



EU DECLARATION OF CONFORMITY

DOCUMENT: HX503704

Manufacturer **Parker Hannifin Manufacturing Ltd.**
Address **New Courtwick Lane, LITTLEHAMPTON,
West Sussex, BN17 7RZ
United Kingdom**

declares under sole responsibility compliance of the following products

Product **590+ Series DC Drives**
Product name **590+ Frames 1, 2, 3, 4, 5, 6**

with the

Low Voltage Directive 2014/35/EU

Applied harmonized standards
EN 50178:1998
Electronic equipment for use in power installations

EMC Directive 2014/30/EU

Applied harmonized standards
EN 61800-3:1997
Adjustable speed electrical power drive systems
Part 3: EMC product standard including specific test methods.

Machinery Directive 2006/42/EC (Appendix IV)

Applied harmonized standards
EN 60204-1:1998
Safety of machinery – Electrical equipment of machines
Part 1: General requirements

RoHS Directive 2011/65/EU

Applied harmonized standards
EN 50581:2012
Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

Date CE mark first applied: **2001-04-01**

Notes:

These products must be installed and operated with reference to the instructions in the Product Manual.
All instructions, warnings and safety information of the Product Manual must be adhered to.

Issued for compliance with the EMC Directive when the unit is used as *relevant apparatus*.

The products are components to be incorporated into machinery and may not be operated alone. The complete machinery or installation may only be put into service when the safety considerations of the Machinery Directive 2006/42/EC are fully adhered to.

Some components in these products are RoHS compliant using the following exemptions listed in Annex III: 6(a), 6(b), 6(c), 7(c)-I & 15

Signed on behalf of Parker Hannifin Manufacturing Ltd., Littlehampton 2017-07-23

Ms. Sunny Wang Quality Manager

Dr. Martin Payn Global EM Compliance Manager

Ms. Tracy Huang Business Unit Manager



APPENDIX: ORDER CODE FOR EU DECLARATION OF CONFORMITY

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	Block 1	Block 2	Block 3	Block 4
	590P	23 2150 1 0	P 00	U 0 A 0
Family	590+ series regen DC converter 591+ series non-regen DC converter	590P 591P		
Rating Data	Supply Voltage	Output Current	Frame Size	
	110-220v 3ph		23	
		15	1	2150 1
		35	1	2350 1
		40	2	2400 2
		70	2	2700 2
		110	2	3110 2
		165	2	3165 2
		180	3	3180 3
		270	3	3270 3
		380	4	3380 4
		500	4	3500 4
		725	4	3725 4
		830	4	3830 4
		1580	5	4158 5
	220-500v 3ph		53	
		15	1	2150 1
		35	1	2350 1
		40	2	2400 2
		70	2	2700 2
		110	2	3110 2
		165	2	3165 2
		180	3	3180 3
		270	3	3270 3
		380	4	3380 4
		500	4	3500 4
		725	4	3725 4
		830	4	3830 4
		1580	5	4158 5
		1250	6	4125 6
		1600	6	4160 6
		1950	6	4195 6
	500-600v 3ph		63	
		380	4	3380 4
		500	4	3500 4
		725	4	3725 4
		830	4	3830 4
		1580	5	4158 5
	500-690v 3ph		73	
		1250	6	4125 6
		1600	6	4160 6
		1850	6	4185 6
Auxiliary Supply	Universal 115v-230v 1ph (frames 1, 2 & 6) 115v 1ph (frames 3 - 5) 230v 1ph (frames 3 - 5)			0 1 2
Mechanical Style	Panel Mounting Panel Mounting + Airflow Kit (option on Frames 4 & 5 only)		P A	
Special Option	None Documented special options (01-99)		00	
Destination	English (50/60Hz) German Spanish French Italian			U D E F I
Keypad	None 6901 keypad fitted			0 4
Speed Feedback	Analog Tacho Glass Fiberoptic encoder Plastic Fiberoptic encoder Armature Voltage Wire-ended Encoder			A G P V W
Comms	None ControlNet DeviceNet Ethernet Link ModBus + CatOpen Profibus RS485/RS422			C D E L M N P R

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