


EU Declaration of Conformity

<i>Product:</i>	Kinetix 5500/5700 Digital Servo Drives and Accessories	
<i>Name and address of the manufacturer:</i>	Rockwell Automation, Inc. 6400 W. Enterprise Drive Mequon, WI 53092 USA	<i>Name and address of the authorised representative:</i> Rockwell Automation B.V. Rivium Promenade 160 2909 LM Capelle aan den IJssel The Netherlands
<i>This declaration of conformity is issued under the sole responsibility of the manufacturer.</i>		
<i>Object of the declaration:</i>	Allen-Bradley Bulletin 2198 <i>(reference the attached list of catalogue numbers)</i>	
<i>The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:</i>		
2006/95/EC	Low Voltage Directive	(LVD)
2004/108/EC	EMC Directive	(EMC)
2006/42/EC	Machinery Directive	(MD)
<i>References to the relevant harmonised standards used or references to the other technical specifications in relation to which conformity is declared:</i>		
EN 61800-5-1:2007	Adjustable speed electrical power drive systems – Part 5-1: Safety requirements – Electrical, thermal and energy.	
EN 61800-5-2:2007	Adjustable speed electrical power drive systems – Part 5-2: Safety requirements – Functional	
EN 61800-3:2004 + A1:2012	Adjustable speed electrical power drive systems – Part 3: EMC requirements and specific test methods	
EN 60204-1:2006 + A1:2009	Safety of machinery – Electrical equipment of machines – Part 1: General requirements	
IEC 61508: Part 1-7:2010	Functional safety of electrical/electronic/programmable electronic safety-related systems	
EN 62061:2005 + A1:2013	Safety of machinery – Functional safety of safety-related electrical, electronic and programmable electronic control systems	
EN ISO 13849-1:2008	Safety of machinery – Safety-related parts of control systems – Part 1: General principles for design	
<i>Notified Body:</i>	TÜV Rheinland, Am Grauen Stein, 51105 Köln, (NB 0035)	
<i>performed:</i>	EC Type Examination	
<i>and issued the certificate:</i>	01/205/5255.02/15 (MD)	
<i>Additional information:</i>		
<i>Year of CE Marking (LVD):</i>	2012	
<i>Person authorised to compile the technical file (MD):</i>	Authorised representative (see details above).	
<i>Product Safety Function (MD):</i>	Safe Torque-Off	
<i>Signed for and on behalf of the above named manufacturer:</i>		
<i>Place and date of issue:</i>	Mequon, WI USA	15-Apr-2015
<i>Name, function:</i>	Thomas Van Groll, Director Engineering	
<i>Signature:</i>		

Catalogue number	Series ³	Description	Directive ⁴		
			EMC	LVD	MD
Bulletin 2198 Servo Drives					
2198-H003-ERS		<i>Kinetix 5500, Frame 1, 195-528Vrms, 2.5Apk, Hardwired Safety</i>	Yes	Yes	Yes
2198-H008-ERS		<i>Kinetix 5500, Frame 1, 195-528Vrms, 6.25Apk, Hardwired Safety</i>	Yes	Yes	Yes
2198-H015-ERS		<i>Kinetix 5500, Frame 2, 195-528Vrms, 12.5Apk, Hardwired Safety</i>	Yes	Yes	Yes
2198-H025-ERS		<i>Kinetix 5500, Frame 2, 195-528Vrms, 20Apk, Hardwired Safety</i>	Yes	Yes	Yes
