

Technical specifications

Transformers	Type	4AT
• Version		UI core
• Performance range (with IP00)	kVA	> 2.5 ... 8
Voltage range	V	230
Rated frequency	Hz	50 ... 60
Thermal class		H
Ambient conditions		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		
• At rated power	°C	55
Relative air humidity		
• Mean value up to	%	80
• Maximum value for 30 days/year	%	95
• At 40 °C occasionally	%	100
Safety class		I
Degree of protection		
• Without enclosure		IP00
• With protective enclosure (according to "Selection and Ordering Data", see Catalog LV 1)		IP23
• Version		IP23: sheet-steel enclosure coated with epoxy resin, color gray RAL 7032
Installation height		Up to 1000 m above sea level (above this, power reduction is necessary)
Protective devices		
• Internal		With thermistor transformer protection for warning
• External		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. Specified protective devices (see "Selection and Ordering Data" in Catalog LV 1)
Connection method		The permissible conductor cross-sections are assigned to the specified terminal types.
• Terminal arrangement		Refer to DIN VDE 0298-4 and EN 60204 (VDE 0113-1) for the permissible conductor cross-sections for the specified current according to the installation type.
Mounting position		Any position

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