

EU Declaration of Conformity

Product:	Kinetix 6000/6200/6500 Digital Servo Drives and Accessories	
Name and address of the manufacturer:	Name and address of the authorised representative:	
Rockwell Automation Inc.	Rockwell Automation NV	
1201 South 2nd Street	Pegasus Park	
Milwaukee, WI 53204	De Kleetlaan 12A	
U.S.A.	1831 Diegem	
	Belgium	

This declaration of conformity is issued under the sole responsibility of the manufacturer.

Object of the declaration: **Allen-Bradley Bulletin 2094**
(reference the attached list of catalogue numbers)

The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:

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)

References to the relevant harmonised standards used or references to the other technical specifications in relation to which conformity is declared:


EN 61800-5-1:2007 + A1:2017 + A11:2021 ¹	Adjustable speed electrical power drive system - Part 5-1: Safety requirements - Electrical, thermal and energy.
EN 61800-5-2:2007 ²	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 60204-1:2018	Safety of machinery - Electrical equipment of machines - Part 1: General requirements
EN 61508:2010 Parts 1-7 ²	Functional safety of electrical/electronic/programmable electronic safety-related systems
EN ISO 13849-1:2015 ²	Safety of machinery - Safety-related parts of control systems - Part 1: General principles for design
EN 62061:2005+A1:2013+A2:2015	Safety of machinery - Functional safety of safety-related electrical, electronic and programmable electronic control systems
EN IEC 63000:2018	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

Notified Body:	TÜV Rheinland, Am Grauen Stein, 51105 Köln, 0035
performed:	EC Type Examination
and issued the certificate(s):	01/205/5287.02/23 (Kinetix 6000-S) 01/205/0709.02/19 (Kinetix 6200/6500 S0) 01/205/0639.02/19 (Kinetix 6200/6500 S1)

Additional information:

Person authorised to compile the technical file (MD):	Authorised representative (see details above).
Product Safety Function (MD):	Safe Standstill (Kinetix 6000-S products) Safe Torque-Off (Kinetix 6200/6500-S0 products) Safe Speed Monitor Option (Kinetix 6200/6500-S1 products)

Signed for and on behalf of the above named manufacturer:

Place and date of issue:	Mequon, WI USA 26-May-2023
Name, function:	Craig Winterhalter, Director Engineering
Signature:	

1) These products are also in compliance with IEC 61800-5-1:2016
2) These products are also in compliance with IEC 61800-5-2:2016

