

## Technical specifications

<b>Transformers</b>	Type	<b>4AT</b>
<ul style="list-style-type: none"><li>Version</li><li>Performance range (with IP00)</li></ul>	kVA	UI core > 2.5 ... 8
<b>Voltage range</b>	V	230
<b>Rated frequency</b>	Hz	50 ... 60
<b>Thermal class</b>		H
<b>Ambient conditions</b>		Protection against harmful ambient conditions: complete impregnation in polyester resin Climate-proof for installation in rooms with an external climate to DIN 50010
Rated ambient temperature		
<ul style="list-style-type: none"><li>At rated power</li></ul>	°C	55
<b>Relative air humidity</b>		
<ul style="list-style-type: none"><li>Mean value up to</li><li>Maximum value for 30 days/year</li><li>At 40 °C occasionally</li></ul>	%	80 95 100
<b>Safety class</b>		I
<b>Degree of protection</b>		
<ul style="list-style-type: none"><li>Without enclosure</li><li>With protective enclosure (acc. to "Selection and ordering data", see Catalog LV 1)</li><li>Version</li></ul>	IP00 IP23	IP23: sheet-steel enclosure coated with epoxy resin, color gray RAL 7032
<b>Installation height</b>		Up to 1000 m above sea level (above this, power reduction is necessary)
<b>Protective devices</b>		
<ul style="list-style-type: none"><li>Internal</li><li>External</li></ul>		With thermistor transformer protection for warning  The transformers have to be protected against short-circuits on the secondary side with circuit breakers (see "Selection and ordering data" in the Catalog LV 1). For reliable protection against short-circuits and touch, the cables between the output terminals of the transformer and the load must have a negligible line impedance. For more details see DIN VDE 0100 (Erection of low-voltage systems) Part 410, Part 520 (particularly section 525) and Part 610. Assigned protective devices (see "Selection and ordering data" in Catalog LV 1)
<b>Connection method</b>		The permissible conductor cross-sections are assigned to the specified terminal types.
<ul style="list-style-type: none"><li>Terminal arrangement</li></ul>		Refer to DIN VDE 0298-4 and EN 60204 (VDE 0113-1) for the permissible conductor cross-sections for the specified current acc. to the installation type. The terminals used are finger-safe acc. to DIN VDE 0106 Part 100.
<b>Mounting position</b>		Any position

Further technical specifications can be found on the Internet at <http://www.siemens.com/sirius-supplying>.