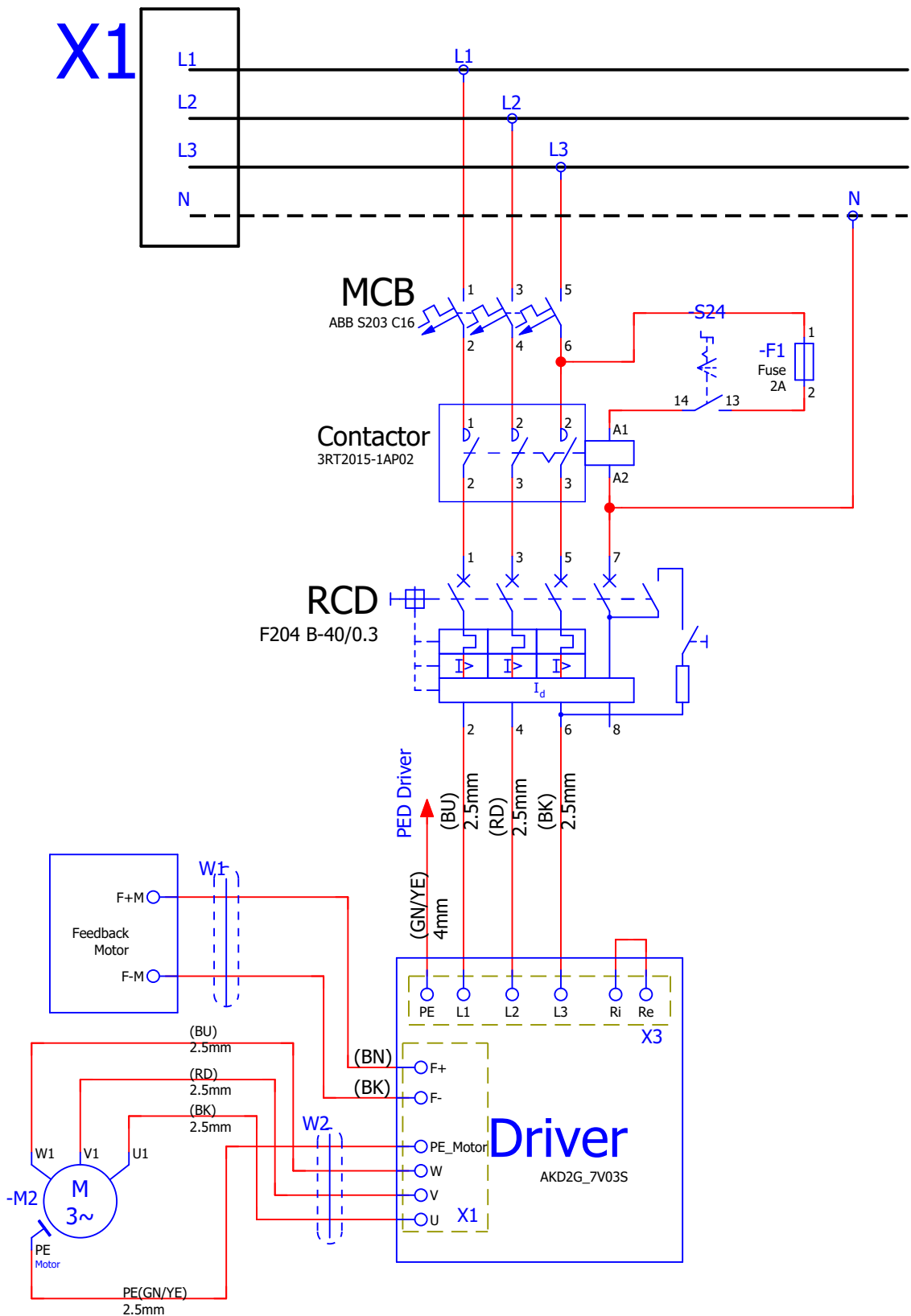


X1



Technical specifications for project wiring

Category 1: Power (phase and neutral)

Cross-sectional area range: 1.5 to 2.5 mm² (according to IEC 60228 for stranded copper conductors)

Connection type: Plastic-coated terminals (insulated terminals) according to DIN 46228-4

Application: Transmission of main electrical energy to electrical consumers (contactors, main motors, distribution terminals, etc.)

Category 2: Signal and sensor wires

Cross-sectional area range: 0.64 to 1 mm² (according to IEC 60228 for stranded copper conductors)

Connection type: Plastic-coated terminals (insulated terminals)