Catalogue number	Series ³	Description	Directive ⁴			
			EMC	LVD	MD	RoHS
Bulletin 2094 Servo Drives ^{5, 6, 7}						
2094-BC01-MP5		460 Volt Integrated Axis Module 6 kW Inverter 2.8 Amp	Yes	Yes	Yes	Yes
2094-BC01-M01		460 Volt Integrated Axis Module 6 kW Inverter 6.1 Amp	Yes	Yes	Yes	Yes
2094-BC02-M02		460 Volt Integrated Axis Module 15 kW Inverter 10.3 Amp	Yes	Yes	Yes	Yes
2094-BC04-M03		460 Volt Integrated Axis Module 28 kW Inverter 21.2 Amp	Yes	Yes	Yes	Yes
2094-BC07-M05		460 Volt Integrated Axis Module 45 kW Inverter 34.6 Amp	Yes	Yes	Yes	Yes
2094-AC05-MP5		230 Volt Integrated Axis Module 3 kW Inverter 3.7 Amp	Yes	Yes	Yes	Yes
2094-AC05-M01		230 Volt Integrated Axis Module 3 kW Inverter 6.0 Amp	Yes	Yes	Yes	Yes
2094-AC09-M02		230 Volt Integrated Axis Module 6 kW Inverter 10.6 Amp	Yes	Yes	Yes	Yes
2094-AC16-M03		230 Volt Integrated Axis Module 11 kW Inverter 17.3Amp	Yes	Yes	Yes	Yes
2094-AC32-M05		230 Volt Integrated Axis Module 23 kW Inverter 34.6 Amp	Yes	Yes	Yes	Yes
2094-BMP5		460 Volt Axis Module 2.8 Amp	Yes	Yes	Yes	Yes
2094-BM01		460 Volt Axis Module 6.1 Amp	Yes	Yes	Yes	Yes
2094-BM02		460 Volt Axis Module 10.3 Amp	Yes	Yes	Yes	Yes
2094-BM03		460 Volt Axis Module 21.2 Amp	Yes	Yes	Yes	Yes
2094-BM05		460 Volt Axis Module 34.6 Amp	Yes	Yes	Yes	Yes
2094-AMP5		230 Volt Axis Module 3.7 Amp	Yes	Yes	Yes	Yes
2094-AM01		230 Volt Axis Module 6.0 Amp	Yes	Yes	Yes	Yes
2094-AM02		230 Volt Axis Module 10.6 Amp	Yes	Yes	Yes	Yes
2094-AM03		230 Volt Axis Module 17.3Amp	Yes	Yes	Yes	Yes
2094-AM05		230 Volt Axis Module 34.6 Amp	Yes	Yes	Yes	Yes
2094-SE02F-M00-S0		Kinetix 6200, CM, SERCOS, safe torque-off	Yes	Yes	Yes	Yes
2094-SE02F-M00-S1		Kinetix 6200, CM, SERCOS, safe speed monitoring	Yes	Yes	Yes	Yes
2094-EN02D-M01-S0		Kinetix 6500, CM, CIP, safe torque-off	Yes	Yes	Yes	Yes
2094-EN02D-M01-S1		Kinetix 6500, CM, CIP, safe speed monitoring	Yes	Yes	Yes	Yes
2094-PRF		Power Rail Slot Filler	Yes	Yes	N/R	Yes
2094-PR1		1 Axis Power Rail	Yes	Yes	N/R	Yes
2094-PR2		2 Axis Power Rail	Yes	Yes	N/R	Yes
2094-PR4		4 Axis Power Rail	Yes	Yes	N/R	Yes
2094-PR6		6 Axis Power Rail	Yes	Yes	N/R	Yes
2094-PR8		8 Axis Power Rail	Yes	Yes	N/R	Yes
2094-PRS1		1 Axis Slim Power Rail	Yes	Yes	N/R	Yes
2094-PRS2		2 Axis Slim Power Rail	Yes	Yes	N/R	Yes
2094-PRS3		3 Axis Slim Power Rail	Yes	Yes	N/R	Yes
2094-PRS4		4 Axis Slim Power Rail	Yes	Yes	N/R	Yes
2094-PRS5		5 Axis Slim Power Rail	Yes	Yes	N/R	Yes
2094-PRS6		6 Axis Slim Power Rail	Yes	Yes	N/R	Yes
2094-PRS7		7 Axis Slim Power Rail	Yes	Yes	N/R	Yes
2094-PRS8		8 Axis Slim Power Rail	Yes	Yes	N/R	Yes
2094-AL09		230 Volt Line Interface Module	Yes	Yes	N/R	Yes
2094-AL15S		230 Volt 15 Ampere Line Interface Module	Yes	Yes	N/R	Yes

