNSPSC:	39122001
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Categories

Products > Drives > Low Voltage AC Drives > Machinery Drives > ACS180 - Machinery Drive

