

Three phase autotransformers for country specific voltages

The company HEOL develops in close cooperation with the customers customized solutions. The quality goods are manufactured according to the current standards and customer requirements in Germany. The latest development tools, manufacturing and testing components guarantee the highest quality. Worldwide there are many different voltages. Machines and systems are designed for a specific voltage. A three phase autotransformer serves a designed for 3 x 400 V / 50-60 Hz machine or system to operate worldwide at different voltages.



	100V 200V	120V 208V	127V 220V	120V 240V	220V 380V	230V 400V	240V 415V	460V	480V	575V	690V
Australia							x				
Brazil*			x		x						
China			x		x						
Dubai					x						
Former USSR **						x					x
Europe ***						x					
India*					x	x	x				
Japan	x										
Canada*				x				x		x	
Mexico			x								
Pakistan						x					
USA*		x		x					x		
Saudi- Arabia			x								
South Korea					x						
Thailand					x						
V.Arabische Emirates*					x		x				
Cyprus							x				

- * Several voltages by territory possible
 - ** Industrial networks 690 V
 - *** Industrial networks 500 V / 660 V / 690 V possible
- Specifications without guarantee!

Type designation: Three phase autotransformer
 Type: DATO
 Item number:

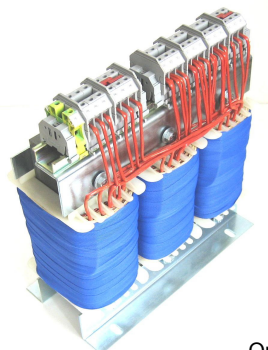
Standard: according to VDE 0570 part 2-13, EN 61558-2-13
 Version: Autotransformer without safe galvanic isolation, stationary
 Construction: open type, varnished impregnation
 Short circuit strength: non short circuit proof
 Max. ambient temperature: + 40°C
 Insulation class: B optional F
 Protection index: IP 00
 Safety class: 1
 Connection input / output: Screw-type terminals, optional flat copper connection or strands
 Vector group: YNa0
 Star connection with lead out neutral conductor.
 Star point can be charged with max. 10% of the phase current.
 If the neutral wire is on the input side connected, the unbalanced load can be exceed up to 100% of the rated current.

Power: 1 - 250 kVA
 Input voltage : customized 3x
 200 V / 208 V / 220 V / 230 V / 240 V / 380 V / 415 V / 440 V / 460 V
 480 V / 500 V / 575 V / 600 V / 690 V
 Taps input: optional +/- 5% for voltage matching
 Output voltage: 3x 400 V
 Frequency: 50-60 Hz

Application: The three phase autotransformer is used for worldwide voltage adjustment for machines or systems without galvanic isolation of the input and output sides.

Optional on request: customized input- output voltage up to 1000 V,
 Powerautotransformers up to 1000 kVA according to EN 60076-1,
 connections, enclosures, protection index

Power [kVA]			
1	10	30	120
2,5	12,5	50	160
5	16	70	200
8	20	90	250



Subjects to change!
 Original may differ from photo