

LV and HV Single-Pole Resistors

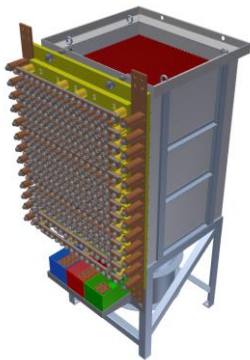
Resistor is a passive element incorporated in a LV or HV (MV) circuit, which is used as a damping component acting against the effects of shock currents, to control the start-up or braking of electric motors, and to provide for governing the speed of electric motors. We deliver bespoke resistors with parameters meeting the customer-specific requirements, with optional accessories such as the switching devices (switch disconnectors, changeover switching devices), distribution switchboards, interconnecting cables etc.

We are able to deliver resistors in the following configuration:

- auxiliary resistors for connection to quenching chokes
- starter and braking resistors
- earthing resistors
- loading resistors
- resistors for use in railway traction systems

The resistors are specified by the following main parameters:

- electric resistance value
- electric loading capacity
- tolerance of the resistance value



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|---------------------------------|------------------------|
| - Highest service voltage | up to 1000 V |
| - Rated resistance | μOhm to Ohm |
| - Tolerance of rated resistance | $\pm 5\%$ |
| - Current-carrying capacity | mA to kA |
| - Cooling | natural/forced |
| - IP Protection degree | as required |

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| - Insulation voltage against the earth | 1 kV to 40 kV |
| - Single-pole resistance at 20°C | μOhm to Ohm |
| - Tolerance of rated resistance | $\pm 5\%$ |
| - Cooling | natural/forced |
| - IP Protection degree | as required |

