


EU Declaration of Conformity

Product:	Kinetix 5500/5700 Digital Servo Drives and Accessories	
Name and address of the manufacturer: Rockwell Automation Inc. 1201 South 2nd Street Milwaukee, WI 53204 U.S.A.	Name and address of the authorised representative: 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>		
Object of the declaration:	Allen-Bradley Bulletin 2198/2198T <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>		
2014/35/EU	Low Voltage Directive	(LVD)
2014/30/EU	EMC Directive	(EMC)
2006/42/EC	Machinery Directive	(MD)
2011/65/EU	RoHS Directive	(RoHS)
<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+A1:2016	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 61508:2010, Parts 1-7	Functional safety of electrical/electronic/programmable electronic safety-related systems	
EN 62061:2005+A1:2013+A2:2015	Safety of machinery - Functional safety of safety-related electrical, electronic and programmable electronic control systems	
EN ISO 13849-1:2015	Safety of machinery - Safety-related parts of control systems - Part 1: General principles for design	
EN 50581:2012	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances	
Notified Body:	TÜV Rheinland Industrie Service GmbH Alboinstr. 56, 12103 Berlin / Germany (NB 0035)	
performed:	EC Type Examination	
and issued the certificate(s):	01/205/5255.04/17 (-ERS3 Series A) 01/205/5655.00/18 (-ERS3 Series B) 01/205/5644.00/18 (-ERS4)	
Additional information:		
Person authorised to compile the technical file (MD):	Authorised representative (see details above).	
Product Safety Function (MD):	Safe Torque-Off (-ERS3 Series A) Safe Torque-Off and SS1-T (-ERS3 Series B) STO, SS1 and safe monitoring function (-ERS4)	
Signed for and on behalf of the above named manufacturer:		
Place and date of issue:	Mequon, WI USA	27-June-2018
Name, function:	Craig Winterhalter, Director Engineering	
Signature:		

