

EU Declaration of Conformity

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| <i>Product:</i> | <i>Kinetix 2000 Digital Servo Drives and Accessories</i> | |
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| <i>Name and address of the manufacturer:</i> | <i>Name and address of the authorised representative:</i> | |
| 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.

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| <i>Object of the declaration:</i> | Allen-Bradley Bulletin 2093 | |
| | <i>(reference the attached list of catalogue numbers)</i> | |


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

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| 2014/35/EU | Low Voltage Directive | (LVD) |
| 2014/30/EU | EMC Directive | (EMC) |
| 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:

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| <i>EN 61800-5-1:2007+A1:2017+A11:2021</i> | <i>Adjustable speed electrical power drive system - Part 5-1: Safety requirements - Electrical, thermal and energy.</i> | |
| <i>EN 61800-3:2004 + A1:2012</i> | <i>Adjustable speed electrical power drive systems – Part 3: EMC requirements and specific test methods</i> | |
| <i>EN IEC 63000:2018</i> | <i>Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances</i> | |

Signed for and on behalf of the above named manufacturer:

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| <i>Place and date of issue:</i> | <i>Mequon, WI USA</i> | <i>12-October-2022</i> |
| <i>Name, function:</i> | <i>Craig Winterhalter, Director Engineering</i> | |
| <i>Signature:</i> |  | |

| Catalogue number | Series ³ | Description | Directive ⁶ | | |
|--|---------------------|--|------------------------|-----|------|
| | | | EMC | LVD | RoHS |
| Bulletin 2093 Servo Drives^{1,2} | | | | | |
| 2093-AC05-MP1 | | Bulletin 2093 3kW/1A Integrated Axis Module | Yes | Yes | Yes |
| 2093-AC05-MP2 | | Bulletin 2093 3kW/2A Integrated Axis Module | Yes | Yes | Yes |
| 2093-AC05-MP5 | | Bulletin 2093 3kW/3A Integrated Axis Module | Yes | Yes | Yes |
| 2093-AMP1 | | Bulletin 2093 1A Axis Module | Yes | Yes | Yes |
| 2093-AMP2 | | Bulletin 2093 2A Axis Module | Yes | Yes | Yes |
| 2093-AMP5 | | Bulletin 2093 3A Axis Module | Yes | Yes | Yes |
| 2093-AM01 | | Bulletin 2093 6A Axis Module | Yes | Yes | Yes |
| 2093-AM02 | | Bulletin 2093 9.5A Axis Module | Yes | Yes | Yes |
| 2093-ASP06 | | Bulletin 2093 Shunt Module | Yes | Yes | Yes |
| 2093-PRS1 | | Bulletin 2093 1Axis Power Rail | Yes | Yes | Yes |
| 2093-PRS2 | | Bulletin 2093 2Axis Power Rail | Yes | Yes | Yes |
| 2093-PRS3 | | Bulletin 2093 3Axis Power Rail | Yes | Yes | Yes |
| 2093-PRS4 | | Bulletin 2093 4Axis Power Rail | Yes | Yes | Yes |
| 2093-PRS5 | | Bulletin 2093 5Axis Power Rail | Yes | Yes | Yes |
| 2093-PRS7 | | Bulletin 2093 7Axis Power Rail | Yes | Yes | Yes |
| 2093-PRS8S | | Bulletin 2093 8Axis Power Rail | Yes | Yes | Yes |
| 2093-PRF | | Bulletin 2093 Slot Filler | Yes | Yes | Yes |
| Bulletin 2093 Filters and Accessories^{1,2} | | | | | |
| 2090-XXLF-TC116 | | Line filter 1 phase 16 Ampere | Yes | Yes | Yes |
| 2090-XXLF-TC316 | | Line filter 3 phase 16 Ampere | Yes | Yes | Yes |
| 2094-AL09 | | 230 Volt Line Interface Module | Yes | Yes | Yes |
| 2094-AL15S | | 230 Volt 15 Ampere Line Interface Module | Yes | Yes | Yes |
| 2094-AL25S | | 230 Volt 25 Ampere Line Interface Module | Yes | Yes | Yes |
| 2094-AL50S | | 230 Volt 50 Ampere Line Interface Module | Yes | Yes | Yes |
| 2094-AL75S | | 230 Volt 75 Ampere Line Interface Module | Yes | Yes | Yes |
| Motor and Cable Compatibility^{1,2} | | | | | |
| TLa-Axxxx-yyyyy ⁴ | | 230 Volt TL-Series Servo Motor | Yes | Yes | Yes |
| MPF-Axxxx-yyyyy ⁴ | | 230 Volt Food Grade High Performance Servo Motor | Yes | Yes | Yes |
| MPG-Axxxx-yyyyy ⁴ | | 230 Volt Integrated Gear High Performance Servo Motor | Yes | Yes | Yes |
| MPL-Axxxx-yyyyy ⁴ | | 230 Volt High Resolution Feedback High Performance Servo Motor | Yes | Yes | Yes |
| MPS-Axxxx-yyyyy ⁴ | | 230 V Stainless Steel High Performance Servo Motor | Yes | Yes | Yes |
| Y-xxxx-yyyyy ⁵ | | 230 Volt Y Family Servo Motor | Yes | Yes | Yes |
| MPAS-Axxxx-VxxSxA ⁴ | | 230 Volt MP-Series Integrated Linear Stage (Ballscrew) | Yes | Yes | Yes |
| TLAR-Axxxx-yyy ⁴ | | 230 Volt TL Series Electric Cylinder | Yes | Yes | Yes |
| Cable Accessories | | | | | |
| 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-XXNPMPF-YYSL | | MPF-motor power cable, non-flex, YY = wire gauge, LL = length in meters | | | |

