

The diagram illustrates a power distribution system for a building, organized into several functional areas:

- Power Source and Distribution:** The system is fed by a main supply (SZR-100) through a switch (SA 80) and a circuit breaker (SZR). The supply is divided into two main branches: Z2 (ZASILANIE REZERWOWE) and Z1 (ZASILANIE PODSTAWOWE).
- Protection and Control:** A main switch (WYL. ADM. DILOS 160A) is located in the Z1 branch. A circuit breaker (DPX-H 630 400-3P 70kA +wyzw. nap.) is also present in the Z1 branch. A fuse (V275 Schrack) is used for protection.
- Wiring and Cables:** Various cable types and sizes are specified, including YDY 2x1,5mm2, YDY 2x2,5mm2, YDY 2x3,5mm2, YDY 2x5mm2, YDY 2x16mm2, YDY 2x25mm2, YDY 2x35mm2, YDY 2x50mm2, YDY 2x70mm2, YDY 2x95mm2, YDY 2x120mm2, YDY 2x150mm2, YDY 2x185mm2, YDY 2x240mm2, YDY 2x300mm2, YDY 2x350mm2, YDY 2x400mm2, YDY 2x500mm2, YDY 2x630mm2, YDY 2x800mm2, YDY 2x1000mm2, YDY 2x1250mm2, YDY 2x1600mm2, YDY 2x2000mm2, YDY 2x2500mm2, YDY 2x3150mm2, YDY 2x4000mm2, YDY 2x5000mm2, YDY 2x6300mm2, YDY 2x8000mm2, YDY 2x10000mm2, YDY 2x12500mm2, YDY 2x16000mm2, YDY 2x20000mm2, YDY 2x25000mm2, YDY 2x31500mm2, YDY 2x40000mm2, YDY 2x50000mm2, YDY 2x63000mm2, YDY 2x80000mm2, YDY 2x100000mm2, YDY 2x125000mm2, YDY 2x160000mm2, YDY 2x200000mm2, YDY 2x250000mm2, YDY 2x315000mm2, YDY 2x400000mm2, YDY 2x500000mm2, YDY 2x630000mm2, YDY 2x800000mm2, YDY 2x1000000mm2, YDY 2x1250000mm2, YDY 2x1600000mm2, YDY 2x2000000mm2, YDY 2x2500000mm2, YDY 2x3150000mm2, YDY 2x4000000mm2, YDY 2x5000000mm2, YDY 2x6300000mm2, YDY 2x8000000mm2, YDY 2x10000000mm2, YDY 2x12500000mm2, YDY 2x16000000mm2, YDY 2x20000000mm2, YDY 2x25000000mm2, YDY 2x31500000mm2, YDY 2x40000000mm2, YDY 2x50000000mm2, YDY 2x63000000mm2, YDY 2x80000000mm2, YDY 2x100000000mm2, YDY 2x125000000mm2, YDY 2x160000000mm2, YDY 2x200000000mm2, YDY 2x250000000mm2, YDY 2x315000000mm2, YDY 2x400000000mm2, YDY 2x500000000mm2, YDY 2x630000000mm2, YDY 2x800000000mm2, YDY 2x1000000000mm2, YDY 2x1250000000mm2, YDY 2x1600000000mm2, YDY 2x2000000000mm2, YDY 2x2500000000mm2, YDY 2x3150000000mm2, YDY 2x4000000000mm2, YDY 2x5000000000mm2, YDY 2x6300000000mm2, YDY 2x8000000000mm2, YDY 2x10000000000mm2, YDY 2x12500000000mm2, YDY 2x16000000000mm2, YDY 2x20000000000mm2, YDY 2x25000000000mm2, YDY 2x31500000000mm2, YDY 2x40000000000mm2, YDY 2x50000000000mm2, YDY 2x63000000000mm2, YDY 2x80000000000mm2, YDY 2x100000000000mm2, YDY 2x125000000000mm2, YDY 2x160000000000mm2, YDY 2x200000000000mm2, YDY 2x250000000000mm2, YDY 2x315000000000mm2, YDY 