



## EU DECLARATION OF CONFORMITY

DOCUMENT: HX503658

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 D, E, F, G, H, J & K**

with the

### Low Voltage Directive 2014/35/EU

Applied harmonized standards

EN 61800-5-1:2007

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 (Appendix IV)

Applied harmonized standards

EN 61800-5-2:2007 *Safe Torque Off (STO)*

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: **2012-10-01**

#### 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 2017-07-23

**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

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## AC30 Series Control Module Order Code

	1	2		3	4		5
Order example	30	V	-	2	S	-	0000
<b>1 Drive Family</b>							
30	AC30 series control module only (no power stack)						
<b>2 Industry</b>							
V	Standard						
P	Advanced controller						
D	Advanced controller with dual encoder system option						
<b>3 Graphical Keypad</b>							
0	No keypad fitted						
1	Blanking cover fitted						
2	Graphical keypad fitted						
<b>4 Environmental Coating</b>							
S	Standard 3C3 coating						
E	Enhanced coating						
<b>5 Special Options</b>							
0000	No special options						

## AC30 Series Power Stack Order Code

	1		2	3		4	5		6	7		8	
Order example	710	-	4	D	0004	-	B	F	-	0	S	-	0000
<b>1 Drive Family (1)</b>													
710	AC Power stack only (no control module)												
740	DC Power stack only (no control module)												
<b>2 Voltage</b>													
4	400 V nominal supply system (AC line)												
<b>3 Frame Size and Current Rating</b>													
	normal duty						heavy duty						
D0004	1.1 kW						0.75 kW						
D0005	1.5 kW						1.1 kW						
D0006	2.2 kW						1.5 kW						
D0008	3 kW						2.2 kW						
D0010	4 kW						3 kW						
D0012	5.5 kW						4 kW						
E0016	7.5 kW						5.5 kW						
E0023	11 kW						7.5 kW						
F0032	15 kW						11 kW						
F0038	18.5 kW						15 kW						
F0045	22 kW						18.5 kW						
G0045	22 kW						22 kW						
G0060	30 kW						22 kW						
G0073	37 kW						30 kW						
H0087	45 kW						37 kW						
H0105	55 kW						45 kW						
H0145	75 kW						55 kW						
J0180	90 kW						75 kW						
J0205	110 kW						90 kW						
J0260	132 kW						110 kW						
K0300	160 kW						132 kW						
K0380	200 kW						160 kW						
K0440	250 kW						200 kW						
<b>4 Brake Switch</b>													
N	Without brake switch												
B	Brake switch fitted (standard)												
<b>5 EMC Filter (2)</b>													
N	No filter fitted												
E	Category C3 filter fitted (standard)												
F	Category C2 filter fitted												
<b>6 Graphical Keypad</b>													
0	No keypad fitted												
<b>7 Environmental Coating</b>													
S	Standard 3C3 coating												
E	Enhanced coating												
<b>8 Special Options</b>													
0000	No special options												

(1) Frame size K products are available in AC line fed options only (710 family).

- (2) 1. Only EMC filter option N is valid on DC fed stacks (740 family)  
2. Only EMC filter option E is valid on Frame size K products.  
3. EMC filter option F is not valid on Frame size J products.

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

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**Mr. Eduard Stuber** Engineering Manager

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**Mr. Raphael Wendling** Business Unit Manager



### AC30V Series Configured Product Order Code

Order example	1	2	3	4	5	6	7	8					
	31V	-	4	D	0004	-	B	F	-	2	S	-	0000

<b>1 Drive Family</b>	31V AC30V series complete line fed drive	
<b>2 Voltage</b>	4 400 V nominal supply system (AC line)	
<b>3 Frame Size and Current Rating</b>	normal duty	heavy duty
D0004	1.1 kW	0.75 kW
D0005	1.5 kW	1.1 kW
D0006	2.2 kW	1.5 kW
D0008	3 kW	2.2 kW
D0010	4 kW	3 kW
D0012	5.5 kW	4 kW
E0016	7.5 kW	5.5 kW
E0023	11 kW	7.5 kW
F0032	15 kW	11 kW
F0038	18.5 kW	15 kW
F0045	22 kW	18.5 kW
G0045	22 kW	22 kW
G0060	30 kW	22 kW
G0073	37 kW	30 kW
H0087	45 kW	37 kW
H0105	55 kW	45 kW
H0145	75 kW	55 kW
J0180	90 kW	75 kW
J0205	110 kW	90 kW
J0260	132 kW	110 kW
K0300	160 kW	132 kW
K0380	200 kW	160 kW
K0440	250 kW	200 kW

<b>4 Brake Switch</b>	N	Without brake switch
	B	Brake switch fitted (standard)
<b>5 EMC Filter</b>	(1)	
	N	No filter fitted
	E	Category C3 filter fitted (standard)
	F	Category C2 filter fitted
<b>6 Graphical Keypad</b>	0	No keypad fitted
	1	Blanking cover fitted
	2	Graphical keypad fitted
<b>7 Environmental Coating</b>	S	Standard 3C3 coating
	E	Enhanced coating
<b>8 Special Options</b>	0000	No special options

- (1) 1. Only EMC filter option N is valid on DC fed stacks (740 family)
- 2. Only EMC filter option E is valid on Frame size K products.
- 3. EMC filter option F is not valid on Frame size J products.

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