

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 NV Pegasus Park De Kleetlaan 12A 1831 Diegem Belgium	
<i>This declaration of conformity is issued under the sole responsibility of the manufacturer.</i>		
Object of the declaration:	Allen-Bradley Bulletin 2198/2198T (reference the attached list of catalogue numbers)	
<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)
Reg 2019/1781 (2009/125/EC)	Ecodesign Directive	(Eco)
<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+A1:2017+A11:2021	Adjustable speed electrical power drive systems – Part 5-1: Safety requirements – Electrical, thermal and energy. (LVD)	
EN 61800-5-2:2007	Adjustable speed electrical power drive systems – Part 5-2: Safety requirements – Functional (MD)	
EN 61800-3:2004+A1:2012	Adjustable speed electrical power drive systems – Part 3: EMC requirements and specific test methods (EMC)	
EN 60204-1:2018	Safety of machinery – Electrical equipment of machines – Part 1: General requirements (MD)	
IEC 61508:2010, Parts 1-7	Functional safety of electrical/electronic/programmable electronic safety-related systems (MD)	
EN 62061:2005+A1:2013+A2:2015	Safety of machinery – Functional safety of safety-related electrical, electronic and programmable electronic control systems (MD)	
EN ISO 13849-1:2015	Safety of machinery – Safety-related parts of control systems – Part 1: General principles for design (MD)	
EN IEC 63000:2018	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances (RoHS)	
Notified Body:	TÜV Rheinland Industrie Service GmbH, BA Automation - Functional Safety (A-FS), Am Grauen Stein, 51105 Köln, Germany (NB 0035)	
performed:	EC Type Examination (MD)	
and issued the certificate(s):	01/205/5255.06/22 (Kinetix 5500), 01/205/5655.01/18 (Kinetix 5700 -ERS3) 01/205/5644.01/18 (Kinetix 5700 -ERS4) 01/205/5819.00/21 (MMI-HT-C2198-D032)	
Additional information:		
Person authorised to compile the technical file (MD):	Authorised representative (see details above).	
Product Safety Function (MD):	Safe Torque-Off (Kinetix 5500 and MMI-HT-C2198-D032), Safe Torque-Off, SS1-t (-ERS3), Safe Torque-Off, SS1-t, SS1-r (-ERS4)	
Signed for and on behalf of the above named manufacturer:		
Place and date of issue:	Mequon, WI USA	12-October-2022
Name, function:	Craig Winterhalter, Director Engineering	
Signature:		

Catalogue number	Series ¹	Description	Directive ²				
			EMC	LVD	MD	RoHS	Eco
Bulletin 2198 Servo Drives							
2198-H003-ERS		Kinetix 5500, Frame 1, 195-528Vrms, 2.5Apk, Hardwired Safety	Yes	Yes	Yes	Yes	Yes
2198-H003-ERS2		Kinetix 5500, Frame 1, 195-528Vrms, 2.5Apk, Integrated Safety Over Ethernet/IP	Yes	Yes	Yes	Yes	Yes
