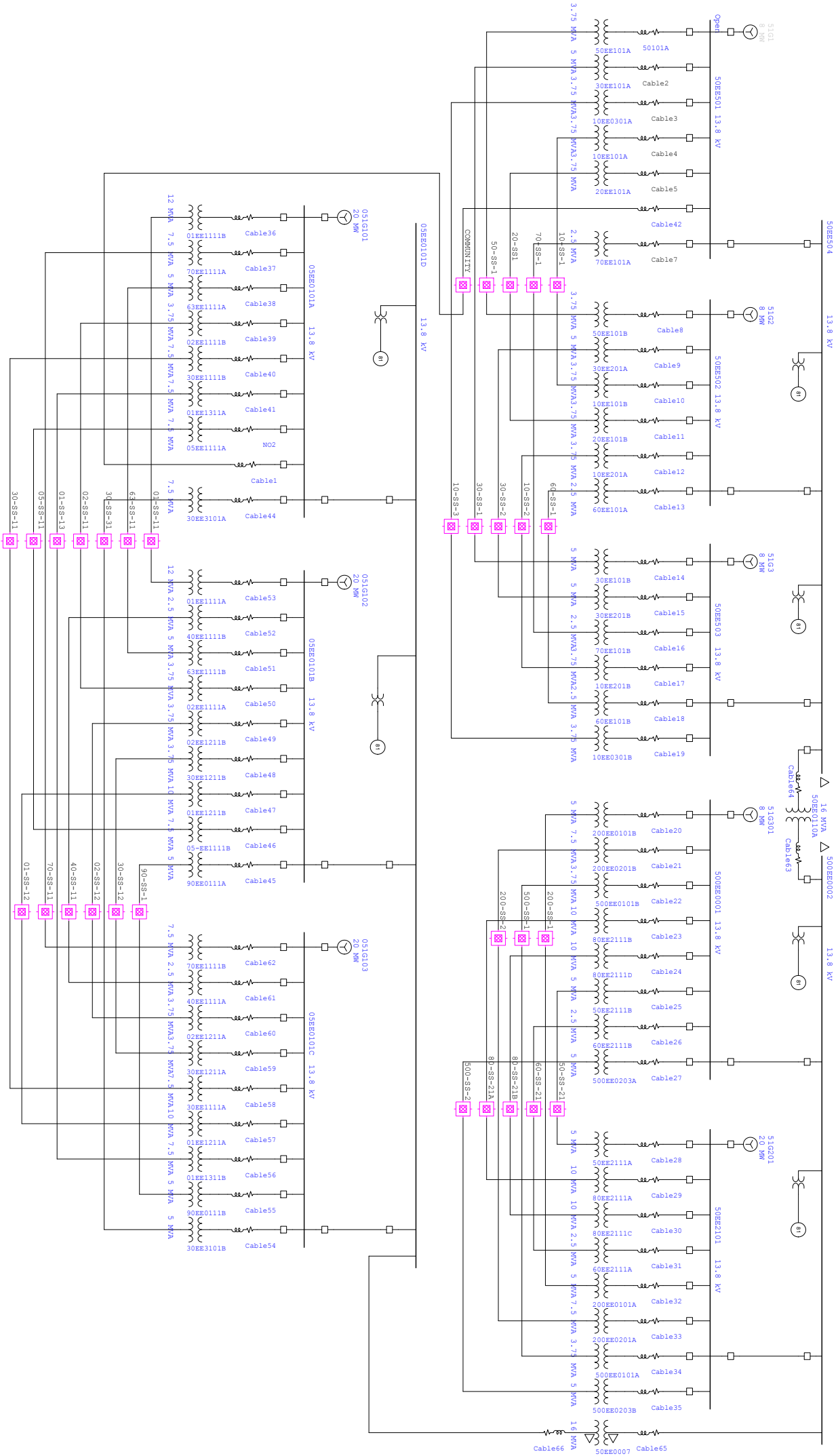


LAMPIRAN



Cable66 50EE007 Cable65

Nuovo Pignone

FIRENZE

We reserve all rights in this document and in the information contained therein. Reproduction, use or disclosure to third parties without express authority is strictly forbidden. © ABB

