



EU DECLARATION OF CONFORMITY

DOCUMENT: HX503894 REV 1

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 **AC30 Series Variable Speed Drives**
Product name **AC30 Frames L, M & N**

with the

Low Voltage Directive 2014/35/EU

Applied harmonized standards
EN 61800-5-1:2007+A1:2017
Adjustable speed electrical power drive systems
Part 5-1: Safety requirements- Electrical, thermal and energy

EMC Directive 2014/30/EU

Applied harmonized standards
EN 61800-3:2004 + A1:2012
Adjustable speed electrical power drive systems
Part 3: EMC product standard including specific test methods.

Machinery Directive 2006/42/EC

Applied harmonized standards
EN 61800-5-2:2017
Adjustable speed electrical power drive systems
Part 5-2: Safety requirements - Functional
EN ISO 13849-1:2015 *PLe/SIL3*
Safety of Machinery – Safety-related parts of control systems
Part 1: General principles for design

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: **2018-02-01**

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.

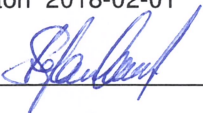
Issued for compliance with the EMC Directive for filtered versions when the unit is used as *relevant apparatus*.

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 2018-02-01

Mr. Stefan Kempf Division Opex Manager




Mr. Eduard Stuber Engineering Manager



Dr. Martin Payn Global EM Compliance Manager



Mr. Raphael Wendling Business Unit Manager





APPENDIX: ORDER CODE FOR EU DECLARATION OF CONFORMITY

DOCUMENT: HX503894 REV 1

AC30 Series Power Stack Product Order Code

| | | | | | | | | |
|---------------|-----|---|----------|---|-----|---|-----|--------|
| Order example | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | 710 | - | 4 L 0530 | - | N E | - | 0 S | - 0000 |

| | | |
|--|--------------|---|
| 1 Device Family | 710 | AC Power stack only (no control module) |
| | 740 | DC Power stack only (no control module) |
| 2 Voltage | 4 | 400 V nominal supply system (AC line) |
| 3 Frame Size and Current Rating | | normal duty heavy duty |
| | L0530 | 280 kW 250 kW |
| | L0590 | 315 kW 280 kW |
| | M0650 | 355 kW 315 kW |
| | M0700 | 400 kW 355 kW |
| | N0790 | 450 kW 400 kW |

| | | |
|------------------------------------|-------------|--------------------------------------|
| 4 Brake Switch | N | Without brake switch |
| 5 EMC Filter ⁽¹⁾ | N | No filter fitted |
| | E | Category C3 filter fitted (standard) |
| 6 Graphical Keypad | 0 | No keypad fitted |
| 7 Environmental Coating | S | Standard 3C3 coating |
| 8 Special Options | 0000 | No special options |

(1) 1. Only EMC filter option N is valid on 740 products.

AC30 Series Configured Product Order Code

| | | | | | | | | |
|---------------|-----|---|----------|---|-----|---|-----|--------|
| Order example | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | 31V | - | 4 L 0530 | - | N E | - | 2 S | - 0000 |

| | | |
|--|--------------|--|
| 1 Device Family | 31V | AC30 series complete AC line fed drive |
| | 34V | AC30 series complete DC link fed drive |
| 2 Voltage | 4 | 400 V nominal supply system (AC line) |
| 3 Frame Size and Current Rating | | normal duty heavy duty |
| | L0530 | 280 kW 250 kW |
| | L0590 | 315 kW 280 kW |
| | M0650 | 355 kW 315 kW |
| | M0700 | 400 kW 355 kW |
| | N0790 | 450 kW 400 kW |

| | | |
|------------------------------------|-------------|--------------------------------------|
| 4 Brake Switch | N | Without brake switch |
| 5 EMC Filter ⁽¹⁾ | N | No filter fitted |
| | E | Category C3 filter fitted (standard) |
| 6 Graphical Keypad | 0 | No keypad fitted |
| | 1 | Blanking cover fitted |
| | 2 | Graphical keypad fitted |
| 7 Environmental Coating | S | Standard 3C3 coating |
| 8 Special Options | 0000 | No special options |

(1) 1. Only EMC filter option N is valid on 740 products.

Signed on behalf of Parker Hannifin Manufacturing Ltd., Littlehampton 2018-02-01

Mr. Stefan Kempf Division Opex Manager

Mr. Eduard Stuber Engineering Manager

Dr. Martin Payn Global EM Compliance Manager

Mr. Raphael Wendling Business Unit Manager