2198-H008-ERS		Kinetix 5500, Frame 1, 195-528Vrms, 6.25Apk, Hardwired Safety	Yes	Yes	Yes	Yes	Yes
2198-H008-ERS2		Kinetix 5500, Frame 1, 195-528Vrms, 6.25Apk, Integrated Safety Over Ethernet/IP	Yes	Yes	Yes	Yes	Yes
2198-H015-ERS		Kinetix 5500, Frame 2, 195-528Vrms, 12.5Apk, Hardwired Safety	Yes	Yes	Yes	Yes	Yes
2198-H015-ERS2		Kinetix 5500, Frame 2, 195-528Vrms, 12.5Apk, Integrated Safety Over Ethernet/IP	Yes	Yes	Yes	Yes	Yes
2198-H025-ERS		Kinetix 5500, Frame 2, 195-528Vrms, 20Apk, Hardwired Safety	Yes	Yes	Yes	Yes	Yes
2198-H025-ERS2		Kinetix 5500, Frame 2, 195-528Vrms, 20Apk, Integrated Safety Over Ethernet/IP	Yes	Yes	Yes	Yes	Yes
2198-H040-ERS		Kinetix 5500, Frame 2, 195-528Vrms, 32.5Apk, Hardwired Safety	Yes	Yes	Yes	Yes	Yes
2198-H040-ERS2		Kinetix 5500, Frame 2, 195-528Vrms,32.5Apk, Integrated Safety Over Ethernet/IP	Yes	Yes	Yes	Yes	Yes
2198-H070-ERS		Kinetix 5500, Frame 3, 195-528Vrms, 57.5Apk, Hardwired Safety	Yes	Yes	Yes	Yes	Yes
2198-H070-ERS2		Kinetix 5500, Frame 3, 195-528Vrms, 57.5Apk, Integrated Safety Over Ethernet/IP	Yes	Yes	Yes	Yes	Yes
9102-SRE003HX		Kinetix 5500, Frame 1, 195-528Vrms, 2.5Apk, Hardwired Safety	Yes	Yes	Yes	Yes	Yes
9102-SRE008HX		Kinetix 5500, Frame 1, 195-528Vrms, 6.25Apk, Hardwired Safety	Yes	Yes	Yes	Yes	Yes
9102-SRE015HX		Kinetix 5500, Frame 2, 195-528Vrms, 12.5Apk, Hardwired Safety	Yes	Yes	Yes	Yes	Yes
9102-SRE025HX		Kinetix 5500, Frame 2, 195-528Vrms, 20Apk, Hardwired Safety	Yes	Yes	Yes	Yes	Yes
9102-SRE040HX		Kinetix 5500, Frame 2, 195-528Vrms, 32.5Apk, Hardwired Safety	Yes	Yes	Yes	Yes	Yes
9102-SRE070HX		Kinetix 5500, Frame 3, 195-528Vrms, 57.5Apk, Hardwired Safety	Yes	Yes	Yes	Yes	Yes
2198-P031		Kinetix 5700, 31.6Apk, DC Bus Supply	Yes	Yes	N/R	Yes	N/R
2198-P070		Kinetix 5700, 70.3Apk, DC Bus Supply	Yes	Yes	N/R	Yes	N/R
2198-P141		Kinetix 5700, 140.8Apk, DC Bus Supply	Yes	Yes	N/R	Yes	N/R
2198-P208		Kinetix 5700, 207.6Apk, DC Bus Supply	Yes	Yes	N/R	Yes	N/R
2198-S086-ERS3		Kinetix 5700, 86.0Arms Peak, Single Axis Inverter, Integrated Safety	Yes	Yes	Yes	Yes	Yes
2198-S130-ERS3		Kinetix 5700, 130.0Arms Peak, Single Axis Inverter, Integrated Safety	Yes	Yes	Yes	Yes	Yes
2198-S160-ERS3		Kinetix 5700, 160.0Arms Peak, Single Axis Inverter, Integrated Safety	Yes	Yes	Yes	Yes	Yes
2198-D006-ERS3		Kinetix 5700, 6.3Arms Peak, Dual Axis Inverter, Integrated Safety	Yes	Yes	Yes	Yes	N/R
2198-D012-ERS3		Kinetix 5700, 12.5Arms Peak, Dual Axis Inverter, Integrated Safety	Yes	Yes	Yes	Yes	N/R
2198-D020-ERS3		Kinetix 5700, 20.0Arms Peak, Dual Axis Inverter, Integrated Safety	Yes	Yes	Yes	Yes	N/R
2198-D032-ERS3		Kinetix 5700, 32.5Arms Peak, Dual Axis Inverter, Integrated Safety	Yes	Yes	Yes	Yes	N/R
2198-D057-ERS3		Kinetix 5700, 57.5Arms Peak, Dual Axis Inverter, Integrated Safety	Yes	Yes	Yes	Yes	N/R

