Starting current intensity

This is the sum of the current intensities consumed temporarily by these same three movements under the following conditions:

- starting current intensity of the mechanism with the highest current consumption (in general: the hoisting winch),
- nominal current intensity of the other two mechanisms.

Note
The starting current intensity value makes it possible to determine the length of the crane power supply cable.

Crane power and current intensity values

Note
The "Power control" function makes it possible to limit the power required by the machine by reducing movement speed when hoisting a load.

Supply voltage	Supply frequency	Hoisting winch	Required power	Nominal intensity	Starting current intensity
400 V	**50 Hz**	**Treuil levage 50LVF25 OPTIMA**	38 kV·A to 58 kV·A	105 A	127 A
480 V	**60 Hz**	**Treuil levage 50LVF25 OPTIMA**	38 kV·A to 58 kV·A	88 A	106 A

4.23.6 Connecting the motors

Before connecting the crane or when replacing a motor, check the connection in the terminal boxes.

Identification of the motors

On the type plate are indicated the supply voltage, the frequency of this voltage followed by the sign for star or delta connection depending on the connection to be carried out for this voltage, or there are 2 voltages indicated, of which the lowest corresponds to the delta connection.