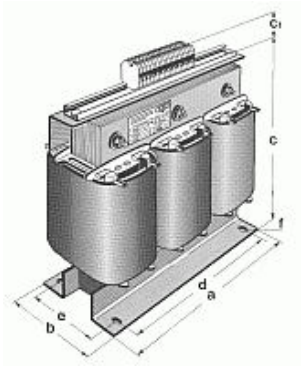
Type code:
- DATS: Three-phase starting transformers / 3UI-core / vertical

Generally:
- Auto transformer: transformer, where input and output voltages are discharged by one common winding.
- Starting voltage 70 % of nominal voltage
- Response time max. 10 seconds
- up to 5 start-ups per hour
- Star-economy-connection wit open brought out neutral point (IIIiii0)
- with wrapped PTC thermistors
- Degree of protection IP00 (suitable for installation in enclosures up to IP20)
- Ground connection as preparation for fitting in gears and systems of class of protection I
- Dimensioning for pollution severity P2
- maximum ambient temperature 40°C / Insulation class F
- Frequency 50 to 60 Hz
- Vacuum-resin-impregnated
- Connections on transformer terminals - shockproof according to VBG4

Standards and basics:
- VDE0570-1 (EN61558-1 / IEC61558-1) – follow-up standard for VDE0550-1
„Safety of transformers, power packs and the like“
- VDE0570-2-13 (EN61558-2-13 / IEC61558-2-13) – follow-up standard for VDE0550-4
„Particular requirements for auto transformers for general use“
- General technical conditions and information



Nominal powers, connected load, dimensions and weights

Nominal power in kVA	Motor output in kVA	a in mm	b in mm	c in mm	d in mm	e in mm	f in mm	Cu.-weight in kg	total weight in kg
0,75	5,5	190	105	155	170	80	8	4,5	10,0
1,0	7,5	230	125	195	180	100	8	5,0	13,0
1,5	11,0	240	135	205	190	107	11	7,0	18,0
2,0	15,0	240	155	205	190	127	11	8,5	25,0
2,5	18,5	265	155	225	215	128	11	10,0	27,0
3,0	22,0	300	155	255	240	122	11	11,0	29,0
4,0	30,0	300	180	255	240	147	11	13,0	39,0
5,0	37,0	360	165	305	310	127	11	15,0	47,0

6,3	45,0	360	180	305	310	142	11	19,0	62,0
7,5	55,0	360	195	305	310	157	11	25,0	68,0
10,0	75,0	420	195	355	370	153	11	30,0	89,0
12,5	90,0	420	210	355	370	168	11	43,0	110,0
Dimension c1 = 60 - 100 mm									

Options (on inquiry)
- Installation in enclosure

- Starting transformer for other start-up conditions
(for this please give the following values):

- nominal voltage - nominal frequency
- starting voltage - inrush overcurrent factor
- wished overcurrent factor - motor output
- cosφ - motor nominal current
- response time - start-ups per hour