Catalogue number	Series ¹	Description	Directive ²				
			EMC	LVD	MD	RoHS	Eco
MMI-HT-C2198-D032		Motor Controller Assy QSHT MC Ethernet, 2x32.5 Arms Peak	Yes	Yes	Yes	Yes	N/R
2198-S086-ERS4		Kinetix 5700, 86.0Arms Peak, Single Axis Inverter, STO, SS1 & safe monitoring function	Yes	Yes	Yes	Yes	Yes
2198-S130-ERS4		Kinetix 5700, 130.0Arms Peak, Single Axis Inverter, STO, SS1 & safe monitoring function	Yes	Yes	Yes	Yes	Yes
2198-S160-ERS4		Kinetix 5700, 160.0Arms Peak, Single Axis Inverter, STO, SS1 & safe monitoring function	Yes	Yes	Yes	Yes	Yes
2198-D006-ERS4		Kinetix 5700, 6.3Arms Peak, Dual Axis Inverter, STO, SS1 & safe monitoring function	Yes	Yes	Yes	Yes	N/R
2198-D012-ERS4		Kinetix 5700, 12.5Arms Peak, Dual Axis Inverter, STO, SS1 & safe monitoring function	Yes	Yes	Yes	Yes	N/R
2198-D020-ERS4		Kinetix 5700, 20.0Arms Peak, Dual Axis Inverter, STO, SS1 & safe monitoring function	Yes	Yes	Yes	Yes	N/R
2198-D032-ERS4		Kinetix 5700, 32.5Arms Peak, Dual Axis Inverter, STO, SS1 & safe monitoring function	Yes	Yes	Yes	Yes	N/R
2198-D057-ERS4		Kinetix 5700, 57.5Arms Peak, Dual Axis Inverter, STO, SS1 & safe monitoring function	Yes	Yes	Yes	Yes	N/R
2198-RP088		Kinetix 5700, 88A Peak, Regen Bus Supply	Yes	Yes	N/R	Yes	N/R
2198-RP200		Kinetix 5700, 200A Peak, Regen Bus Supply	Yes	Yes	N/R	Yes	N/R
2198-RP263		Kinetix 5700, 263A Peak, Regen Bus Supply	Yes	Yes	N/R	Yes	N/R
2198-RP312		Kinetix 5700, 312A Peak, Regen Bus Supply	Yes	Yes	N/R	Yes	N/R
2198-S263-ERS3		Kinetix 5700, 263Arms Peak, Single Axis Inverter, Integrated Safety	Yes	Yes	Yes	Yes	Yes
2198-S263-ERS4		Kinetix 5700, 263Arms Peak, Single Axis Inverter, STO, SS1 & safe monitoring function	Yes	Yes	Yes	Yes	Yes
2198-S312-ERS3		Kinetix 5700, 312Arms Peak, Single Axis Inverter, Integrated Safety	Yes	Yes	Yes	Yes	Yes
2198-S312-ERS4		Kinetix 5700, 312Arms Peak, Single Axis Inverter, STO, SS1 & safe monitoring function	Yes	Yes	Yes	Yes	Yes
2198-ABQE		Kinetix, Encoder Output Emulator	Yes	Yes	N/R	Yes	N/R
2198-CAPMOD-1300		Kinetix 5500, Capacitor Module	Yes	Yes	N/R	Yes	N/R
9102-0013DOMPAC		Kinetix 5500, Capacitor Module, 1360 μ F	Yes	Yes	N/R	Yes	N/R
2198-CAPMOD-2240		Kinetix 5700, Capacitor Module	Yes	Yes	N/R	Yes	N/R
2198-CAPMOD-DCBUS-IO		Kinetix 5700, Capacitor Extension Module	Yes	Yes	N/R	Yes	N/R
2198-DCBUSCOND-RP312		Kinetix 5700 DC Bus Conditioner Module	Yes	Yes	N/R	Yes	N/R
2198-CAPMOD-1300		Kinetix 5500, Capacitor Module	Yes	Yes	N/R	Yes	N/R
2198-H2DCK		DSL Feedback Converter Kit	Yes	Yes	N/R	Yes	N/R
2198T-W25K-ER		Kinetix 5700, 25A Unisolated iTRAK Power Supply	Yes	Yes	N/R	Yes	N/R
2198T-WBCMOD		Kinetix 5700, Bus Conditioning Module	Yes	Yes	N/R	Yes	N/R
Shunts							