A. RATED DATA

at cooling water temperature max. 32 °C

Output	kVA : 10000
Power factor (overexcited)	: 0.80
Voltage	V (±5%) : 13800
Frequency	Hz (±2%) : 50
Speed	r/min : 1500
Current	A : 418
Exciter type	: GLB 600B
Excitation	V/A : 84 / 9

B. STANDARDS

Applicable standards	: IEC 34-1
Insulation class-stator and exciter	: F
Insulation class main rotor	: H
Temperature rise, stator within class	: B
Temperature rise, rotor within class	: B

C. OTHER PERFORMANCE DATA

Efficiency at P.F. 0.80 and 100 / 75 / 50 / 25 % load	% : 97.74 97.66 97.25 95.53
Efficiency at P.F. 1.00 and 100 / 75 / 50 / 25 % load	% : 98.33 98.26 97.92 96.51

Reactances:

- X _d	(±15%) % : 153
- X _d ['] unsat/sat	" % : 27.3 / 24.8
- X _d ["] unsat/sat	" % : 19.1 / 16.8
- X _p	" % : 6.5
- X ₂	" % : 22.0

Time constants:

- T _d [']	s : 0.65
- T _d ["]	s : 0.019
- T ₉₀ [']	s : 5.22
- T _a	s : 0.14

Excitation main machine:

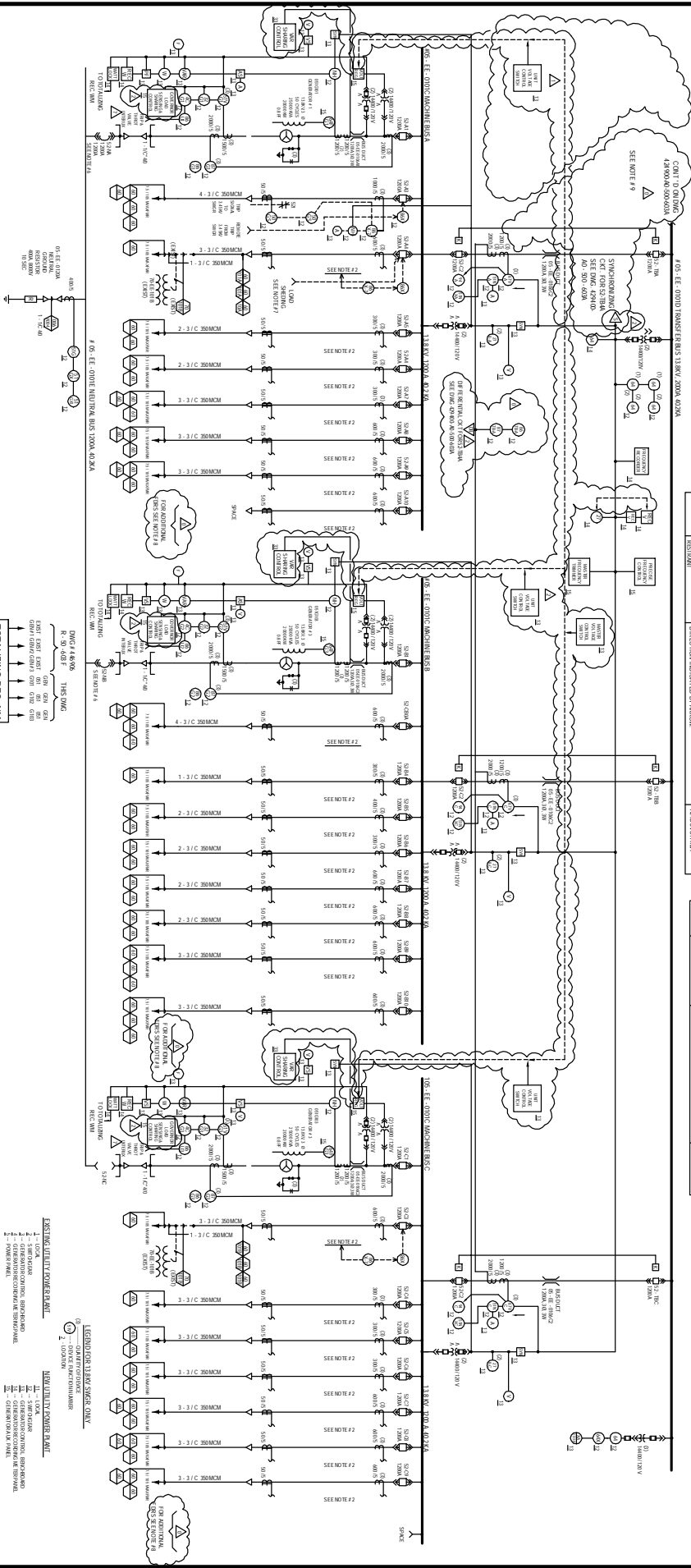
- voltage no load	V : 24
- voltage full load	V : 54
- current no load	A : 297
- current full load	A : 674

