

UK Declaration of Conformity

Document No: DOC-0024-10-A
Manufacturer: Parker Hannifin Manufacturing Germany GmbH & Co.KG
Electric Motion & Pneumatic Division
Address: Robert-Bosch-Str. 22, 77656 Offenburg, Germany

We hereby declare under our sole responsibility that the below products

Type of Product: Variable Speed Drives - Series AC15 and AC20
Product Name: 15G, 20G and 20F
Further Details: See appendix (which is part of this declaration, when attached)

fulfill the provisions of following UK legislations including their amendments in force at the time of the declaration:

<u>Reference</u>	<u>Title</u>
SI 2016 No. 1091	Electromagnetic Compatibility Regulations 2016 (EU equivalent: 2014/30/EU)
SI 2008 No. 1597	Supply of Machinery (Safety) Regulations 2008 - Schedule 2/Annex IV (EU equivalent: 2006/42/EC - Appendix IV)
SI 2012 No. 3032	Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment 2012 (EU equivalent: 2011/65/EU + delegated (EU) 2015/863)
SI 2021 No. 745	The Ecodesign for Energy-Related Products and Energy Information Regulations 2021, laying down ecodesign requirements for electric motors and variable speed drives pursuant to SI 2010 No. 2617 (EU equivalent: (EU) 2019/1781 pursuant to 2009/125/EC)

Relevant designated standards applied, are:

<u>Reference</u>	<u>Edition</u>
EN 61800-3	2018
EN ISO 13849-1	2015
EN 61800-5-1	2007+A1:2017+A11:2021
EN 61800-5-2	2017
EN IEC 63000	2018
EN 61800-9-2	2017

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.

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 Supply of Machinery (Safety) Regulations 2008 are fully adhered to.

UKCA mark first applied: 2023-04 (CE mark first applied: 2023-04)

Signed for and on behalf of: Parker Hannifin Manufacturing Germany GmbH & Co.KG
Location, date of issue: Offenburg, 2023-04-25

Raphael Wendling
Division Operational Manager EMPD

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AC15 Series Product Codes

Order example	15G	-	1	1	-	0025	-	B	F
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1	Device Family	
	15G	AC15 Series, General Purpose AC Drive
2	Voltage	
	1	230Vac, Single Phase
	3	230Vac, Three Phase
	4	400Vac, Three Phase
3 & 4	Frame Size and Current Rating (Heavy Duty)	
		Frame Size - Current Rating (Power)
	230Vac, Single Phase Supply Voltage	
	1-0025	Frame 1 - 2.5A (0.37kW)
	1-0045	Frame 1 - 4.5A (0.75kW)
	1-0070	Frame 1 - 7A (1.5kW)
	2-0100	Frame 2 - 10A (2.2kW)
	230Vac, Three Phase Supply Voltage	
	1-0025	Frame 1 - 2.5A (0.37kW)
	1-0045	Frame 1 - 4.5A (0.75kW)
	1-0070	Frame 1 - 7A (1.5kW)
	2-0100	Frame 2 - 10A (2.2kW)
	3-0170	Frame 3 - 17A (4.0kW)
	4-0210	Frame 4 - 21A (5.5kW)
	5-0300	Frame 5 - 30A (7.5kW)
	5-0400	Frame 5 - 40A (11kW)
	400Vac, Three Phase Supply Voltage	
	1-0012	Frame 1 - 1.2A (0.37kW)
	1-0020	Frame 1 - 2A (0.75kW)
	1-0040	Frame 1 - 4A (1.5kW)
	2-0065	Frame 2 - 6.5A (2.2kW)
	2-0090	Frame 2 - 9A (4.0kW)
	3-0120	Frame 3 - 12A (5.5kW)
	3-0170	Frame 3 - 17A (7.5kW)
	4-0230	Frame 4 - 23A (11kW)
	4-0320	Frame 4 - 32A (15kW)
	5-0380	Frame 5 - 38A (18.5kW)
	5-0440	Frame 5 - 44A (22kW)
	5-0600	Frame 5 - 60A (30kW)
5	Brake Switch	
	B	Brake Switch Fitted
6	EMC Filter	
	F	Category C3 Filtered

