



PAUWELS TRAFOS

POWER TRANSFORMER

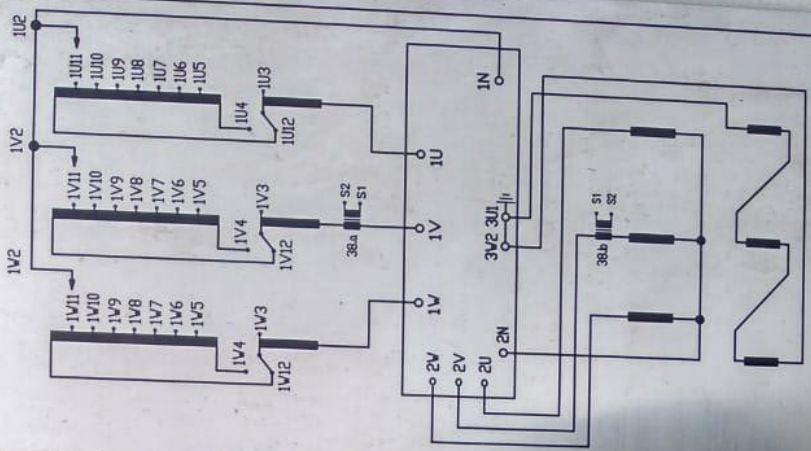
SERIAL NUMBER 3011150107
YEAR OF MANUFACTURE 2016
STANDARD IEC 60076
RATED POWER 36/60 MVA
EMERGENCY RATING 120°C HOT SPOT 90 MVA
COOLING ONAN/ONAF
MAXIMUM SEISMIC DISTURBANCE 0.25 g
FREQUENCY 50 Hz
PHASES 3
SHORT CIRCUIT CURRENT CAPACITY (2 Second) HV: 40 kA LV: 25 kA
NO LOAD LOSS @100% Ur 249.9 kVA
LOAD LOSS @TAP 9, 75°C 171.698 kVA
AMBIENT TEMP. REFERENCE 30°C
TEMP. RISE TOP OIL 50 K
BELOW 1000m AVERAGE WIND. 55 K
VACUUM TANK 0.133 kPa
WITHSTAND CONSERVATOR 0.133 kPa
CAPABILITY RADIATOR 0.133 kPa
TYPE OF OIL NYNAS NYTRO LIBRA (UNINHIBITED)
TOTAL OIL 116500 kg
UNTANKING 25200 kg
MASS 66000 kg

CONNECTION SYMBOL YNyn0+d
MAXIMUM ALTITUDE 1000 m
TAP CHANGER MR VV III 400Y-76kV-10193WR + ED100
Notice :
Overload capability at max. hot spot temp 120°C, ambient 30°C
60 MVA 90 MVA 120 MVA
0h 3 hour

Manufactured by PT CG Power Systems Indonesia

HIGH VOLTAGE-TERMINALS : IN-IU-1V-1W				
TAP	VOLT	AMPERE	MVA	CONNECTION TAP CHANGER
1	165000	209.9	60	2 - 12
2	163125	212.4	60	2 - 11
3	161250	214.8	60	2 - 10
4	159375	217.4	60	2 - 9
5	157500	219.9	60	2 - 8
6	155625	222.6	60	2 - 7
7	153750	225.3	60	2 - 6
8	151875	228.1	60	2 - 5
9A	150000	230.9	60	2 - 4
9B	150000	230.9	60	2 - 3
9C	150000	230.9	60	2 - 12
10	148125	233.9	60	2 - 11
11	146250	236.9	60	2 - 10
12	144375	239.9	60	2 - 9
13	142500	243.1	60	2 - 8
14	140625	246.3	60	2 - 7
15	138750	249.7	60	2 - 6
16	136875	253.1	60	2 - 5
17	135000	256.6	60	2 - 4
LOW VOLTAGE-TERMINALS : 2N-2U-2V-2W				
TAP	VOLT	AMPERE	MVA	
22000		1574.6	60	
TERTIARY-TERMINALS : 3U1-3W2				
VOLT	AMPERE	MVA		
10040		666.7V3	20	
SHORT CIRCUIT IMPEDANCE (%)				
TAP	VOLT	LV	MVA	
1	165000	22000	60	12.960
9	150000	22000	60	12.178
17	135000	22000	60	11.749

CT FOR VTI	
38a	350/2A, CL. 1 20 VA
38b	2100/2A, CL. 1 20 VA



1677/E0841/A 1677/E0841/B

