

Model Number (Europe)

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 shown:

		Block 1				Block 2		Block 3		Block 4							
		Example ▶ 955R				53	2150	1	1	P	00	U	0	A	0	00	
Product Family	DC590+ DRV Series DC Digital Drive - regen	955R															
	DC590+ DRV Series DC Digital Drive - non-regen	955N															
	Supply Voltage	kW	Output Current (A)	HP	Frame Size												
Current / Power Ratings	500v 3ph					53											
		7	15	7.5	1		2150	1									
		15	35	20	1		2350	1									
		18	40	25	2		2400	2									
		22	55	30	2		2550	2									
		30	70	40	2		2700	2									
		37	90	50	2		2900	2									
		45	110	60	2		3110	2									
	55	125	75	2		3125	2										
	75	165	100	2		3165	2										
Auxiliary Supply	115V 1ph										1						
	230V 1ph										2						
Mechanical Style	Panel Mounting (Frames 1 & 2)																
Special Options	None																
	Documented special options (01-99) (Refer to local sales office)																
Language	English (50/60Hz)																
	German																
	Spanish																
	French																
	Italian																
Keypad	None																
	6901 keypad fitted																
Speed Feedback	Analog Tacho																
	Glass Fiberoptic encoder																
	Plastic Fiberoptic encoder																
	Armature Voltage																
	Wire-ended Encoder																
Communications	None																
	ControlNet																
	DeviceNet																
	Ethernet																
	Link																
	ModBus +																
	CanOpen																
	Profibus																
	RS485/RS422																
Blower Overload	No Blower Overload																
	0.10 - 0.16A																
	0.16 - 0.25A																
	0.25 - 0.4A																
	0.4 - 0.63A																
	0.63 - 1.0A																
	1.0 - 1.6A																
	1.6 - 2.5A																
	2.5 - 4.0A																
	4.0 - 6.3A																

Model Number (Europe - Legacy Numbers)

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Block No.	Variable	Description
1	XXXXXXXX	Generic product 590P-DRV : 590+DRV 4Q DC Drive 591P-DRV : 590+DRV 2Q DC Drive
2	XXXX	Four digits identifying the maximum dc output current rating that may be calibrated for each size of product: 0015 = 15A (Frame 1) 0035 = 35A (Frame 1) 0040 = 40A (Frame 2) 0055 = 55A (Frame 2) 0070 = 70A (Frame 2) 0090 = 90A (Frame 2) 0110 = 110A (Frame 2) 0125 = 125A (Frame 2) 0165 = 165A (Frame 2)
3	XXX	3 digits identifying the nominal 3 phase ac power, supply voltage: 220 110 to 220V ($\pm 10\%$) 50/60Hz 500 220 to 500V ($\pm 10\%$) 50/60Hz 600 500 to 600V ($\pm 10\%$) 50/60Hz (Frame 4 & 5 only) 690 500 to 690V ($\pm 10\%$) 50/60Hz (Frame 7 only)
4	XXXX	4 digits describing the mechanical package including livery and mechanical package style: <i>First two digits (on the left)</i> <i>Livery</i> 00 Standard Parker SSD Livery 05 Distributor Livery 01-04 and 06-99 Defined customer liveries TBA <i>Third digit</i> <i>Mechanical Package Style</i> 1 Standard (IP20), protected panel mounting 4 Panel Mounting IP20 plus Roof Vent Kit (Frame 4 only) <i>Fourth digit</i> <i>Keypad</i> 0 No Keypad 1 Built-in 6901 Keypad

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Block No.	Variable	Description
5	XX	Two characters specifying the user interface language: UK = English SP = Spanish * FR = French IT = Italian * GR = German * * refer to Customer Services
6	XXX	Up to three characters specifying the feedback option (one must be fitted): ARM = Armature Voltage ENP = Encoder (plastic fibre-optic) AN = Analog Tacho ENG = Encoder (glass fibre-optic) ENW = Encoder (wire-ended)
7	XXXXX	Up to five characters specifying the protocol for the 6055 communications Tech Box option: 0 = No Comms option fitted EI00 = RS485 (EI BINARY, EI ACSII or MODBUS RTU) PROF = PROFIBUS DP LINK = LINK DNET = DEVICENET CAN = CANOPEN MBP = MODBUS+ ENET = ETHERNET
8	XXX	Up to three characters specifying the auxiliary mains power supply for contactor (all units): 110 = 110(±10%) 50/60Hz 230 = 220V to 240V (±10%) 50/60Hz CX = Control transformer fitted internally
9	XXX	Motor blower output: 0 = Not fitted 063 = 0.40 to 0.63A 400 = 2.50 to 4.00A 016 = 0.10 to 0.16A 100 = 0.63 to 1.00A 630 = 4.0A to 6.30A 025 = 0.16 to 0.25A 160 = 1.00 to 1.60A 040 = 0.25 to 0.40A 250 = 1.60 to 2.50A
10	XXX	Auxiliary volt-free contact: AUX = Fitted
11	XXX	Up to three characters specifying engineering special options: 0 = No special option

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 and H units
2	XXXX	4 digits describing the mechanical package including livery and mechanical package style: <i>First two digits (on the left)</i> <i>Livery</i> 00 Standard Parker SSD Livery 05 Distributor Livery 01-04 and 06-99 Defined customer liveries TBA <i>Third digit</i> <i>Mechanical Package Style</i> 1 Standard <i>Fourth digit</i> <i>Keypad</i> 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