

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 IEC 62061:2021	Safety of machinery - Functional safety of safety-related 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	24-October-2023
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).