



THREE-PHASE DRY TYPE SEPARATION TRANSFORMERS TYPE TTPXXXVT



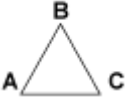
- ✓ Natural cooling in air type AN, suitable for indoor installation.
- ✓ Aluminium windings
- ✓ M235-35A low-loss magnetic sheet metal core
- ✓ Vacuum resin-impregnated windings

ELECTRICAL SPECIFICATION

Rated power:	from 100kVA to 1600kVA
Primary voltage	400V (opt. from 110V to 950Vac)
Secondary voltage	400V+N (opt. from 110V to 950Vac)
Frequency:	50 Hz (60Hz on request)
Standard connection	DELTA/star + N (different connections available on req.)
Vector Group	Dyn11 (different connections available on req.)
Primary/Secondary withstand AC	3 kV
Insulation Class	H
Ambient temperature	-5°C ~ +40°C
Max temperature rise	125°C
Noise Emission	< 75 dB (A)
Relative humidity (without condensation)	50% ~ 95%
Altitude over 1500m	0
Protection to EN60529	IP00
Isolation class	I
Fire Behaviour HD464	F0
Climatic withstand HD464	C1
Environment class HD464	E0
Applied standards:	CEI EN 60076-1

MECHANICAL SPECIFICATION

Lifting lugs	YES
Rating plate	YES
Earth bolt	YES

COLL.	Pri	Sec	Pri	sec
Dyn11 (YNd11)				

Other connection groups available on request: Dd0 – Yy0 – Dz0 – Dd6 – Yy6 – Dz6 – Dy5 – Yd5 – Yz5 – Yz11

OPTIONS AVAILABLE ON REQUEST

- **Voltage adjustment taps $\pm 2 \times 2.5\%$**

Technical data and images may be subject to a change without notice

THREE-PHASE DRY TYPE SEPARATION TRANSFORMERS TTPXXXVT SERIES

ELECTRICAL DATA

Power KVA	Mode TTP XXX VT	PRI	PRI A	SEC V no load	SEC A	SCV % 115°C	Xi	Inrush A k x iN	Winding losses W	core losses W	EFF. %	No load curr. A
100	807	400	144	400	144	2.6	2	8	1991	721	97.3	15.3
125	812	400	180	412	180	3.6	2.7	6	2886	729	97.2	6.6
160	819	400	231	411	231	3.6	2.8	5	3303	922	97.4	6.6
200	827	400	289	411	289	4.8	4.2	4	3714	972	97.7	5.8
250	831	400	361	405	361	5.6	5.3	3	3845	1129	98.1	5.6
315	836	400	455	404	455	4.7	4.3	4	5316	1395	97.9	4.9
400	843	400	577	406	577	4.9	4.6	4	6451	1634	98.1	4.6
500	851	400	722	412	722	5.4	5.2	4	8179	2088	98.0	4.4
630	861	400	909	411	909	5.7	5.5	4	8965	2446	98.2	4.1
800	875	400	1155	406	1155	4.9	4.7	4	11267	3076	98.2	3.8
1000	891	400	1443	416	1443	5.2	5	4	12197	3746	98.4	3.8
1250	896	400	1804	409	1804	5.6	5.5	3	12628	4471	98.6	3.8
1600	903	400	2309	416	2309	7.3	7.2	3	15398	5060	98.7	3.4

MECHANICAL DATA

power KVA	model TTP XXX VT	W Mm	D Mm	H mm	FIXING WXD mm	HOLE SIZE	Kg WINDING	kg CORE	kg TOTAL	IP21 ENCLOSURE SIZE mm	IP21 kg TOT.
100	807	585	420	615	500X250	D12	46	282	380	960X820X925	440
125	812	630	465	590	550X425	D14	61	285	400	960X820X925	460
160	819	690	475	640	550X425	D14	70	361	502	960X820X925	562
200	827	750	510	640	650X425	D14	108	381	576	960X820X925	627
250	831	820	550	640	650X500	D14	148	442	682	1140X870X1055	754
315	836	850	560	780	750X500	D14	140	540	800	1140X870X1055	872
400	843	850	640	780	750X550	D14	171	639	936	1200X970X1175	1024
500	851	900	620	880	800X550	D14	180	817	1150	1200X970X1175	1235
630	861	930	680	880	850X600	D14	229	957	1365	1350X1200X1350	1490
800	875	1020	650	1040	850X550	D14	237	1204	1658	1500X1500X1500	1809
1000	891	1030	680	1080	900X600	D14	299	1466	2032	1500X1500X1900	2182
1250	896	1250	700	1120	1000X600	D14	349	1752	2455	1500X1500X1900	2605
1600	903	1300	820	1120	1100X700	D14	526	1980	2882	1500X1500X1900	3032

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