ABB	ABB Automation Technology Products	Document number	Lang.	Rev. Ind.	Sheet
		3BSY 200001-DGV	en		2

TEMPLATE: NORMAL.DOT; FILENAME: PERTAMPA-TS.DOC; PRINTDATE: 2002-09-20 14:50; SAVE DATE: 2002-09-20 13:57; OSKAR VERSION: 3.16 (2002-05-31)

		ITEM	
		N. SOK4407690/4	
REV	DESCRIZIONE - DESCRIPTION	LINGUA-LANG.	PAGINA-SHEET
		A	3 / 4
Il presente documento è di proprietà NUOVO PIGNONE . A termine di legge ogni diritto è riservato. This document is the property of NUOVO PIGNONE . All rights are reserved according to law.		SOSTITUISCE IL - REPLACES SOSTITUITO DA - REPLACED BY	

DRIVER	DESCRIPTION	FUNCTION	INST. MODEL
28 A/B/C	VOLTAGE RELAY	MONITORING/ALARM/SHUTDOWN OPERATION ON MACHINE BUS	TECHNICAL
27 A/B/C	VOLTAGE RELAY	START/STOP/RESTART OPERATION ON MACHINE BUS	TECHNICAL
26 A/B/C	VOLTAGE RELAY	START/STOP/RESTART OPERATION ON MACHINE BUS	TECHNICAL
25 A/B/C	VOLTAGE RELAY	START/STOP/RESTART OPERATION ON MACHINE BUS	TECHNICAL
24 A/B/C	VOLTAGE RELAY	START/STOP/RESTART OPERATION ON MACHINE BUS	TECHNICAL
23 A/B/C	VOLTAGE RELAY	START/STOP/RESTART OPERATION ON MACHINE BUS	TECHNICAL
22 A/B/C	VOLTAGE RELAY	START/STOP/RESTART OPERATION ON MACHINE BUS	TECHNICAL
21 A/B/C	VOLTAGE RELAY	START/STOP/RESTART OPERATION ON MACHINE BUS	TECHNICAL
20 A/B/C	VOLTAGE RELAY	START/STOP/RESTART OPERATION ON MACHINE BUS	TECHNICAL
19 A/B/C	VOLTAGE RELAY	START/STOP/RESTART OPERATION ON MACHINE BUS	TECHNICAL
18 A/B/C	VOLTAGE RELAY	START/STOP/RESTART OPERATION ON MACHINE BUS	TECHNICAL
17 A/B/C	VOLTAGE RELAY	START/STOP/RESTART OPERATION ON MACHINE BUS	TECHNICAL
16 A/B/C	VOLTAGE RELAY	START/STOP/RESTART OPERATION ON MACHINE BUS	TECHNICAL
15 A/B/C	VOLTAGE RELAY	START/STOP/RESTART OPERATION ON MACHINE BUS	TECHNICAL
14 A/B/C	VOLTAGE RELAY	START/STOP/RESTART OPERATION ON MACHINE BUS	TECHNICAL
13 A/B/C	VOLTAGE RELAY	START/STOP/RESTART OPERATION ON MACHINE BUS	TECHNICAL
12 A/B/C	VOLTAGE RELAY	START/STOP/RESTART OPERATION ON MACHINE BUS	TECHNICAL
