



Allen-Bradley

2198-H008-ERS

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Category	Drives
Function	Motor motion control
Operating configuration	Standalone device or grouped with other servo modules into a multi-axis configuration with shared DC, shared AC, shared AC/DC hybrid, or shared DC/AC
Supply voltage	240 V (single phase); 240/480 V (three phase)
Control input supply	24 VDC
Continuous output current	3.5 Amperes (0-peak)
Peak output current	6.3 Amperes
Internal shunt power	30 W
Short-circuit current rating	200,000 A (rms) symmetrical
Recommended bus fuse	KTK-R-7 for 240 VAC or 480 VAC, three-phase, UL-rated applications
Supported motor size	0.5 kW to 1.6 kW motors, depending on output voltage
Velocity loop	300 Hz
Current loop	1000 Hz
Efficiency	0.97
Safe Torque Off	Hardwired
Integrated Safety Over Ethernet/IP	No

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Safety ratings	ISO 13849-1, Performance Level d (PL d) and Category 3; SIL CL 2 per IEC 61508, IEC 61800-5-2, and IEC 62061
Protection system	UL 508 C
Motor overload protection	Solid-state motor overload protection
External temperature sensor input	Input for an external temperature sensor device implanted in the motor
Frame size	Frame Size 1
Dimensions	1.97 x 8.90 x 8.46 in (50 x 226 x 215 mm)
Housing space	50 x 170 x 200 millimeter (1.97 x 6.69 x 7.87 inch)
Cable length	50 meters (164 feet) for standard non-flex cables; 30 meters (98.4 feet) for continuous flex cables
Manufacturer	Allen Bradley
Product line	Kinetix 5500 Servo Drive
Part number	2198-H008-ERS

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