2094-AL25S		230 Volt 25 Ampere Line Interface Module	Yes	Yes	N/R	Yes
2094-AL50S		230 Volt 50 Ampere Line Interface Module	Yes	Yes	N/R	Yes
2094-AL75S		230 Volt 75 Ampere Line Interface Module	Yes	Yes	N/R	Yes
2094-BL02		460 Volt Line Interface Module	Yes	Yes	N/R	Yes
2094-BL10S		460 Volt 10 Ampere Line Interface Module	Yes	Yes	N/R	Yes
2094-BL25S		460 Volt 25 Ampere Line Interface Module	Yes	Yes	N/R	Yes
2094-BL50S		460 Volt 50 Ampere Line Interface Module	Yes	Yes	N/R	Yes
2094-BL75S		460 Volt 75 Ampere Line Interface Module	Yes	Yes	N/R	Yes
2094-XL75S-C1		230/460 75 Ampere Line Interface Module 110 Volt Aux	Yes	Yes	N/R	Yes
2094-XL75S-C2		230/460 75 Ampere Line Interface Module 230 Volt Aux	Yes	Yes	N/R	Yes
2094-BSP2		230/460 Volt Shunt Module	Yes	Yes	N/R	Yes
2090-SR120-09		External Shunt Resistor Assembly	Yes	Yes	N/R	Yes
2090-SR040-09		External Shunt Resistor Assembly	Yes	Yes	N/R	Yes
2090-SR040-18		External Shunt Resistor Assembly	Yes	Yes	N/R	Yes
2090-SR025-09		External Shunt Resistor Assembly	Yes	Yes	N/R	Yes
2090-SR025-18		External Shunt Resistor Assembly	Yes	Yes	N/R	Yes
2090-SR020-36		External Shunt Resistor Assembly	Yes	Yes	N/R	Yes
1394-SR9A		External Shunt Resistor Assembly	Yes	Yes	N/R	Yes
1394-SR9AF		External Shunt Resistor Assembly	Yes	Yes	N/R	Yes
1394-SR36A		External Shunt Resistor Assembly	Yes	Yes	N/R	Yes
1394-SR36AF		External Shunt Resistor Assembly	Yes	Yes	N/R	Yes
2090-XB120-01		120 A, 1 Ohm, Resistive Brake Module	Yes	Yes	N/R	Yes
2090-XB120-03		120 A, 3 Ohm, Resistive Brake Module	Yes	Yes	N/R	Yes
2090-XB120-06		120 A, 6 Ohm, Resistive Brake Module	Yes	Yes	N/R	Yes
2090-XB33-16		33 A, 16 Ohm, Resistive Brake Module	Yes	Yes	N/R	Yes
2090-XB33-32		33 A, 32 Ohm, Resistive Brake Module	Yes	Yes	N/R	Yes
2090-K6CK-KENDAT		Heidenhain EnDAT Module	Yes	Yes	N/R	Yes
Cable Accessories ⁸						
2090-XXNPMP-YYSSL		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-YYSSL		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-YYSSL		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-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-CPWM4DF-YYAFL		Continuous Flex Motor power cable for MP or 1326AB motor, YY = wire gauge, LL = length in meters				