11 A/B/C	VOLTAGE RELAY	START/STOP/RESTART OPERATION ON MACHINE BUS	TECHNICAL
10 A/B/C	VOLTAGE RELAY	START/STOP/RESTART OPERATION ON MACHINE BUS	TECHNICAL
9 A/B/C	VOLTAGE RELAY	START/STOP/RESTART OPERATION ON MACHINE BUS	TECHNICAL
8 A/B/C	VOLTAGE RELAY	START/STOP/RESTART OPERATION ON MACHINE BUS	TECHNICAL
7 A/B/C	VOLTAGE RELAY	START/STOP/RESTART OPERATION ON MACHINE BUS	TECHNICAL
6 A/B/C	VOLTAGE RELAY	START/STOP/RESTART OPERATION ON MACHINE BUS	TECHNICAL
5 A/B/C	VOLTAGE RELAY	START/STOP/RESTART OPERATION ON MACHINE BUS	TECHNICAL
4 A/B/C	VOLTAGE RELAY	START/STOP/RESTART OPERATION ON MACHINE BUS	TECHNICAL
3 A/B/C	VOLTAGE RELAY	START/STOP/RESTART OPERATION ON MACHINE BUS	TECHNICAL
2 A/B/C	VOLTAGE RELAY	START/STOP/RESTART OPERATION ON MACHINE BUS	TECHNICAL
1 A/B/C	VOLTAGE RELAY	START/STOP/RESTART OPERATION ON MACHINE BUS	TECHNICAL



FLUOR

1380V POWER PLANT GEN #101, 102 & 103
 CASCADIA REFINERY EXPANSION, MOOREHEAD, ALASKA

477804-40-005-603A

DESIGN CODE NO. 775000000

DESIGN CODE NO. 785

CABLE UNTUK GRIYA PATRA & RSPCS

Stranded Copper Conductor. XLPE Insulated, Copper tape Screened, Aluminium Corrugated-armoured, PVC Sheated.

SPECIFICATION : NEMA WC 7.
RATED VOLTAGE : 15.000 Volt
INSULATION LEVEL : 133%.

MR :

1.500 Meter Cable **CU/XLPE/ALCA/PVC, 3 Core, 50 mm², 15.000 Volt**
manufactured : **SUCACO.**

CABLE UNTUK GRIYA PATRA & RSPCS

Stranded Copper Conductor. XLPE Insulated, Copper tape Screened, Aluminium Corrugated-armoured, PVC Sheated.

SPECIFICATION : NEMA WC 7.
RATED VOLTAGE : 15.000 Volt
INSULATION LEVEL : 133%.

MR :

1.500 Meter Cable **CU/XLPE/ALCA/PVC, 3 Core, 50 mm², 15.000 Volt**
manufactured : **SUCACO.**

CABLE UNTUK GRIYA PATRA & RSPCS

Stranded Copper Conductor. XLPE Insulated, Copper tape Screened, Aluminium Corrugated-armoured, PVC Sheated.

SPECIFICATION : NEMA WC 7.
RATED VOLTAGE : 15.000 Volt
INSULATION LEVEL : 133%.

MR :

1.500 Meter Cable **CU/XLPE/ALCA/PVC, 3 Core, 50 mm², 15.000 Volt**
manufactured : **SUCACO.**

LOKASI SUBSTATION KILANG RU IV

