



 PRODUCT-DETAILS

ACS180-04S-01A8-4

LV AC machinery drive module, IEC: Pn 0.55 kW, 1.8 A, 400 V, UL: Pld 0.75 Hp, 1.6 A, 460 V (ACS180-04S-01A8-4)



General Information

Global Commercial Alias	ACS180-04S-01A8-4
Product ID	3AXD50000716623
ABB Type Designation	ACS180-04S-01A8-4
EAN	6438177649199

Catalog Description	LV AC machinery drive module, IEC: Pn 0.55 kW, 1.8 A, 400 V, UL: Pld 0.75 Hp, 1.6 A, 460 V (ACS180-04S-01A8-4)
---------------------	--

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.
------------------	--

Complete Drive Module Efficiency (61800-9-2)

Operating Point Frequency / Current	Absolute Loss	Efficiency	Relative Loss
0/25 %	15 W	84.1 %	1.2 %
0/50 %	16 W	88.8 %	1.2 %
0/100 %	18 W	92.5 %	1.4 %
50/25 %	16 W	91.4 %	1.3 %
50/50 %	16 W	94.0 %	1.3 %
50/100 %	19 W	95.9 %	1.6 %
90/50 %	18 W	96.3 %	1.4 %
90/100 %	22 W	97.4 %	1.8 %

Ordering

Customs Tariff Number	85044085
EAN	6438177649199
Quote Only	No
Made To Order	Yes
Selling Unit of Measure	piece
Minimum Order Quantity	1 piece
Order Multiple	1 piece

Dimensions

Product Net Height	209 mm 8.228 in
Product Net Weight	0.92 kg 2.028 lb
Product Net Width	70 mm 2.756 in
Product Net Depth / Length	143 mm 5.630 in

Technical

Frequency (f)	47 ... 63 Hz
Input Voltage (U _{in})	380 ... 480 V
Mounting Type	Module
Number of Phases	3
Communication Protocol	MODBUS

Additional Information

Product Main Type	ACS180-04S
Product Name	Frequency converter

Environmental

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

Classifications

Categories

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