According to DIN 46228-4

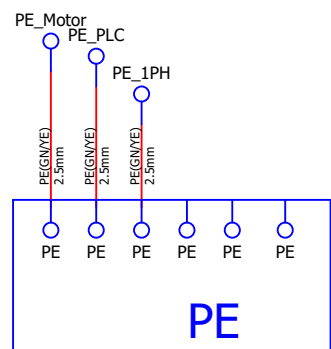
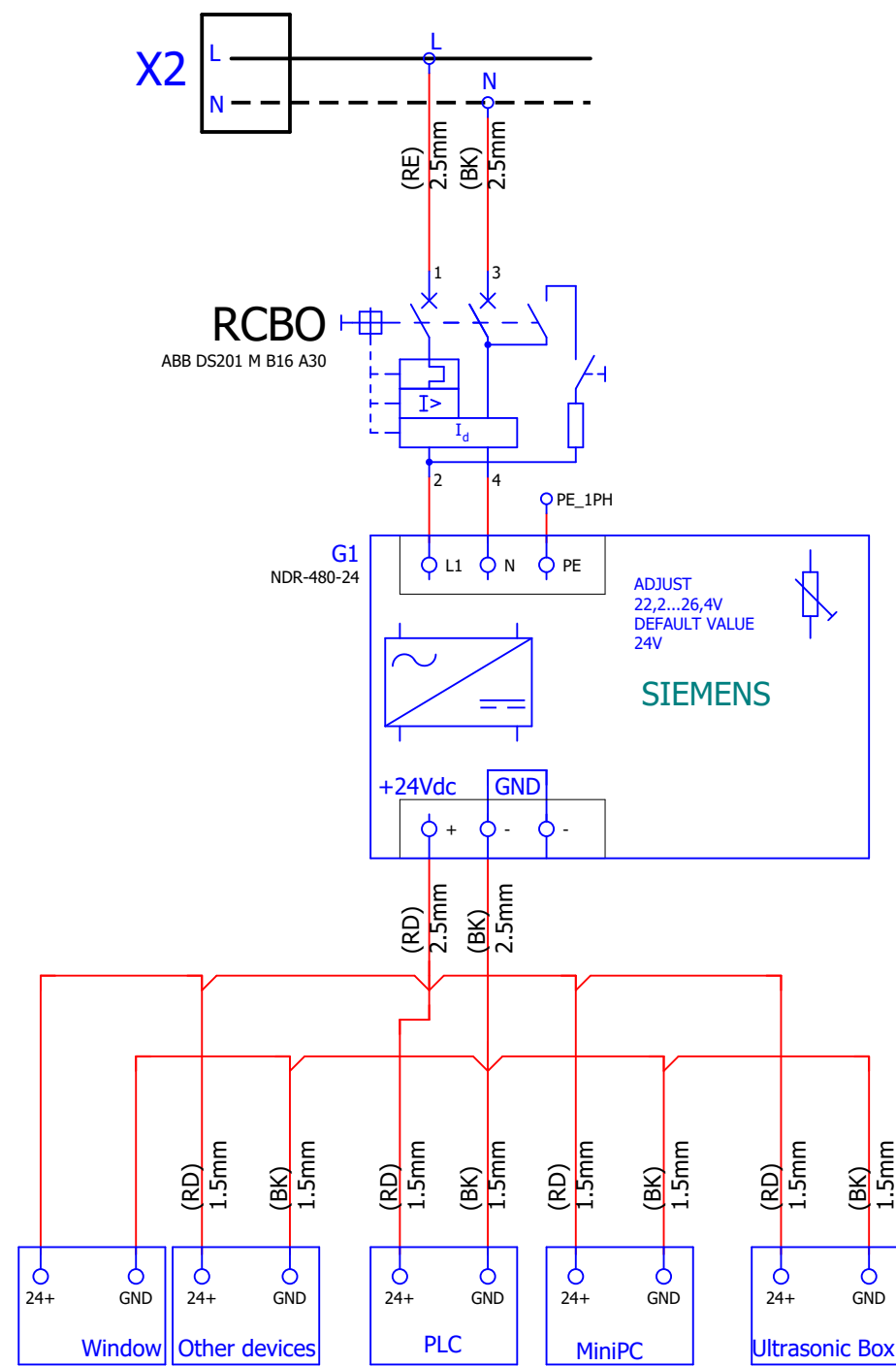
Application: Transmission of control and feedback signals (including sensors, limit switches, microswitches, etc.)

Additional technical notes:

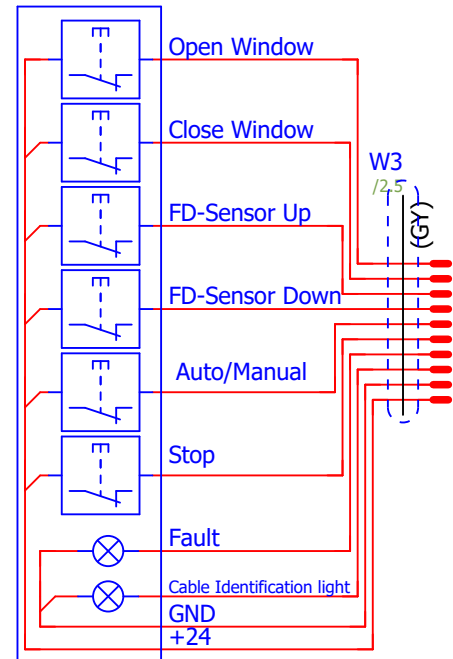
All wires Single core insulated strands are suitable for voltages of 400/230 V and frequencies of 50 Hz.

All terminations at the terminals are made using plastic rings (insulating rings), which not only prevent the conductor strands from loosening, but also provide additional insulation at the connection point.

All cross-sectional area values (wire diameters) specified in this drawing are in accordance with the above specifications and are accurately entered at the relevant locations (connection points).



Control box



Signal Box