2x400000000000mm2, YDY 2x500000000000mm2, YDY 2x630000000000mm2, YDY 2x800000000000mm2, YDY 2x1000000000000mm2, YDY 2x1250000000000mm2, YDY 2x1600000000000mm2, YDY 2x2000000000000mm2, YDY 2x2500000000000mm2, YDY 2x3150000000000mm2, YDY 2x4000000000000mm2, YDY 2x5000000000000mm2, YDY 2x6300000000000mm2, YDY 2x8000000000000mm2, YDY 2x10000000000000mm2, YDY 2x12500000000000mm2, YDY 2x16000000000000mm2, YDY 2x20000000000000mm2, YDY 2x25000000000000mm2, YDY 2x31500000000000mm2, YDY 2x40000000000000mm2, YDY 2x50000000000000mm2, YDY 2x63000000000000mm2, YDY 2x80000000000000mm2, YDY 2x100000000000000mm2, YDY 2x125000000000000mm2, YDY 2x160000000000000mm2, YDY 2x200000000000000mm2, YDY 2x250000000000000mm2, YDY 2x315000000000000mm2, YDY 2x400000000000000mm2, YDY 2x500000000000000mm2, YDY 2x630000000000000mm2, YDY 2x800000000000000mm2, YDY 2x1000000000000000mm2, YDY 2x1250000000000000mm2, YDY 2x1600000000000000mm2, YDY 2x2000000000000000mm2, YDY 2x2500000000000000mm2, YDY 2x3150000000000000mm2, YDY 2x4000000000000000mm2, YDY 2x5000000000000000mm2, YDY 2x6300000000000000mm2, YDY 2x8000000000000000mm2, YDY 2x10000000000000000mm2, YDY 2x12500000000000000mm2, YDY 2x16000000000000000mm2, YDY 2x20000000000000000mm2, YDY 2x25000000000000000mm2, YDY 2x31500000000000000mm2, YDY 2x40000000000000000mm2, YDY 2x50000000000000000mm2, YDY 2x63000000000000000mm2, YDY 2x80000000000000000mm2, YDY 2x100000000000000000mm2, YDY 2x125000000000000000mm2, YDY 2x160000000000000000mm2, YDY 2x200000000000000000mm2, YDY 2x250000000000000000mm2, YDY 2x315000000000000000mm2, YDY 2x400000000000000000mm2, YDY 2x500000000000000000mm2, YDY 2x630000000000000000mm2, YDY 2x800000000000000000mm2, YDY 2x1000000000000000000mm2, YDY 2x1250000000000000000mm2, YDY 2x1600000000000000000mm2, YDY 2x2000000000000000000mm2, YDY 2x2500000000000000000mm2, YDY 2x3150000000000000000mm2, YDY 2x4000000000000000000mm2, YDY 2x5000000000000000000mm2, YDY 2x6300000000000000000mm2, YDY 2x8000000000000000000mm2, YDY 2x10000000000000000000mm2, YDY 2x12500000000000000000mm2, YDY 2x16000000000000000000mm2, YDY 2x20000000000000000000mm2, YDY 2x25000000000000000000mm2, YDY 2x31500000000000000000mm2, YDY 2x40000000000000000000mm2, YDY 2x50000000000000000000mm2, YDY 2x63000000000000000000mm2, YDY 2x80000000000000000000mm2, YDY 2x100000000000000000000mm2, YDY 2x125000000000000000000mm2, YDY 2x160000000000000000000mm2, YDY 2x200000000000000000000mm2, YDY 2x250000000000000000000mm2, YDY 2x315000000000000000000mm2, YDY 2x400000000000000000000mm2, YDY 2x500000000000000000000mm2, YDY 2