

PRODUCT-DETAILS

MFE190-04UD-06A0-2

e190 servo drive, 1P/3P, 220 VAC, IN: 6 A



General Information

Global Commercial Alias	MFE190-04UD-06A0-2
Product ID	3AXD50000637102
ABB Type Designation	MFE190-04UD-06A0-2
Catalog Description	e190 servo drive, 1P/3P, 220 VAC, IN: 6 A
Long Description	MicroFlex e190 is a compact servo drive with flexible Ethernet communication protocol options. It can operate with one of the selectable built-in Ethernet protocols. A free Mint programming license is provided for the drive to realize easy positioning tasks. The drive supports various feedback types, allowing for flexible motor pairing options.

Ordering

Country of Origin	China (CN) Finland (FI)
Customs Tariff Number	9032899099
Invoice Description	e190 servo drive, 1P/3P, 220 VAC, IN: 6 A
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Quote Only	No
Selling Unit of Measure	piece

Container Information

Gross Volume	6.2 dm³
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Dimensions

Product Net Weight	1.567 kg
Product Net Depth / Length	205 mm
Product Net Height	121 mm
Product Net Width	250 mm
Package Level 1 Units	1 carton

Technical

Number of Phases	1 3
Degree of Protection	IP20
Frequency (f)	40 ... 72 Hz
Frame Size	A
Input Voltage (U _{in})	200 ... 240 V
Output Current, Normal	6 A
Use (I _n)	
Apparent Power Output	2.5 kV·A
Efficiency Level	IE2
Standby Loss	16 W
Complete Drive Module Efficiency (61800-9-2)	

Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	37 W	1.5 %	78.3 %
0 / 50 %	41 W	1.6 %	86.2 %
0 / 100 %	52 W	2.1 %	90.2 %
50 / 25 %	37 W	1.5 %	88.0 %
50 / 50 %	42 W	1.7 %	92.6 %
50 / 100 %	54 W	2.2 %	94.8 %
90 / 50 %	45 W	1.8 %	95.6 %
90 / 100 %	58 W	2.3 %	96.8 %

Temperature Rating	Maximum 55 °C
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Additional Information

Product Name	MicroFlex e190
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Classifications

UNSPSC	26101100
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Environmental

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

Drives → Low Voltage AC Drives → Servo Products → Servo Drives → MicroFlex e190 - Flexible Ethernet AC Servo Drive with Programing Option