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| 2090-XXNFMF-SLL | | <i>MPF-encoder feedback cable, non-flex, LL = length in meters</i> |
| 2090-XXTPMP-YYSSL | | <i>Continuous Flex Motor power cable, YY = wire gauge, LL = length in meters</i> |
| 2090-XXTFMP-SLL | | <i>Continuous Flex Motor feedback cable, LL = length in meter</i> |
| 2090-UXTBMP-18SLL | | <i>MP motor brake cable, flex, LL = length in meters</i> |
| 2090-CPWM4DF-YYAFL | | <i>Continuous Flex Motor power cable, YY = wire gauge, LL = length in meters</i> |
| 2090-CPBM4DF-YYAFL | | <i>Continuous Flex Motor power with brake cable, YY = wire gauge, LL = length in meters</i> |
| 2090-CPWM7DF-YYAFL | | <i>Continuous Flex Motor power cable, YY = wire gauge, LL = length in meters</i> |
| 2090-CPBM7DF-YYAFL | | <i>Continuous Flex Motor power with brake cable, YY = wire gauge, LL = length in meters</i> |
| 2090-CFBM4DF-CDAFL | | <i>Continuous Flex Motor feedback cable, LL = length in meter</i> |
| 2090-CFBM7DF-CDAFL | | <i>Continuous Flex Motor feedback cable, LL = length in meter</i> |
| 2090-CFBM7E7-CDAFL | | <i>Continuous Flex Motor extension feedback cable, LL = length in meter</i> |
| 2090-CPWM4E2-YYTR | | <i>Motor power transition cables for use with MP motors, YY = wire gauge (From Bayonet Style to DIN Style Connectors)</i> |
| 2090-CPBM4E2-YYTR | | <i>Motor power with brake transition cables for use with MP motors, YY = wire gauge (From Bayonet Style to DIN Style Connectors)</i> |
| 2090-CFBM4E2-CATR | | <i>Encoder feedback transition cables for use with MP motors, (From Bayonet Style to DIN Style Connectors)</i> |
| 2090-CPWM7DF-YYAAL | | <i>Power Cable for MP motor using the MP connector system, YY = wire gauge, LL = length in meters</i> |
| 2090-CPBM7DF-YYAAL | | <i>Power Cable for MP motor using the MP connector system, YY = wire gauge, LL = length in meters</i> |
| 2090-CFBM7DF-CEAAL | | <i>Feedback Cable for MP motor using the MP connector system, LL = length in meters</i> |
| 2090-CFBM7DD-CEAAL | | <i>Feedback Cable with D-sub connector for MP motor using the MP connector system, LL = length in meters</i> |
| 2090-CFBM7DF-CEAFL | | <i>Continuous Flex Motor feedback cable, LL = length in meter</i> |
| 2090-CFBM7DD-CEAFL | | <i>Continuous Flex Motor feedback cable with D-sub connector, LL = length in meter</i> |
| 2090-CFBM7E7-CEAFL | | <i>Continuous Flex Motor extension feedback cable, LL = length in meter</i> |
