

- ALTITUDE MAX 1000M
- MAX.AMBIENT TEMP. 40 GRAD C
- TAPPINGS HV-SIDE
- STANDARD : IEC 60076-11
- REVISION NO

SPECIFICATION KP-2016-0413-C01

(P.F.=1.0, At 75°C, Based on AN)

Cast Resin Transformer

NO	ITEM	TR-1	TR-2	TR-3
1	Capacity (AN) (kVA)	400	630	800
2	Phase	3	3	3
3	Frequency (Hz)	50	50	50
4	Primary voltage (kV)	22	22	22
5	Secondary voltage (V)	400-231	400-231	400-231
6	Primary tap voltage (V)	F23100 - F22550 - R22000 - 21450 - 20900		
7	Connection	△-Y (Dyn11)	△-Y (Dyn11)	△-Y (Dyn11)
8	Efficiency 100% Road rate (%)	99.04	99.06	99.08
9	Conductor for winding Terminal's conductor for primary & secondary	Aluminium	Aluminium	Aluminium
		Copper	Copper	Copper
10	Impedance (%)	6.0±10%	6.0±10%	6.0±10%
11	No load losses (W)	1300	1700	2050
12	Load loss (at. 75 DEG) (W)	4600	6000	6500
13	Winding Temperature Rise (K)	i. HV	100	100
		ii. LV	100	100
14	Applied potential Test(1min) (KV)	i. HV	50	50
		ii. LV	3	3
15	Impluse Voltage (KV)	i. HV	125	125
		ii. LV	-	-
16	Insulation Class	i. HV	F	F
		ii. LV	F	F
17	Cooling method	AN/AF	AN/AF	AN/AF
18	Transformer Weight (kg)	1400	2000	2600
19	Transformer size (W x D x H) (mm)	1440 x 860 x 1450	1660 x 1000 x 1600	1680 x 1000 x 1650

Approved by K.J.Chun
Managing director of desing team

Reported by Y.S.Choi
Assistant director of design team