2198-H040-ERS		<i>Kinetix 5500, Frame 2, 195-528Vrms, 32.5Apk, Hardwired Safety</i>	Yes	Yes	Yes
2198-H070-ERS		<i>Kinetix 5500, Frame 3, 195-528Vrms, 57.5Apk, Hardwired Safety</i>	Yes	Yes	Yes
2198-H003-ERS2		<i>Kinetix 5500, Frame 1, 195-528Vrms, 2.5Apk, Integrated Safety Over Ethernet/IP</i>	Yes	Yes	Yes
2198-H008-ERS2		<i>Kinetix 5500, Frame 1, 195-528Vrms, 6.25Apk, Integrated Safety Over Ethernet/IP</i>	Yes	Yes	Yes
2198-H015-ERS2		<i>Kinetix 5500, Frame 2, 195-528Vrms, 12.5Apk, Integrated Safety Over Ethernet/IP</i>	Yes	Yes	Yes
2198-H025-ERS2		<i>Kinetix 5500, Frame 2, 195-528Vrms, 20Apk, Integrated Safety Over Ethernet/IP</i>	Yes	Yes	Yes
2198-H040-ERS2		<i>Kinetix 5500, Frame 2, 195-528Vrms, 32.5Apk, Integrated Safety Over Ethernet/IP</i>	Yes	Yes	Yes
2198-H070-ERS2		<i>Kinetix 5500, Frame 3, 195-528Vrms, 57.5Apk, Integrated Safety Over Ethernet/IP</i>	Yes	Yes	Yes
2198-P031		<i>Kinetix 5700, 31.6A, DC Bus Supply</i>	Yes	Yes	N/R
2198-P070		<i>Kinetix 5700, 70.3A, DC Bus Supply</i>	Yes	Yes	N/R
2198-P141		<i>Kinetix 5700, 140.8A, DC Bus Supply</i>	Yes	Yes	N/R
2198-P208		<i>Kinetix 5700, 207.6A, DC Bus Supply</i>	Yes	Yes	N/R
2198-S086-ERS3		<i>Kinetix 5700, 86.0A, Single Axis Inverter, Integrated Safety</i>	Yes	Yes	Yes
2198-S130-ERS3		<i>Kinetix 5700, 130.0A, Single Axis Inverter, Integrated Safety</i>	Yes	Yes	Yes
2198-S160-ERS3		<i>Kinetix 5700, 160.0A, Single Axis Inverter, Integrated Safety</i>	Yes	Yes	Yes
2198-D006-ERS3		<i>Kinetix 5700, 6.3Arms Peak, Dual Axis Inverter, Integrated Safety</i>	Yes	Yes	Yes
2198-D012-ERS3		<i>Kinetix 5700, 12.5A, Dual Axis Inverter, Integrated Safety</i>	Yes	Yes	Yes
2198-D020-ERS3		<i>Kinetix 5700, 20.0A, Dual Axis Inverter, Integrated Safety</i>	Yes	Yes	Yes
2198-D032-ERS3		<i>Kinetix 5700, 32.5A, Dual Axis Inverter, Integrated Safety</i>	Yes	Yes	Yes
2198-D057-ERS3		<i>Kinetix 5700, 57.5A, Dual Axis Inverter, Integrated Safety</i>	Yes	Yes	Yes
AC Line Filters					
2198-DB08-F		<i>460 Volt 7.5 Amp Three-Phase AC Line Filter</i>	Yes	Yes	N/R
2198-DB20-F		<i>460 Volt 20 Amp Three-Phase AC Line Filter</i>	Yes	Yes	N/R
2198-DB42-F		<i>460 Volt 42 Amp Three-Phase AC Line Filter</i>	Yes	Yes	N/R
2198-DB80-F		<i>460 Volt 80 Amp Three-Phase AC Line Filter</i>	Yes	Yes	N/R
2198-DB290-F		<i>460 Volt 290 Amp Three-Phase AC Line Filter</i>	Yes	Yes	N/R
Shunts					
2097-R6		<i>75 Ohm, 150W, External Shunt Resistor</i>	Yes	Yes	N/R
2097-R7		<i>150 Ohm, 80 W, External Shunt Resistor</i>	Yes	Yes	N/R
2198-R004		<i>Kinetix 5700 Passive External Shunt Resistor 33.0Ω, 400W</i>	N/R	N/R	N/R

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2198-R014		<i>Kinetix 5700 Passive External Shunt Resistor 9.0Ω, 1.4KW</i>	N/R	N/R	N/R
2198-R031		<i>Kinetix 5700 Passive External Shunt Resistor 33.0Ω, 3.1KW</i>	N/R	N/R	N/R
2198-R127		<i>Kinetix 5700 Passive External Shunt Resistor 12.5Ω, 12.7KW</i>	N/R	N/R	N/R
