

câblage virtuel d'un moteur asynchrone

Nommer et identifier les différents composants sur le schéma et la platine en français ET en anglais

Câble alimentation – Power cable

The image displays a virtual wiring diagram of an asynchronous motor, a physical PCB layout, and a vertical stack of terminal blocks. A blue circle highlights the power cable connection points (XI-1, XI-2, XI-3) in the diagram and the corresponding terminals (X1-1 to X1-8) on the PCB.

Diagram Components:

- Power Supply:** 400 V, 24 V, 400 V, 4 kW, 8,1 A.
- Motor (M1):** 400 V, 4 kW, 8,1 A.
- Control Elements:** Q1, Q2, Q3, S1, S2, S3, F1, F2, F3, KM1, HI.
- Wiring:** X1-1, X1-2, X1-3, X1-4, X1-5, X1-6, X1-7, X1-8, X2-1, X2-2, X2-3, X2-4, X2-5, X2-6, X2-7, X2-8.

PCB Components:

- Terminal Blocks:** X1, X2, X3, X4, X5, X6, X7, X8.
- Relays/Contactors:** KM1, KM2, KM3.
- Switches:** S1, S2, S3.
- Fuses:** F1, F2, F3.
- Indicator Lamp:** HI.

Terminal Block Stack:

- Terminal 1: Red push-button.
- Terminal 2: Green push-button.
- Terminal 3: Red push-button.
- Terminal 4: Red push-button.