


EU Declaration of Conformity

Product:	Kinetix 6000/6200/6500/6000M 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 2094 <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 system - 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	
EN 61508:2010 Parts 1-7 ³	Functional safety of electrical/electronic/programmable electronic safety-related systems	
EN ISO 13849-1:2015 ³	Safety of machinery - Safety-related parts of control systems - Part 1: General principles for design	
EN 62061:2015	Safety of machinery - Functional safety of safety-related electrical, electronic and programmable electronic control systems	
EN 50581: 2012	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances	
Notified Body: performed: and issued the certificate(s):	TÜV Rheinland, Am Grauen Stein, 51105 Koln, 0035 EC Type Examination 01/205/5287.01/18 (Kinetix 6000-S) 01/205/5214.01/17 (Kinetix 6000 IPIM/IDM) 01/205/0709.01/15 (Kinetix 6200/6500 S0) 01/205/0639.01/14 (Kinetix 6200/6500 S1)	
<i>Additional information:</i>		
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, Kinetix6000M-S products) Safe Speed Monitor Option (Kinetix 6200/6500-S1 products)	
<i>Signed for and on behalf of the above named manufacturer:</i>		
Place and date of issue:	Mequon, WI USA 27-March-2018	
Name, function:	Craig Winterhalter, Director Engineering	
Signature:		

Catalogue number	Series ¹	Description	Directive ²			
			EMC	LVD	MD	RoHS
Bulletin 2094 Servo Drives ^{3,4,5}						
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-SEPM-B24-S		Kinetix 6000M, SERCOS, 460 Volt IDM Power Interface Module, safe torque-off	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 ⁶						
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 ⁶		
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>

- 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) *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.*
- 4) *Catalogue model numbers may have “-S” appended to the number to indicate safe-off functions are included in the drive function*
- 5) *Catalogue model numbers may have “-M” appended to the number to indicate modularity*
- 6) *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*