

## 9-1 Technical Specifications

# Technical Specifications

## Understanding the Product Code

### Model Number (Europe)

The unit is fully identified using a nine block alphanumeric code which records how the drive was calibrated, and its various settings when despatched from the factory.

The Product Code appears as the “Model No.” on the product rating label. Each block of the Product Code is identified as below:

650/003/230/F/00/DISP/UK/0/0  
 Block 1 2 3 4 5 6 7 8 9  
*example product code*

Frame 1, 2, 3 – Model Number (Europe)		
Block No.	Variable	Description
1	650	Generic Volts/Hertz product
2	XXX	Three numbers specifying the power output: 002 = 0.25kW      011 = 1.1kW      040 = 4.0kW 003 = 0.37kW      015 = 1.5kW      055 = 5.5kW 005 = 0.55kW      022 = 2.2kW      075 = 7.5kW 007 = 0.75kW      030 = 3.0kW
3	XXX	Three numbers specifying the nominal input voltage rating: 230 = 220 to 240V (±10%) 50/60Hz 400 = 380 to 460V (±10%) 50/60Hz
4	X	One character specifying the use of the Internal RFI Filter: 0 = Not fitted F = Internal Supply Filter fitted: Class A - 400V product Class B - 230V product
5	XX	Two digits specifying the livery: 00 = Standard Eurotherm Drives Livery 05 = Distributor Livery (01-04, 06-99 – Defined customer liveries)
6	XXXXX	Characters specifying the use of the Keypad: 0 = Not fitted DISP = TTL Keypad fitted DISPR = RS232 Keypad fitted (remote mountable). Block 8 must = RS0 with this selection.
7	XX	Two Characters specifying the user labelling language: FR    French (50Hz)                      UK    English (50Hz ) GR    German (50Hz)                      US    English (60Hz) IT    Italian (50Hz) SP    Spanish (50Hz) (figures in brackets are the drive’s default base frequency setting, <sup>P7</sup> )

Frame 1, 2, 3 – Model Number (Europe)		
Block No.	Variable	Description
8	XXX	Characters specifying the RS232 (P3) port fitting:  0 = No RS232 port (drive uses TTL Keypad) RS0 = RS232 port (drive uses RS232 Keypad)
9	XXX	Numbers specifying any special option:  0 = Standard Product 001-999 = special option fitted

### Catalog Number (North America)

The unit is identified using a 4 block alphanumeric code which records how the drive was calibrated, and its various settings when dispatched from the factory.

The Product Code appears as the “Cat No.”. Each block of the Product Code is identified as below:

650/00F3/230/F  
*Block*    1    2    3    4  
**example product code**

Products with TTL Keypad		
Frame 1, 2, 3 – Catalog Number (North America)		
Block No.	Variable	Description
1	650	Generic product
2	XXXX	Four characters specifying the power output in Hp:  00F3 = 0.3Hp      01F5 = 1.5Hp      0005 = 5Hp 00F5 = 0.5Hp      0002 = 2Hp      0007 = 7Hp 00F7 = 0.75Hp      0003 = 3Hp      0010 = 10Hp 0001 = 1Hp
3	XXX	Three numbers specifying the nominal input voltage rating:  230    230 (±10%) 50/60Hz 460    380 to 460V (±10%) 50/60Hz
4	X	One character specifying the use of the Internal RFI Filter:  0 = Not fitted F = Internal Supply Filter fitted: Class A - 400V product Class B - 230V product