



The diagram illustrates a motor control system with the following components and connections:

- Szafa SZS (Control Cabinet):**
  - Input: 230VAC 4P supply entering through a switch (K6) and a fuse (F6).
  - Terminal Block (X1): Terminals 18 and 19 are connected to the motor's NO and L terminals.
  - Terminal Block (X1): Terminals 17, N, and PE are connected to the motor's N and E terminals.
  - Cable: YKSY 7x1,5mm² connects the terminal blocks.
- SP2 (Power Supply):**
  - Motor (LS6): Connected to the terminal block in the Szafa SZS section.
- Obiekt (Object):**
  - Cable: kabel ekranowany (shielded cable) connects the motor to a terminal block.
  - Dimension: 1m distance between the motor and the terminal block.