2097-R6		75 Ohm, 150W, External Shunt Resistor	N/R	N/R	N/R	Yes	N/R
2097-R7		150 Ohm, 80 W, External Shunt Resistor	N/R	N/R	N/R	Yes	N/R

Catalogue number	Series ¹	Description	Directive ²				
			EMC	LVD	MD	RoHS	Eco
Shunt Accessories							
2198-R004		Kinetix 5700 Passive External Shunt Resistor 33.0Ω, 400W	N/R	N/R	N/R	Yes	N/R
2198-R014		Kinetix 5700 Passive External Shunt Resistor 9.0Ω, 1.4KW	N/R	N/R	N/R	Yes	N/R
2198-R031		Kinetix 5700 Passive External Shunt Resistor 33.0Ω, 3.1KW	N/R	N/R	N/R	Yes	N/R
2198-R127		Kinetix 5700 Passive External Shunt Resistor 12.5Ω, 12.7KW	N/R	N/R	N/R	Yes	N/R
Cable Accessories							
2090-XXxPMx-xxxxx		Power Cable for MP or 1326AB motor using the MP connector system. Specific catalog listing based on type, gauge and length.	N/R	N/R	N/R	Yes	N/R
2090-XXxFMx-xxx		Feedback Cable for MP or 1326AB motor using the MP connector system. Specific catalog listing based on type, gauge and length.	N/R	N/R	N/R	Yes	N/R
2090-xxxPxMx-xxxxx		Power Cables for MP family motors or 1326AB motor using the MP connector system.	N/R	N/R	N/R	Yes	N/R
2090-xxxFxMx-Sxx		Feedback Cables for MP family motors or 1326AB motor using the MP connector system.	N/R	N/R	N/R	Yes	N/R
2090-CxxMxxx-xxxxxx		Motor power/feedback cables for VP family, MP family, or 1326 AB motor. Specific catalog listing based on type, gauge and length.	N/R	N/R	N/R	Yes	N/R
2090-CFBM4E2-CATR		Motor feedback transition cable for use with MP family motors (From Bayonet Style to DIN Style Connectors)	N/R	N/R	N/R	Yes	N/R
2090-CSBM1DG-10AF-X273		Kinetix Cable Single DSL 2090-Series	N/R	N/R	N/R	Yes	N/R
2090-CSBM1DG-14AF-X274		Kinetix Cable Single DSL 2090-Series	N/R	N/R	N/R	Yes	N/R
2198T-CHBFLS8-12AAxx		iTRAK Hybrid Power Cable, Flying Lead.	N/R	N/R	N/R	Yes	N/R
2090-CTxx-xxxx-xxxxx		Motor Power/Feedback/Brake Cables for TLP family motors. Specific catalog listing based on type, gauge, and length.	N/R	N/R	N/R	Yes	N/R
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	N/R	N/R	N/R	Yes	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	Yes	N/R
1585J-M8CBJM-x		Shielded Ethernet Cable	N/R	N/R	N/R	Yes	N/R
2198-KITCON-DSL		Replacement Feedback Connector Kit For Kinetix 5500	N/R	N/R	N/R	Yes	N/R
2198-KITCON-IOSP		Replacement I/O Connector Kit (spring clamp) for IOD Connector	N/R	N/R	N/R	Yes	N/R
2198-KITCON-IOSC		Replacement I/O Connector Kit (screw terminal) for IOD Connector	N/R	N/R	N/R	Yes	N/R
2198-KITCON-PWR40		Replacement Connector Set, 40 Amp, for Kinetix 5500 Frame 1 & 2 Drives	N/R	N/R	N/R	Yes	N/R
2198-KITCON-PWR70		Replacement Connector Set, 70 Amp, for Kinetix 5500 Frame 3 Drives	N/R	N/R	N/R	Yes	N/R
2198-BE-KITCON		iTRAK Spare Screws	N/R	N/R	N/R	Yes	N/R
