

Product Code

DC590+ Series External Stack Controllers

		Block 1	Block 2			Block 3			Block 4				
Example ▶		598P	23	2600	1	0	A	P	00	U	0	A	0
Product Family	DC590+ Series Digital Drive - regen External Stack	598P											
	DC591+ Series Digital Drive - non-regen External Stack	599P											
Current / Power Rating	Supply Voltage												
	Output Current (A)												
	Frame Size												
	110-220V 3ph		23										
	60			2600	1								
	120			3120	1								
	220-500V 3ph		53										
	60			2600	1								
120			3120	1									
500-690V 3ph	60		73										
	120			2600	1								
				3120	1								
Auxiliary Supply	Universal 115V-230V 1ph (60 Amp rating only)												0
	115V 1ph (120 Amp rating only)												1
	230V 1ph (120 Amp rating only)												2
Trigger Option	Amplifiers												A
	Trigger (110-220v & 220-500v supply only)												T
Mechanical Style	Panel Mounting												P
Special Options	None												00
	Documented special options (01-99) (Refer to local sales office)												
Language	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
Communications	None												0
	ControlNet												C
	DeviceNet												D
	Ethernet												E
	Link												L
	ModBus +												M
	CanOpen												N
	Profibus												P
	RS485/RS422												R

LEGACY PRODUCT CODE

Block	Variable	Description
1	XXXX	Product 598P : 590+ External Stack Controller 4Q DC Drive 599P : 591+ External Stack Controller 2Q DC Drive
2	XXXX	Four Digits describing the Maximum Field DC Current Output. 0060 = 60 Amps 0120 = 120 Amps
3	XXX	Three Digits describing the Nominal 3 Phase Supply Voltage. 240 = 110 to 240 Vac ±10% 50/60Hz. – Low Voltage Build. 500 = 220 to 500 Vac ±10% 50/60Hz. – Medium Voltage Build. 690 = 380 to 690 Vac ±10% 50/60Hz. – High Voltage Build.
4	XXXX	Four Digits describing the Mechanical Package Style. <i>First Two Digits</i> <i>Livery</i> 00 Standard 05 Distributor <i>Third Digit</i> <i>Firing Amplifier</i> T Trigger (110-220v & 220-500v supply only) A Power Amplifier <i>Fourth Digit</i> <i>Operator Station</i> 0 No Opstation 1 6901 Opstation
5 through 7		As 590+.
8	XXX	Three Digits defining the required Auxiliary Supply Voltage. 0 = Universal Supply. 110 to 240 Vac ±10% 50/60Hz. 60 Amp Product only. 115 = 110 to 120 Vac ±10% 50/60Hz. 120 Amp Product requirement. 230 = 220 to 240 Vac ±10% 50/60Hz. 120 Amp Product requirement.
9	XXX	Special Options.