Understanding the Product Code

Model Number

The unit is fully identified using an alphanumeric code which records how the Drive was calibrated, its various settings when despatched from the factory, and the country of origin.
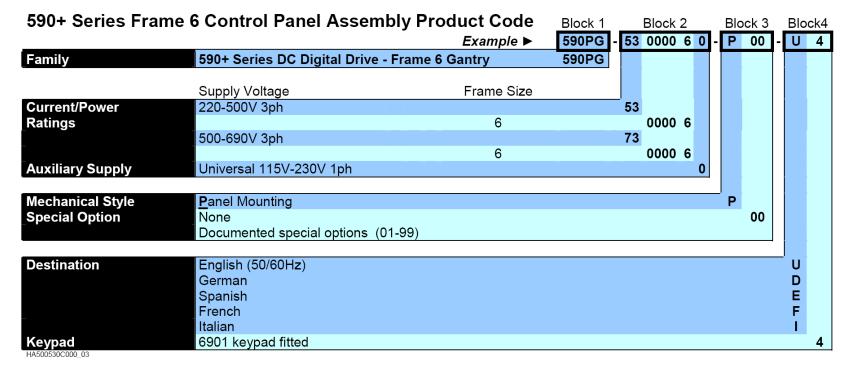
The Product Code appears as the "Model No". Each block of the Product Code is identified as below.

590+ Series Product Code

		Block 1	Block 2	Block 3	Block 4
Example ▶		590P	- 23 2150 1 0	- P 00	- U 0 A 0

Family			
	590+ Series DC Digital Drive - regen	590P	
	591+ Series DC Digital Drive - non-regen	591P	

Current/Power Ratings	Supply Voltage	Output Current (A)	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
		1200	H		4120	H
		1700	H		4170	H
		2200	H		4220	H
		2700	H		4270	H
	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
		1950	6		4195	6
		1200	H		4120	H
		1700	H		4170	H
		2200	H		4220	H
		2700	H		4270	H

Auxiliary Supply		
	Universal 115V-230V 1ph (Frames 1, 2, 6 & H)	0
	115V 1ph (Frames 3 - 5)	1
	230V 1ph (Frames 3 - 5)	2

Mechanical Style		
	Panel Mounting	P
	Panel Mounting + Airflow Kit (option on Frames 4 & 5 only)	A

Special Option		
	None	00
	Documented special options (01-99)	

Destination		
	English (50/60Hz)	U
	German	D
	Spanish	E
	French	F
	Italian	I

Keypad		
	None	0
	6901 keypad fitted	4

Speed Feedback		
	Analog Tacho	A
	Glass Fiberoptic encoder	G
	Plastic Fiberoptic encoder	P
	Armature Voltage	V
	Wire-ended Encoder	W

Comms		
	None	0
	ControlNet	C
	DeviceNet	D
	Ethernet	E
	Link	L
	ModBus +	M
	CanOpen	N
	Profibus	P
	RS485/RS422	R

590+ Frame 6 Phase Assembly Product Code

						Block 1	Block 2	Block 3
					Example ▶	590PL	53 4125 6 0	P 00

| Family | 590+ Series DC Digital Drive - regen Phase Limb | | | | 590PL | | |
| | 591+ Series DC Digital Drive - non-regen Phase Limb | | | | 591PL | | |

Current/Power Ratings	Supply Voltage	Output Current (A)	Frame Size	
	220-500V 3ph			53
		1250	6	4125 6
		1600	6	4160 6
		1950	6	4195 6
	500-690V 3ph			73
		1250	6	4125 6
		1600	6	4160 6
		1950	6	4195 6
Auxiliary Supply	None			0

Mechanical Style Special Option	Panel Mounting	P	
	None		00
	Documented special options (01-99)		

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590+ Series Frame 6 Control Panel Assembly Product Code

		Block 1	Block 2	Block 3	Block4
	Example ▶	590PG	53 0000 6 0	P 00	U 4

| Family | 590+ Series DC Digital Drive - Frame 6 Gantry | 590PG | | | |

Current/Power Ratings	Supply Voltage	Frame Size	
	220-500V 3ph		53
		6	0000 6
	500-690V 3ph		73
		6	0000 6
Auxiliary Supply	Universal 115V-230V 1ph		0

Mechanical Style Special Option	Panel Mounting	P	
	None		00
	Documented special options (01-99)		

Destination	English (50/60Hz)	U
	German	D
	Spanish	E
	French	F
	Italian	I
Keypad	6901 keypad fitted	4

HA500530C000_03

Door Assembly Product Code

The door assembly is identified separately. The Product Code appears on a label displayed under the terminal cover.

Block No.	Variable	Description

1	XXXXX	Generic product
		
		    590PD : Fits Frame 4 and 5 units
		    590PXD : Fits Frame 3, 6 & H units

2	XXXX	4 digits describing the mechanical package including livery and mechanical package style:
		
		First two digits (on the left) *Livery*
		    00 Standard Parker SSD Drives Livery
		    05 Distributor Livery
		    01-04 and 06-99 Defined customer liveries TBA
		
		Third digit *Mechanical Package Style*
		    1 Standard
		
		Fourth digit *Keypad*
		    0 No keypad
		    1 Built-in keypad

3	XX	Two characters specifying the user interface language:
		
		    UK = English
		    FR = French
		    GR = German (refer to Customer Services)
		    SP = Spanish (refer to Customer Services)
		    IT = Italian (refer to Customer Services)

4	XXX	Up to three characters specifying engineering special options: 0 = No special option