2090-CPBM4DF-YYAFL		Continuous Flex Motor power with brake cable for MP or 1326AB motor, with SPEEDTEC connector, 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-CPWM6DF-YYAALL		Power Cable for TL motor, YY = wire gauge, LL = length in meters
2090-CPBM6DF-YYAALL		Power / Brake Cable for TL motor system, YY = wire gauge, LL = length in meters
2090-CFBM6DF-CBAALL		Feedback Cable for TL motor LL = length in meters
2090-CFBM6DD-CCAALL		Feedback Cable for TL motor LL = length in meters
2090-CDNFDMP-SLL		Motor Resolver feedback cable, LL = length in meters
2090-CFBM4DF-CEAALL		Motor Resolver feedback cable, 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-CDAFL		Continuous Flex Motor feedback extension cable for MP or 1326AB motor, with SPEEDTEC connectors, 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-YYAALL		Power Cable for MP, RD or 1326AB motor with SPEEDTEC connector, YY = wire gauge, LL = length in meters
2090-CPBM7DF-YYAALL		Power with Brake Cable for MP, RD or 1326AB motor with SPEEDTEC connector, YY = wire gauge, LL = length in meters
2090-CFBM7DF-CEAALL		Feedback Cable for MP motor using the MP connector system, LL = length in meters
2090-CFBM7DD-CEAALL		Feedback Cable with D-sub connector for MP motor using the MP connector system, LL = length in meters
2090-CFBM7DF-CEAFL		Continuous Flex Motor feedback cable, LL = length in meter
2090-CFBM7DD-CEAFL		Continuous Flex Motor feedback cable with D-sub connector, LL = length in meter
2090-CFBM7E7-CEAFL		Continuous Flex Motor extension feedback cable, LL = length in meter
2090-XXNPY-YYSSL		Power Cable for Y motor, YY = wire gauge, LL = length in meters
2090-UXNFBY-SLL		Y-encoder feedback cable, non-flex, LL = length in meters
2090-XXNFBY-SLL		Y-encoder feedback cable, non-flex, LL = length in meters
2090-XXNFY-SLL		Feedback Cable for Y motor, LL = length in meters
2090-zzNPH-aaSxx		Power Cable for H motor
2090-XXNFHF-SLL		Feedback Cable for H or F motor, LL = length in meters
2090-UXNFBHF-SLL		F&H-encoder feedback cable, non-flex, LL = length in meters
2090-XXNPHF-YYSSL		Power Cable for H or F motor, YY = wire gauge, LL = length
2090-XXNPT-YYSSL		TL-motor power cable, non-flex, YY = wire gauge, LL = length
2090-XXNFT-SLL		TL-encoder feedback cable, non-flex, LL = length in meters
2090-UXNBMP-18SLL		MP motor brake cable, non-flex, LL = length in meters
2090-UXTBMP-18SLL		MP motor brake cable, flex, LL = length in meters
2090-DANBT-18SLL		TL motor brake cable, non-flex, LL = length in meters
Connector Kits and Miscellaneous Accessories ⁸		
2090-SCEPL-L		SERCOS plastic cables for use in enclosure, L-L = length
2090-SCVPL-L		SERCOS plastic cables for use outside enclosure, L-L = length
2090-SCNPL-L		SERCOS glass cables for use inside enclosure, L-L = length
2090-SCVGL-L		SERCOS glass cables for use outside enclosure, L-L = length
2090-S-BLHD		SERCOS bulkhead adapter
1202-C02		Drive-to-drive safety cable for single-wide modules
1202-C03		Drive-to-drive safety cable for double-wide modules
1202-C10		Drive-to-drive safety cable for two power rails
2090-XNSS-MA		Safe-Off motion allowed jumper

2090-XNSS-WP		<i>Safe-Off wiring plug header for single axis drive</i>
2090-XNSM-W		<i>Safe-Off wiring header for first drive in multi-axis drives</i>
2090-XNSM-M		<i>Safe-Off middle header for multi-axis drives</i>
2090-XNSM-T		<i>Safe-Off terminating header for multi-axis drives</i>
2090-XXNRB-YYFOPL		<i>Resistive Brake Module (RBM) to drive interface cable, YY = wire gauge, L = length</i>
2090-K6CK-D26M		<i>Low-Profile Connector Kit, 26-pin high density D-shell</i>
2090-K6CK-D15M		<i>Low-Profile Connector Kit, 15-pin male high density D-shell</i>
2090-K6CK-D15MF		<i>Low-Profile Connector Kit, 15-pin male high density D-shell with filter</i>
2090-K6CK-D15F		<i>Low-Profile Connector Kit, 15-pin female high density D-shell</i>
2090-K6CK-D44M		<i>Low-Profile Connector Kit, 44-pin male high density D-shell</i>
2090-K6CK-D44S0		<i>Low-Profile Connector Kit, 44-pin high density D-shell, Cascading Safe Torque-Off</i>
2090-CS0DSDS-AAxx		<i>Safe torque-off cascading cable, xx = length in meters</i>

- 3) *If no series number is given, then all series are covered*
- 4) *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) *EN ISO 13849-1 Category 3 and IEC 61508 Safety Integrity Level 3 apply only to Kinetix6000 drives with the suffix “-S” appended to the model number. Installation must be in accordance with the reference manual “Kinetix Safe-Off Feature”. System integrator must consider the entire safety string not just the rating of the drive component when designing the machine safety function.*
- 6) *Catalogue model numbers may have “-S” appended to the number to indicate safe-off functions are included in the drive function*
- 7) *Catalogue model numbers may have “-M” appended to the number to indicate modularity*
- 8) *The following letters are used in the accessories listing to indicate model number description fields that do not affect this DoC; a, x, z. These fields may be filled with any number or letter indicating options which do not impact this DoC*