Capacitor Modules					
2198-CAPMOD-1300		<i>Kinetix 5500, Capacitor Module</i>	Yes	Yes	N/R
2198-CAPMOD-2240		<i>Kinetix 5700, Capacitor Module</i>	Yes	Yes	N/R
2198-CAPMOD-DCBUS-IO		<i>Kinetix 5700, Capacitor Extension Module</i>	Yes	Yes	N/R
Motor Compatibility ²					
VPL-Axxxxx-yyyyyy ¹		<i>230 Volt VP Low-inertia Servo Motor</i>	Yes	Yes	N/R
VPL-Bxxxxx-yyyyyy ^{1.5}		<i>460 Volt VP Low-inertia Servo Motor</i>	Yes	Yes	N/R
VPF-Axxxxx-yyyyyy ^{1.5}		<i>230 Volt VP Low-inertia Servo Motor</i>	Yes	Yes	N/R
VPF-Bxxxxx-yyyyyy ^{1.5}		<i>460 Volt VP Low-inertia Servo Motor</i>	Yes	Yes	N/R
VPS-Bxxxxx-yyyyyy ^{1.5}		<i>460 Volt VP Low-inertia Servo Motor</i>	Yes	Yes	N/R
MPF-Axxxx-yyyyyy ^{1.5}		<i>230 Volt Food Grade High Performance Servo Motor</i>	Yes	Yes	N/R
MPF-Bxxxx-yyyyyy ^{1.5}		<i>460 Volt Food Grade High Performance Servo Motor</i>	Yes	Yes	N/R
MPG-Axxxx-yyyyyy ^{1.5}		<i>230 Volt Integrated Gear High Performance Servo Motor</i>	Yes	Yes	N/R
MPG-Bxxxx-yyyyyy ^{1.5}		<i>460 Volt Integrated Gear High Performance Servo Motor</i>	Yes	Yes	N/R
MPS-Axxxx-yyy ^{1.5}		<i>230V Stainless Steel High Performance Servo Motor</i>	Yes	Yes	N/R
MPS-Bxxxx-yyy ^{1.5}		<i>460V Stainless Steel High Performance Servo Motor</i>	Yes	Yes	N/R
MPL-Axxxx-yyyyyy ^{1.5}		<i>230 Volt High Resolution Feedback High Performance Servo Motor</i>	Yes	Yes	N/R
MPL-Bxxxx-yyyyyy ^{1.5}		<i>460 Volt High Resolution Feedback High Performance Servo Motor</i>	Yes	Yes	N/R
MPM-Axxxxxx-yyyyyy ^{1.5}		<i>230 Volt High Resolution Feedback High Performance Servo Motor</i>	Yes	Yes	N/R
MPM-Bxxxxxx-yyyyyy ^{1.5}		<i>460 Volt High Resolution Feedback High Performance Servo Motor</i>	Yes	Yes	N/R
LDAT-xxxxyyy-xDxx ^{1.5}		<i>LDAT, Integrated Linear Thruster, 230V/460V</i>	Yes	Yes	N/R
Cable Compatibility					
2090-CSWM1DF-YAALL ¹		<i>Motor power/feedback cable for use with VP family motors, YY = wire gauge, LL = length in meters</i>	N/R	N/R	N/R
2090-CSBM1DF-YAALL ¹		<i>Motor power/feedback with brake cable for use with VP family motors, YY = wire gauge, LL = length in meters</i>	N/R	N/R	N/R
2090-CSWM1DE-YAALL ⁵		<i>Motor power/feedback cable for use with VP family motors, YY = wire gauge, LL = length in meters</i>	N/R	N/R	N/R
2090-CSBM1DE-YAALL ⁵		<i>Motor power/feedback with brake cable for use with VP family motors, YY = wire gauge, LL = length in meters</i>	N/R	N/R	N/R
2090-CSWM1DE-YAFL ⁵		<i>Motor power/feedback cable for use with VP family motors, YY = wire gauge, LL = length in meters</i>	N/R	N/R	N/R
2090-CSBM1DE-YAFL ⁵		<i>Motor power/feedback with brake cable for use with VP family motors, YY = wire gauge, LL = length in meters</i>	N/R	N/R	N/R
2090-CPWM4E2-YYTR ^{1.5}		<i>Motor power transition cables for use with MP family motors. YY = gauge. (From Bayonet Style to DIN Style Connectors)</i>	N/R	N/R	N/R
