



PRODUCT-DETAILS

AYK580-01-414A-4

(AYK580-01-414A-4)



General Information	
Global Commercial Alias	AYK580-01-414A-4
Product ID	3AUA0000233165
ABB Type Designation	AYK580-01-414A-4
Catalog Description	(AYK580-01-414A-4)
Long Description	AYK580-01-414A-4

Ordering	
Country of Origin	United States (US)
Customs Tariff Number	85044080
Invoice Description	AYK580-01-414A-4
Made To Order	No
Minimum Order Quantity	1 EA
Order Multiple	1 EA
Quote Only	No
Selling Unit of Measure	each

Dimensions

Product Net Weight	0 lb
Package Level 1 Units	1 EA

Technical

Frame Size	R9
Apparent Power Output	344 kV·A
Efficiency Level	IE2
Standby Loss	107 W
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	1388 W	0.4 %	93.0 %
0 / 50 %	2009 W	0.6 %	94.7 %
0 / 100 %	3784 W	1.1 %	95.0 %
50 / 25 %	1527 W	0.4 %	96.2 %
50 / 50 %	2270 W	0.7 %	97.1 %
50 / 100 %	4388 W	1.3 %	97.2 %
90 / 50 %	2672 W	0.8 %	98.1 %
90 / 100 %	5691 W	1.7 %	97.9 %

Temperature Rating	Maximum 40 °C
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Classifications

UNSPSC	39122001
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Additional Information

Product Name	Frequency converter
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Categories

Drives → Low Voltage AC Drives → Industry-Specific Drives → Drives for HVAC → ACH580-01 - Wall-mounted drive for HVAC

