



PRODUCT-DETAILS

AYK580-01-012A-4

(AYK580-01-012A-4)



General Information	
Global Commercial Alias	AYK580-01-012A-4
Product ID	3AUA0000233149
ABB Type Designation	AYK580-01-012A-4
Catalog Description	(AYK580-01-012A-4)
Long Description	AYK580-01-012A-4

Ordering	
Country of Origin	United States (US)
Customs Tariff Number	85044080
Invoice Description	AYK580-01-012A-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 kg

Package Level 1 Units

1 EA

Technical

Frame Size	R1
Apparent Power Output	10 kV·A
Efficiency Level	IE2
Standby Loss	15 W
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	66 W	0.7 %	88.9 %
0 / 50 %	85 W	0.8 %	92.3 %
0 / 100 %	149 W	1.5 %	93.2 %
50 / 25 %	70 W	0.7 %	94.0 %
50 / 50 %	93 W	0.9 %	95.8 %
50 / 100 %	168 W	1.7 %	96.2 %
90 / 50 %	102 W	1.0 %	97.4 %
90 / 100 %	200 W	2.0 %	97.4 %

Temperature Rating

Maximum 40 °C

Additional Information

Product Name	Frequency converter
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Classifications

UNSPSC	39122001
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Categories

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

