Motor selection and order number structure · 16 digits

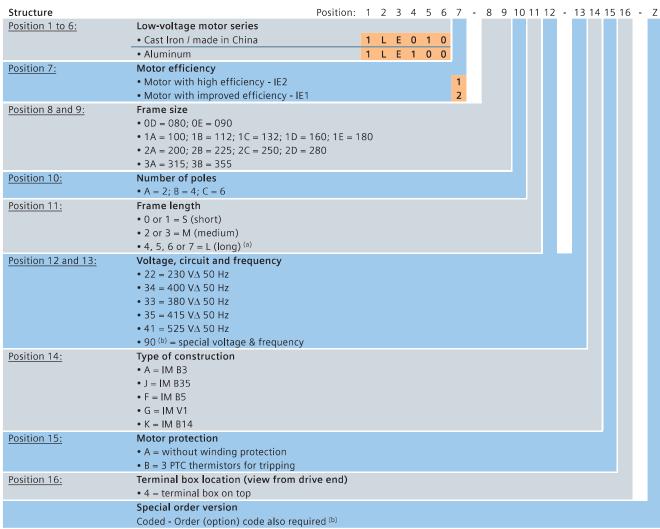
Overview

The order number consists of a combination of figures and letters and is divided into three blocks linked with hyphens for a better overview.

The first block (Position 1 to 7) identifies the motor type and efficiency level; the second block (Position 8 to 12)

defines the motor frame size and length, the number of poles and in some cases the frequency/output; and in the third block (Position 13 to 16) the frequency/output, type of construction and other design features are encoded.

Structure of Order No. (1LE0 and 1LE10 series)



⁽a) For 1LEO FS315 and 355 motors, digit 4 still stands for Medium (M).

Ordering example

Selection criteria	Requirement	Structure of the Order No.
Motor type	Cast Iron motor with IP55 degree of protection	1LE010
Efficiency	High efficiency IE2	1LE0101-
Motor frame size / No. of poles / Speed	160 / 4-pole / 1500 rpm	1LE0101-1DB2
Rated output	11 kW	
Voltage and frequency	400 V, 50 Hz	1LE0101-1DB23-4
Type of construction	IM B3	1LE0101-1DB23-4A■■
Motor protection	3 PTC thermistors	1LE0101-1DB23-4AB■
Mechanical design	Terminal box on top	1LE0101-1DB23-4AB4
Special versions	Anti-condensation heating for 230 V	1LE0101-1DB23-4AB4-Z Q02

⁽b) For deviations in the second and third block from the catalog codes, either –Z or 90 should be used as appropriate, e.g. 1LE0101-1DB23-4AB4-Z Z=B02; or 1LE0101-1DB29-0AB4-Z Z=L1R.