2090-CPBM4E2-YYTR ^{1.5}		<i>Motor power with brake transition cables for use with MP motors, YY = wire gauge (From Bayonet Style to DIN Style Connectors)</i>	N/R	N/R	N/R
2090-CFBM4E2-CATR ^{1.5}		<i>Motor feedback transition cable for use with MP family motors (From Bayonet Style to DIN Style Connectors)</i>	N/R	N/R	N/R

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2090-XXNPMP-YYSSL ^{1,5}		Power Cable for MP or 1326AB motor using the MP connector system, YY = wire gauge, LL = length in meters	N/R	N/R	N/R
2090-XXNFMP-SLL ^{1,5}		Feedback Cable for MP or 1326AB motor using the MP connector system, LL = length in meters	N/R	N/R	N/R
2090-UXNFBMP-SLL ^{1,5}		Feedback Cable for MP or 1326AB motor using the MP connector system, LL = length in meters	N/R	N/R	N/R
2090-XXNPMF-YYSSL ^{1,5}		MPF-motor power cable, non-flex, YY = wire gauge, LL = length in meters	N/R	N/R	N/R
2090-XXNFMF-SLL ^{1,5}		MPF-encoder feedback cable, non-flex, LL = length in meters	N/R	N/R	N/R
2090-XXTPMP-YYSSL ^{1,5}		Continuous Flex Motor power cables for MP family motors, YY = gauge, LL = length in meters	N/R	N/R	N/R
2090-XXTFMP-SLL ^{1,5}		Continuous Flex Motor feedback cables for MP family motors, LL = length in meters	N/R	N/R	N/R
2090-CPWM4DF-YYAFL ^{1,5}		Continuous Flex Motor power cable for MP or 1326AB motor, YY = wire gauge, LL = length in meters	N/R	N/R	N/R
2090-CFBM4DF-CDAFL ^{1,5}		Continuous Flex Motor feedback cable for MP or 1326AB motor, LL = length in meters	N/R	N/R	N/R
2090-CDNFDMP-SLL ^{1,5}		Motor Resolver feedback cable, LL = length in meters	N/R	N/R	N/R
2090-CFBM4DF-CEAALL ^{1,5}		Motor Resolver feedback cable, LL = length in meters	N/R	N/R	N/R
2090-CFBM4DD-CDAALL ^{1,5}		Feedback Cable for MP or 1326AB motor using the MP connector system, LL = length in meters	N/R	N/R	N/R
2090-CFBM7DF-CDAFL ^{1,5}		Continuous Flex Motor feedback cable for MP or 1326AB motor, with SPEEDTEC connectors, LL = length in meters	N/R	N/R	N/R
2090-CPWM7DF-YYAFL ^{1,5}		Continuous Flex Motor power cable for MP or 1326AB motor, with SPEEDTEC connector, YY = wire gauge, LL = length in meters	N/R	N/R	N/R
2090-CPBM7DF-YYAFL ^{1,5}		Continuous Flex Motor power with brake cable for MP or 1326AB motor, with SPEEDTEC connector, YY = wire gauge, LL = length in meters	N/R	N/R	N/R
2090-CFBM7E7-YYAFL ^{1,5}		Continuous Flex Motor feedback extension cable for MP or 1326AB motor, with SPEEDTEC connectors, YY = wire gauge, LL = length in meters	N/R	N/R	N/R
2090-CPBM7E7-YYAFL ^{1,5}		Continuous Flex Motor power with brake extension cable for MP or 1326AB motor, with SPEEDTEC connectors, YY = wire gauge, LL = length in meters	N/R	N/R	N/R
2090-CPWM7DF-YYAALL ^{1,5}		Power Cable for MP, RD or 1326AB motor with SPEEDTEC connector, YY = wire gauge, LL = length in meters	N/R	N/R	N/R
2090-CPBM7DF-YYAALL ^{1,5}		Power with Brake Cable for MP, RD or 1326AB motor with SPEEDTEC connector, YY = wire gauge, LL = length in meters	N/R	N/R	N/R