Catalogue number	Series ¹	Description	Directive ²			
			EMC	LVD	MD	RoHS
Bulletin 2198 Servo Drives						
2198-H003-ERS		Kinetix 5500, Frame 1, 195-528Vrms, 2.5Apk, Hardwired Safety	Yes	Yes	Yes	Yes
2198-H003-ERS2		Kinetix 5500, Frame 1, 195-528Vrms, 2.5Apk, Integrated Safety Over Ethernet/IP	Yes	Yes	Yes	Yes
2198-H008-ERS		Kinetix 5500, Frame 1, 195-528Vrms, 6.25Apk, Hardwired Safety	Yes	Yes	Yes	Yes
2198-H008-ERS2		Kinetix 5500, Frame 1, 195-528Vrms, 6.25Apk, Integrated Safety Over Ethernet/IP	Yes	Yes	Yes	Yes
2198-H015-ERS		Kinetix 5500, Frame 2, 195-528Vrms, 12.5Apk, Hardwired Safety	Yes	Yes	Yes	Yes
2198-H015-ERS2		Kinetix 5500, Frame 2, 195-528Vrms, 12.5Apk, Integrated Safety Over Ethernet/IP	Yes	Yes	Yes	Yes
2198-H025-ERS		Kinetix 5500, Frame 2, 195-528Vrms, 20Apk, Hardwired Safety	Yes	Yes	Yes	Yes
2198-H025-ERS2		Kinetix 5500, Frame 2, 195-528Vrms, 20Apk, Integrated Safety Over Ethernet/IP	Yes	Yes	Yes	Yes
2198-H040-ERS		Kinetix 5500, Frame 2, 195-528Vrms, 32.5Apk, Hardwired Safety	Yes	Yes	Yes	Yes
2198-H040-ERS2		Kinetix 5500, Frame 2, 195-528Vrms, 32.5Apk, Integrated Safety Over Ethernet/IP	Yes	Yes	Yes	Yes
2198-H070-ERS		Kinetix 5500, Frame 3, 195-528Vrms, 57.5Apk, Hardwired Safety	Yes	Yes	Yes	Yes
2198-H070-ERS2		Kinetix 5500, Frame 3, 195-528Vrms, 57.5Apk, Integrated Safety Over Ethernet/IP	Yes	Yes	Yes	Yes
2198-P031		Kinetix 5700, 31.6Apk, DC Bus Supply	Yes	Yes	N/R	Yes
2198-P070		Kinetix 5700, 70.3Apk, DC Bus Supply	Yes	Yes	N/R	Yes
2198-P141		Kinetix 5700, 140.8Apk, DC Bus Supply	Yes	Yes	N/R	Yes
2198-P208		Kinetix 5700, 207.6Apk, DC Bus Supply	Yes	Yes	N/R	Yes
2198-S086-ERS3	A	Kinetix 5700, 86.0Arms Peak, Single Axis Inverter, Integrated Safety	Yes	Yes	Yes	Yes
2198-S130-ERS3	A	Kinetix 5700, 130.0Arms Peak, Single Axis Inverter, Integrated Safety	Yes	Yes	Yes	Yes
2198-S160-ERS3	A	Kinetix 5700, 160.0Arms Peak, Single Axis Inverter, Integrated Safety	Yes	Yes	Yes	Yes
2198-D006-ERS3	A	Kinetix 5700, 6.3Arms Peak, Dual Axis Inverter, Integrated Safety	Yes	Yes	Yes	Yes
2198-D012-ERS3	A	Kinetix 5700, 12.5Arms Peak, Dual Axis Inverter, Integrated Safety	Yes	Yes	Yes	Yes
2198-D020-ERS3	A	Kinetix 5700, 20.0Arms Peak, Dual Axis Inverter, Integrated Safety	Yes	Yes	Yes	Yes
2198-D032-ERS3	A	Kinetix 5700, 32.5Arms Peak, Dual Axis Inverter, Integrated Safety	Yes	Yes	Yes	Yes
2198-D057-ERS3	A	Kinetix 5700, 57.5Arms Peak, Dual Axis Inverter, Integrated Safety	Yes	Yes	Yes	Yes
2198-S086-ERS3	B	Kinetix 5700, 86.0Arms Peak, Single Axis Inverter, Integrated Safety	Yes	Yes	Yes	Yes
2198-S130-ERS3	B	Kinetix 5700, 130.0Arms Peak, Single Axis Inverter, Integrated Safety	Yes	Yes	Yes	Yes
2198-S160-ERS3	B	Kinetix 5700, 160.0Arms Peak, Single Axis Inverter, Integrated Safety	Yes	Yes	Yes	Yes
2198-D006-ERS3	B	Kinetix 5700, 6.3Arms Peak, Dual Axis Inverter, Integrated Safety	Yes	Yes	Yes	Yes
2198-D012-ERS3	B	Kinetix 5700, 12.5Arms Peak, Dual Axis Inverter, Integrated Safety	Yes	Yes	Yes	Yes
2198-D020-ERS3	B	Kinetix 5700, 20.0Arms Peak, Dual Axis Inverter, Integrated Safety	Yes	Yes	Yes	Yes