AC20 Series Product Codes

Order example	1	2	3	4	5	6			
	20G	-	1	2	-	0070	-	B	F

1	Device Family
20G	AC20 Series, Advanced, General Purpose AC Drive
2	Voltage
1	230Vac, Single Phase
3	230Vac, Three Phase
4	400Vac, Three Phase
3 & 4	Frame Size and Current Rating (Heavy Duty)
	Frame Size - Current Rating (Power)
	230Vac, Single Phase Supply Voltage
2-0070	Frame 2 - 7A (1.5kW)
2-0100	Frame 2 - 10A (2.2kW)
	230Vac, Single/Three Phase Supply Voltage
2-0070	Frame 2 - 7A (1.5kW)
2-0100	Frame 2 - 10A (2.2kW)
3-0170	Frame 3 - 17A (4.0kW)
4-0210	Frame 4 - 21A (5.5kW)
5-0300	Frame 5 - 30A (7.5kW)
5-0400	Frame 5 - 40A (11kW)
	400Vac, Three Phase Supply Voltage
2-0040	Frame 2 - 4A (1.5kW)
2-0065	Frame 2 - 6.5A (2.2kW)
2-0090	Frame 2 - 9A (4.0kW)
3-0120	Frame 3 - 12A (5.5kW)
3-0170	Frame 3 - 17A (7.5kW)
4-0230	Frame 4 - 23A (11kW)
4-0320	Frame 4 - 32A (15kW)
5-0380	Frame 5 - 38A (18.5kW)
5-0440	Frame 5 - 44A (22kW)
5-0600	Frame 5 - 60A (30kW)
6-0750	Frame 6 - 75A (37kW)
6-0900	Frame 6 - 90A (45kW)
7-1100	Frame 7 - 110A (55kW)
7-1500	Frame 7 - 150A (75kW)
8-1800	Frame 8 - 180A (90kW)
8-2200	Frame 8 - 220A (110kW)
8-2650	Frame 8 - 265A (132kW)
9-3200	Frame 9 - 320A (160kW)
10-3600	Frame 10 - 360A (180kW)
5	Brake Switch
B	Brake Switch Fitted
6	EMC Filter
F	Category C3 Filtered

AC20 Series Product Codes

	1		2	3		4		5	6
Order example	20F	-	4	2	-	0090	-	B	F

1	Device Family	
	20F	AC20 Series, Advanced, Control Pump AC Drive
2	Voltage	
	4	400Vac, Three Phase
3 & 4	Frame Size and Current Rating (Heavy Duty)	
		Frame Size - Current Rating (Power)
		400Vac, Three Phase Supply Voltage
	2-0040	Frame 2 - 4A (1.5kW)
	2-0065	Frame 2 - 6.5A (2.2kW)
	2-0090	Frame 2 - 9A (4.0kW)
	3-0120	Frame 3 - 12A (5.5kW)
	3-0170	Frame 3 - 17A (7.5kW)
	4-0230	Frame 4 - 23A (11kW)
	4-0320	Frame 4 - 32A (15kW)
	5-0380	Frame 5 - 38A (18.5kW)
	5-0440	Frame 5 - 44A (22kW)
	5-0600	Frame 5 - 60A (30kW)
	6-0750	Frame 6 - 75A (37kW)
	6-0900	Frame 6 - 90A (45kW)
	7-1100	Frame 7 - 110A (55kW)
	7-1500	Frame 7 - 150A (75kW)
	8-1800	Frame 8 - 180A (90kW)
	8-2200	Frame 8 - 220A (110kW)
	8-2650	Frame 8 - 265A (132kW)
	9-3200	Frame 9 - 320A (160kW)
	10-3600	Frame 10 - 360A (180kW)
5	Brake Switch	
	B	Brake Switch Fitted
6	EMC Filter	
	F	Category C3 Filtered