| 2090-CPWM6DF-YYAAL | | <i>Power Cable for TL motor, YY = wire gauge, LL = length in meters</i> |
| 2090-CPBM6DF-YYAAL | | <i>Power / Brake Cable for TL motor system, YY = wire gauge, LL = length in meters</i> |
| 2090-CFBM6DF-CBAAL | | <i>Feedback Cable for TL motor LL = length in meters</i> |
| 2090-CFBM6DD-CCAAL | | <i>Feedback Cable for TL motor LL = length in meters</i> |
| 2090-XXNPY-YYSSL | | <i>Power Cable for Y motor, YY = wire gauge, LL = length in meters</i> |
| 2090-UXNFBY-SLL | | <i>Y-encoder feedback cable, non-flex, LL = length in meters</i> |
| 2090-XXNFBY-SLL | | <i>Y-encoder feedback cable, non-flex, LL = length in meters</i> |
| 2090-XXNFY-SLL | | <i>Feedback Cable for Y motor, LL = length in meters</i> |
| 2090-XXNPT-YYSSL | | <i>TL-motor power cable, non-flex, YY = wire gauge, LL = length in meters</i> |
| 2090-XXNFT-SLL | | <i>TL-encoder feedback cable, non-flex, LL = length in meters</i> |
| 2090-UXNBMP-18SLL | | <i>MP motor brake cable, non-flex, LL = length in meters</i> |
| 2090-DANBT-18SLL | | <i>TL motor brake cable, non-flex, LL = length in meters</i> |
| Connector Kits and Miscellaneous Accessories | | |
| 2090-SCEPx-x | | <i>SERCOS plastic cables for use in enclosure, x-x = length</i> |
| 2090-SCVPx-x | | <i>SERCOS plastic cables for use outside enclosure, x-x = length</i> |

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| 2090-SCNPx-x | | <i>SERCOS glass cables for use inside enclosure, x-x = length</i> |
| 2090-SCVGx-x | | <i>SERCOS glass cables for use outside enclosure, x-x = length</i> |
| 2090-S-BLHD | | <i>SERCOS bulkhead adapter</i> |
| 2090-K2CK-D15M | | <i>Low Profile Conn Kit, 15-pin male high density D-shell.</i> |

- 1) *Only the following motor and cable families are compatible with the 2093 servo drives and total output cable length, power or feedback attached to the drive must not exceed 160 meters. Any one cable may not exceed 30 meters*
- 2) *The following letters are used in the compatibility matrix to indicate model number description fields that do not affect this DoC; a, x, y, z. These fields may be filled with any number or letter indicating motor or cable options which do not impact this DoC*
- 3) *If no series number is given, then all series are covered*
- 4) *These motors comply with EN 61800-3, EN 60034-1, and EN 60204-1*
- 5) *These motors comply with EN 61800-3, EN 60034-1, and EN 60204-1 clause 15 only.*
- 6) *Legend as follows:*
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