

PRODUCT-DETAILS

ACS180-04S-03A7-1

LV AC machinery drive module, IEC: Pn 0.55 kW, 3.7 A, 230 V, UL: Pld 0.75 Hp, 3.5 A, 230 V (ACS180-04S-03A7-1)



General Information	
Global Commercial Alias	ACS180-04S-03A7-1
Product ID	3AXD50000716579
ABB Type Designation	ACS180-04S-03A7-1
EAN	6438177649144
Catalog Description	LV AC machinery drive module, IEC: Pn 0.55 kW, 3.7 A, 230 V, UL: Pld 0.75 Hp, 3.5 A, 230 V (ACS180-04S-03A7-1)
Long Description	The ACS180 is a compact and robust 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.

Ordering	
Country of Origin	China (CN) Finland (FI)
Customs Tariff Number	85044085
Invoice Description	ACS180-04S-03A7-1 PN: 0.55 kW, IN: 3.7 A
Made To Order	Yes

Minimum Order Quantity	1 piece
Order Multiple	1 piece
Quote Only	No
Selling Unit of Measure	piece

Dimensions

Product Net Weight	0.92 kg 2.028 lb
Product Net Depth / Length	143 mm 5.630 in
Product Net Height	209 mm 8.228 in
Product Net Width	70 mm 2.756 in
Package Level 1 Depth / Length	225 mm 8.858 in
Package Level 1 Height	115 mm 4.528 in
Package Level 1 Width	220 mm 8.661 in

Technical

Number of Phases	1
Degree of Protection	IP20
Enclosure Type NEMA	Open Type
Altitude	1000 m
Power Factor	0.98
Frequency (f)	47 ... 63 Hz
Frame Size	R0
Input Voltage (U_{in})	200 ... 240 V
Communication Protocol	MODBUS
Number of Hardware Interfaces	Industrial Ethernet 0 Other 1 Parallel 0 PROFINET 0 RS-232 0 RS-422 0 RS-485 1 Serial TTY 0 USB 0
Includes	Control unit PC connection
Analog Inputs	2
Analog Outputs	1
Number of Digital In/Outputs	4 / 2
Output Current, Heavy- Duty Use (I_{HD})	2.4 A

Output Current, Light-Overload Use (I_{LD})	3.5 A
Output Current, Normal Use (I_n)	3.7 A
Output Power, Heavy-Duty Use (P_{HD})	0.37 kW
Output Power, Light-Overload Use (P_{LD})	0.55 kW
Output Power, Normal Use (P_n)	0.55 kW
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	
	0/25 %
	0/50 %
	0/100 %
	50/25 %
	50/50 %
	50/100 %
	90/50 %
	90/100 %

Additional Information	
Product Main Type	ACS180-04S
Product Name	Frequency converter

Classifications	
ETIM 8	EC001857 - Frequency converter =< 1 kV
ETIM 9	EC001857 - Frequency converter =< 1 kV

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

Categories

Drives → Low Voltage AC Drives → Machinery Drives → ACS180 - Machinery Drive