2198-D032-ERS3	B	Kinetix 5700, 32.5Arms Peak, Dual Axis Inverter, Integrated Safety	Yes	Yes	Yes	Yes
2198-D057-ERS3	B	Kinetix 5700, 57.5Arms Peak, Dual Axis Inverter, Integrated Safety	Yes	Yes	Yes	Yes
2198-S086-ERS4		Kinetix 5700, 86.0Arms Peak, Single Axis Inverter, STO, SSI & safe monitoring function	Yes	Yes	Yes	Yes
2198-S130-ERS4		Kinetix 5700, 130.0Arms Peak, Single Axis Inverter, STO, SSI & safe monitoring function	Yes	Yes	Yes	Yes
2198-S160-ERS4		Kinetix 5700, 160.0Arms Peak, Single Axis Inverter, STO, SSI & safe monitoring function	Yes	Yes	Yes	Yes
2198-D006-ERS4		Kinetix 5700, 6.3Arms Peak, Dual Axis Inverter, STO, SSI & safe monitoring function	Yes	Yes	Yes	Yes
2198-D012-ERS4		Kinetix 5700, 12.5Arms Peak, Dual Axis Inverter, STO, SSI & safe monitoring function	Yes	Yes	Yes	Yes
2198-D020-ERS4		Kinetix 5700, 20.0Arms Peak, Dual Axis Inverter, STO, SSI & safe monitoring function	Yes	Yes	Yes	Yes
2198-D032-ERS4		Kinetix 5700, 32.5Arms Peak, Dual Axis Inverter, STO, SSI & safe monitoring function	Yes	Yes	Yes	Yes
2198-D057-ERS4		Kinetix 5700, 57.5Arms Peak, Dual Axis Inverter, STO, SSI & safe monitoring function	Yes	Yes	Yes	Yes
2198-ABQE		Kinetix, Encoder Output Emulator	Yes	Yes	N/R	Yes
2198-CAPMOD-1300		Kinetix 5500, Capacitor Module	Yes	Yes	N/R	Yes
2198-CAPMOD-2240		Kinetix 5700, Capacitor Module	Yes	Yes	N/R	Yes
2198-CAPMOD-DCBUS-IO		Kinetix 5700, Capacitor Extension Module	Yes	Yes	N/R	Yes
2198-CAPMOD-1300		Kinetix 5500, Capacitor Module	Yes	Yes	N/R	Yes
2198-H2DCK		DSL Feedback Converter Kit	Yes	Yes	N/R	Yes
2198T-W25K-ER		Kinetix 5700, 25A Unisolated iTRAK Power Supply	Yes	Yes	N/R	Yes
2198T-WBCMOD		Kinetix 5700, Bus Conditioning Module	Yes	Yes	N/R	Yes
Shunts						
2097-R6		75 Ohm, 150W, External Shunt Resistor	Yes	Yes	N/R	Yes
2097-R7		150 Ohm, 80 W, External Shunt Resistor	Yes	Yes	N/R	Yes
Shunt Accessories						
2198-R004		Kinetix 5700 Passive External Shunt Resistor 33.0Ω, 400W				
2198-R014		Kinetix 5700 Passive External Shunt Resistor 9.0Ω, 1.4KW				
2198-R031		Kinetix 5700 Passive External Shunt Resistor 33.0Ω, 3.1KW				
2198-R127		Kinetix 5700 Passive External Shunt Resistor 12.5Ω, 12.7KW				
Cable Accessories						
2090-CSWM1DF-YYAALL		Motor power/feedback cable for use with VP family motors, YY = wire gauge, LL = length in meters				
2090-CSBM1DF-YYAALL		Motor power/feedback with brake cable for use with VP family motors, YY = wire gauge, LL = length in meters				
2090-CSWM1DE-YYAALL		Motor power/feedback cable for use with VP family motors, YY = wire gauge, LL = length in meters				
2090-CSBM1DE-YYAALL		Motor power/feedback with brake cable for use with VP family motors, YY = wire gauge, LL = length in meters				
2090-CSWM1DE-YYAALL		Motor power/feedback cable for use with VP family motors, YY = wire gauge, LL = length in meters				