2198-K57CK-D15M		K5700 Auxiliary Universal Feedback Connector Kit	N/R	N/R	N/R	Yes	N/R

Catalogue number	Series ¹	Description	Directive ²				
			EMC	LVD	MD	RoHS	Eco
2198-H040-P-T		K5500 FR1,2 Control Power Connector Kit	N/R	N/R	N/R	Yes	N/R
2198-H070-P-T		K5500 FR3 Control Power Connector Kit	N/R	N/R	N/R	Yes	N/R
2198-S170-P-T		Kinetix 5700 100mm Control Power Connect	N/R	N/R	N/R	Yes	N/R
2198-S312-P-T		Kinetix 5700 220mm Control Connector Kit	N/R	N/R	N/R	Yes	N/R
2198-BARCON-100DC100		Kinetix 5700 100 mm Bus Bar Replacement	N/R	N/R	N/R	Yes	N/R
2198-BARCON-100DC200		Kinetix 5700 DC Bus Link Kit, 100mm	N/R	N/R	N/R	Yes	N/R
2198-BARCON-55DC200		Kinetix 5700 DC Bus Link Kit, 55mm	N/R	N/R	N/R	Yes	N/R
2198-BARCON-55DCAC100		CONKIT, K5500, Bus Bar, SM	N/R	N/R	N/R	Yes	N/R
2198-BARCON-85DC200		Kinetix 5700 DC Bus Link Kit, 85mm	N/R	N/R	N/R	Yes	N/R
2198-BARCON-85DCAC100		CONKIT, K5500, Bus Bar, LG	N/R	N/R	N/R	Yes	N/R
2198-BARCON-165DC200		Kinetix 5700 165mm DC Bus Bar	N/R	N/R	N/R	Yes	N/R
2198-BARCON-220DC200		Kinetix 5700 220mm DC Bus Bar	N/R	N/R	N/R	Yes	N/R
2198-BARCON-275DC200		Kinetix 5700 275mm DC Bus Bar	N/R	N/R	N/R	Yes	N/R
2198-BARCON-440DC200		Kinetix 5700 440mm DC Bus Bar	N/R	N/R	N/R	Yes	N/R
2198-KITCON-ENDCAP200		200A Bus Link Connection End Caps	N/R	N/R	N/R	Yes	N/R
2198-KITCON-CAPMOD2240		K5700 Connector Kit Capacitor Module	N/R	N/R	N/R	Yes	N/R
2198-KITCON-D032		K5700 Connector Kit Dual Axis 55mm	N/R	N/R	N/R	Yes	N/R
2198-KITCON-D046		K5700 Connector Kit Dual Axis 85mm	N/R	N/R	N/R	Yes	N/R
2198-KITCON-P070		Kinetix 5700 Connector Kit DC Bus Supply	N/R	N/R	N/R	Yes	N/R
2198-KITCON-P208		Kinetix 5700 Connector Kit DC Bus Supply	N/R	N/R	N/R	Yes	N/R
2198-KITCON-S130		Kinetix 5700 Connector Kit Single Axis	N/R	N/R	N/R	Yes	N/R
2198-KITCON-S160		Kinetix 5700 Connector Kit Single Axis	N/R	N/R	N/R	Yes	N/R
2198-KITCON-RP088		Kinetix 5700 Connector Kit AFE 165mm	N/R	N/R	N/R	Yes	N/R
2198-KITCON-RP200		Kinetix 5700 Connector Kit AFE 275mm	N/R	N/R	N/R	Yes	N/R
2198-KITCON-RP312		Kinetix 5700 Connector Kit AFE 440mm	N/R	N/R	N/R	Yes	N/R
2198-KITCON-DCBUSCOND		Kinetix 5700 Connector Kit DC Bus Cond	N/R	N/R	N/R	Yes	N/R
2198-KITCON-S312-L		Kinetix 5700 Connector Kit Single Axis 220mm	N/R	N/R	N/R	Yes	N/R
2198-TCON-24VDCIN36		Connector Kit, Midrange, 24 Vdc Input	N/R	N/R	N/R	Yes	N/R
2198T-W25K-P-IN		iTRAK Power Supply Cntl Pwr Input Tee	N/R	N/R	N/R	Yes	N/R
2198T-W25K-KITCON		iTRAK Power Supply Conn Replace Kit	N/R	N/R	N/R	Yes	N/R
2198T-W25K-P-T		iTRAK Power Supply Cntl Pwr Bus Bars	N/R	N/R	N/R	Yes	N/R
2198-SK1-FAN060		Kinetix 5700 60mm Fan Assembly	N/R	N/R	N/R	Yes	N/R
2198-SK1-FAN092		Kinetix 5700 92mm Fan Assembly	N/R	N/R	N/R	Yes	N/R

- 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).