Connector Kits and Miscellaneous Accessories ²					
2198-H040-x-x		Input Wiring Connectors and DC Bus T Connector for Frame 1 and 2 Servo Drives	N/R	N/R	N/R
2198-H070-x-x		Input Wiring Connectors and DC Bus T Connector for Frame 3 Servo Drive.	N/R	N/R	N/R
1585J-M8CBJM-x		Shielded Ethernet Cable	N/R	N/R	N/R
1606-XLxxx		24V DC Power Supply	N/R	N/R	N/R
2198-KITCON-DSL		Replacement Feedback Connector Kit For Kinetix 5500	N/R	N/R	N/R

Catalogue number	Series ³	Description	Directive ⁴		
			EMC	LVD	MD
2198-KITCON-IOSP		Replacement I/O Connector Kit (spring clamp) for IOD Connector	N/R	N/R	N/R
2198-KITCON-IOSC		Replacement I/O Connector Kit (screw terminal) for IOD Connector	N/R	N/R	N/R
2198-KITCON-PWR40		Replacement Connector Set, 40 Amp, for Kinetix 5500 Frame 1 & 2 Drives	N/R	N/R	N/R
2198-KITCON-PWR70		Replacement Connector Set, 70 Amp, for Kinetix 5500 Frame 3 Drives	N/R	N/R	N/R
2198-H2DCK		DSL Feedback Converter Kit	Yes	Yes	N/R
2198-K57CK-D15M		K5700 Auxiliary Universal Feedback Connector Kit	N/R	N/R	N/R
2198-H040-P-T		K5500 FR1,2 Control Power Connector Kit	N/R	N/R	N/R
2198-H070-P-T		K5500 FR3 Control Power Connector Kit	N/R	N/R	N/R
2198-S170-P-T		Kinetix 5700 100mm Control Power Connect	N/R	N/R	N/R
2198-BARCON-100DC100		Kinetix 5700 100 mm Bus Bar Replacement	N/R	N/R	N/R
2198-BARCON-100DC200		Kinetix 5700 DC Bus Link Kit, 100mm	N/R	N/R	N/R
2198-BARCON-55DC200		Kinetix 5700 DC Bus Link Kit, 55mm	N/R	N/R	N/R
2198-BARCON-55DCAC100		CONKIT, K5500, Bus Bar, SM	N/R	N/R	N/R
2198-BARCON-85DC200		Kinetix 5700 DC Bus Link Kit, 85mm	N/R	N/R	N/R
2198-BARCON-85DCAC100		CONKIT, K5500, Bus Bar, LG	N/R	N/R	N/R
2198-KITCON-ENDCAP200		200A Bus Link Connection End Caps	N/R	N/R	N/R
2198-KITCON-CAPMOD2240		K5700 Connector Kit Capacitor Module	N/R	N/R	N/R
2198-KITCON-D032		K5700 Connector Kit Dual Axis 55mm	N/R	N/R	N/R
2198-KITCON-D046		K5700 Connector Kit Dual Axis 85mm	N/R	N/R	N/R
2198-KITCON-P070		Kinetix 5700 Connector Kit DC Bus Supply	N/R	N/R	N/R
2198-KITCON-P208		Kinetix 5700 Connector Kit DC Bus Supply	N/R	N/R	N/R
2198-KITCON-S130		K5700 Connector Kit Single Axis	N/R	N/R	N/R
2198-KITCON-S160		K5700 Connector Kit Single Axis	N/R	N/R	N/R
2198-TCON-24VDCIN36		Connector Kit, Midrange, 24 Vdc Input	N/R	N/R	N/R

- 1) Only the following motor and cable families are compatible with the Kinetix 5500 servo drives.
- 2) The following letters are used in the compatibility matrix to indicate model number description fields that do not affect this DoC: x, y. These fields may be filled with any number(s) or letter(s).
- 3) If no series number is given, then all series are covered.
- 4) Legend as follows:
 No = Product is not certified to this directive.
 Yes = Product is certified to this directive.
 N/R = this directive is not required for this product
- 5) Only the following motor and cable families are compatible with the Kinetix 5700 servo drives.