2090-CSBM1DE-YYAFL		Motor power/feedback with brake cable for use with VP family motors, YY = wire gauge, LL = length in meters
2090-CPWM4E2-YYTR		Motor power transition cables for use with MP family motors. YY = gauge. (From Bayonet Style to DIN Style Connectors)
2090-CPBM4E2-YYTR		Motor power with brake transition cables for use with MP motors, YY = wire gauge (From Bayonet Style to DIN Style Connectors)
2090-CFBM4E2-CATR		Motor feedback transition cable for use with MP family motors (From Bayonet Style to DIN Style Connectors)
2090-XXNPMP-YYSL		Power Cable for MP or 1326AB motor using the MP connector system, YY = wire gauge, LL = length in meters
2090-XXNFMP-SLL		Feedback Cable for MP or 1326AB motor using the MP connector system, LL = length in meters
2090-UXNFBMP-SLL		Feedback Cable for MP or 1326AB motor using the MP connector system, LL = length in meters
2090-XXNPMF-YYSL		MPF-motor power cable, non-flex, YY = wire gauge, LL = length in meters
2090-XXNFMF-SLL		MPF-encoder feedback cable, non-flex, LL = length in meters
2090-XXTPMP-YYSL		Continuous Flex Motor power cables for MP family motors, YY = gauge, LL = length in meters
2090-XXTFMP-SLL		Continuous Flex Motor feedback cables for MP family motors, LL = length in meters
2090-CPWM4DF-YYAFL		Continuous Flex Motor power cable for MP or 1326AB motor, YY = wire gauge, LL = length in meters
2090-CFBM4DF-CDAFL		Continuous Flex Motor feedback cable for MP or 1326AB motor, LL = length in meters
2090-CDNFDMP-SLL		Motor Resolver feedback cable, LL = length in meters
2090-CFBM4DF-CEAAL		Motor Resolver feedback cable, LL = length in meters
2090-CFBM4DD-CDAAL		Feedback Cable for MP or 1326AB motor using the MP connector system, LL = length in meters
2090-CFBM7DF-CDAFL		Continuous Flex Motor feedback cable for MP or 1326AB motor, with SPEEDTEC connectors, LL = length in meters
2090-CPWM7DF-YYAFL		Continuous Flex Motor power cable for MP or 1326AB motor, with SPEEDTEC connector, YY = wire gauge, LL = length in meters
2090-CPBM7DF-YYAFL		Continuous Flex Motor power with brake cable for MP or 1326AB motor, with SPEEDTEC connector, YY = wire gauge, LL = length in meters
2090-CFBM7E7-YYAFL		Continuous Flex Motor feedback extension cable for MP or 1326AB motor, with SPEEDTEC connectors, YY = wire gauge, LL = length in meters
2090-CPBM7E7-YYAFL		Continuous Flex Motor power with brake extension cable for MP or 1326AB motor, with SPEEDTEC connectors, YY = wire gauge, LL = length in meters
2090-CPWM7DF-YYAAL		Power Cable for MP, RD or 1326AB motor with SPEEDTEC connector, YY = wire gauge, LL = length in meters
2090-CPBM7DF-YYAAL		Power with Brake Cable for MP, RD or 1326AB motor with SPEEDTEC connector, YY = wire gauge, LL = length in meters
2198T-CHBFLS8-12AAL		iTRAK Hybrid Power Cable, Flying Lead, LL = length in meters
Connector Kits and Miscellaneous Accessories ³		
2198-H040-x-x		Input Wiring Connectors and DC Bus T Connector for Frame 1 and 2 Servo Drives
2198-H070-x-x		Input Wiring Connectors and DC Bus T Connector for Frame 3 Servo Drive
1585J-M8CBJM-x		Shielded Ethernet Cable
2198-KITCON-DSL		Replacement Feedback Connector Kit For Kinetix 5500
2198-KITCON-IOSP		Replacement I/O Connector Kit (spring clamp) for IOD Connector
2198-KITCON-IOSC		Replacement I/O Connector Kit (screw terminal) for IOD Connector
2198-KITCON-PWR40		Replacement Connector Set, 40 Amp, for Kinetix 5500 Frame 1 & 2 Drives
2198-KITCON-PWR70		Replacement Connector Set, 70 Amp, for Kinetix 5500 Frame 3 Drives
2198-K57CK-D15M		K5700 Auxiliary Universal Feedback Connector Kit
2198-H040-P-T		K5500 FR1,2 Control Power Connector Kit
2198-H070-P-T		K5500 FR3 Control Power Connector Kit
2198-S170-P-T		Kinetix 5700 100mm Control Power Connect

2198-BARCON-100DC100		<i>Kinetix 5700 100 mm Bus Bar Replacement</i>
2198-BARCON-100DC200		<i>Kinetix 5700 DC Bus Link Kit, 100mm</i>
2198-BARCON-55DC200		<i>Kinetix 5700 DC Bus Link Kit, 55mm</i>
2198-BARCON-55DCAC100		<i>CONKIT, K5500, Bus Bar, SM</i>
2198-BARCON-85DC200		<i>Kinetix 5700 DC Bus Link Kit, 85mm</i>
2198-BARCON-85DCAC100		<i>CONKIT, K5500, Bus Bar, LG</i>
2198-KITCON-ENDCAP200		<i>200A Bus Link Connection End Caps</i>
2198-KITCON-CAPMOD2240		<i>K5700 Connector Kit Capacitor Module</i>
2198-KITCON-D032		<i>K5700 Connector Kit Dual Axis 55mm</i>
2198-KITCON-D046		<i>K5700 Connector Kit Dual Axis 85mm</i>
2198-KITCON-P070		<i>Kinetix 5700 Connector Kit DC Bus Supply</i>
2198-KITCON-P208		<i>Kinetix 5700 Connector Kit DC Bus Supply</i>
2198-KITCON-S130		<i>K5700 Connector Kit Single Axis</i>
2198-KITCON-S160		<i>K5700 Connector Kit Single Axis</i>
2198-TCON-24VDCIN36		<i>Connector Kit, Midrange, 24 Vdc Input</i>
2198T-W25K-P-IN		<i>iTRAK Power Supply Cntl Pwr Input Tee</i>
2198T-W25K-KITCON		<i>iTRAK Power Supply Conn Replace Kit</i>
2198T-W25K-P-T		<i>iTRAK Power Supply Cntl Pwr Bus Bars</i>

- 1) *If no series number is given, then all series are covered*
- 2) *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*
- 3) *The letter "x" is used to indicate model number description fields that do not affect this DoC. These fields may be filled with any number(s) or letter(s).*