

IMPIANTO DI RETE PER LA CONNESSIONE PER UN LOTTO DI IMPIANTI DI PRODUZIONE DI ENERGIA DA FONTE SOLARE FOTOVOLTAICA PER UNA POTENZA IN IMMISSIONE DI 46.170 kW

COMUNE DI SEZZE (LT)

PROGETTO DEFINITIVO

Schema unifilare Linee MT

IDENTIFICAZIONE ELABORATO

Livello prog.	Codice GOAL	Tipo docum.	N° elaborato	N° foglio	Tot. fogli	NOME FILE	DATA	SCALA
PD	T0737281	05	05	01	12	05.05 Schema Unifilare Linee MT	28.04.2021	n.a.

REVISIONI

REV.	DATA	DESCRIZIONE	ESEGUITO	VERIFICATO	APPROVATO
	28.04.21	PRIMA EMISSIONE	STC	CALCARELLA	-

PROGETTAZIONE: **Studio Tecnico Calcarella**

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fabio.calcarella@ingpec.it

Dott. Ing. Fabio CALCARELLA

IL TECNICO



A handwritten signature in blue ink, appearing to read 'Fabio Calcarella'.

GESTORE RETE ELETTRICA

RICHIEDENTE

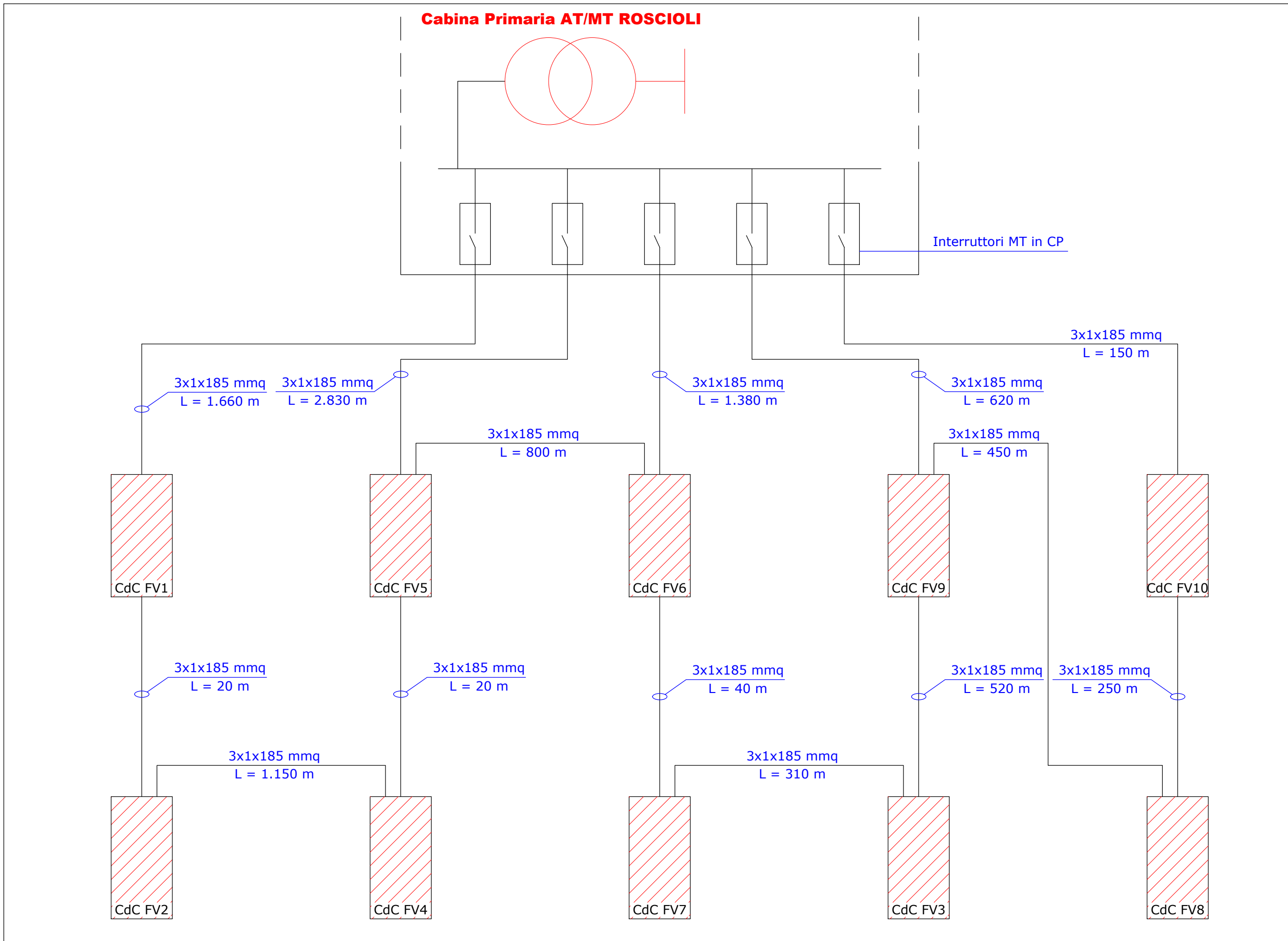
MAG LAZIO S.r.l. (già ENERGIA QUARTA S.r.l.)

Via Orti, 1a - 37050 San Pietro di Morubio - Verona
Tel. +39 0874 67618
PEC energiaquartasl@pec.it
P.IVA 01618580706

FIRMA PER BENESTARE

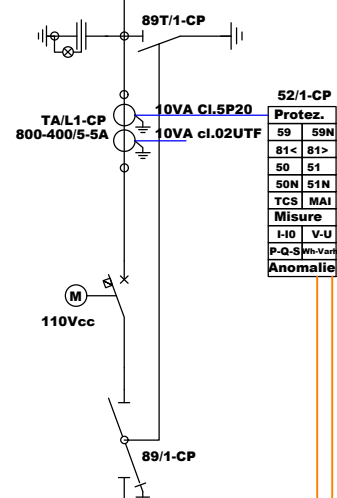
FIRMA PER BENESTARE

SU01 - Schema a blocchi



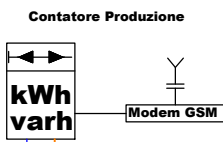
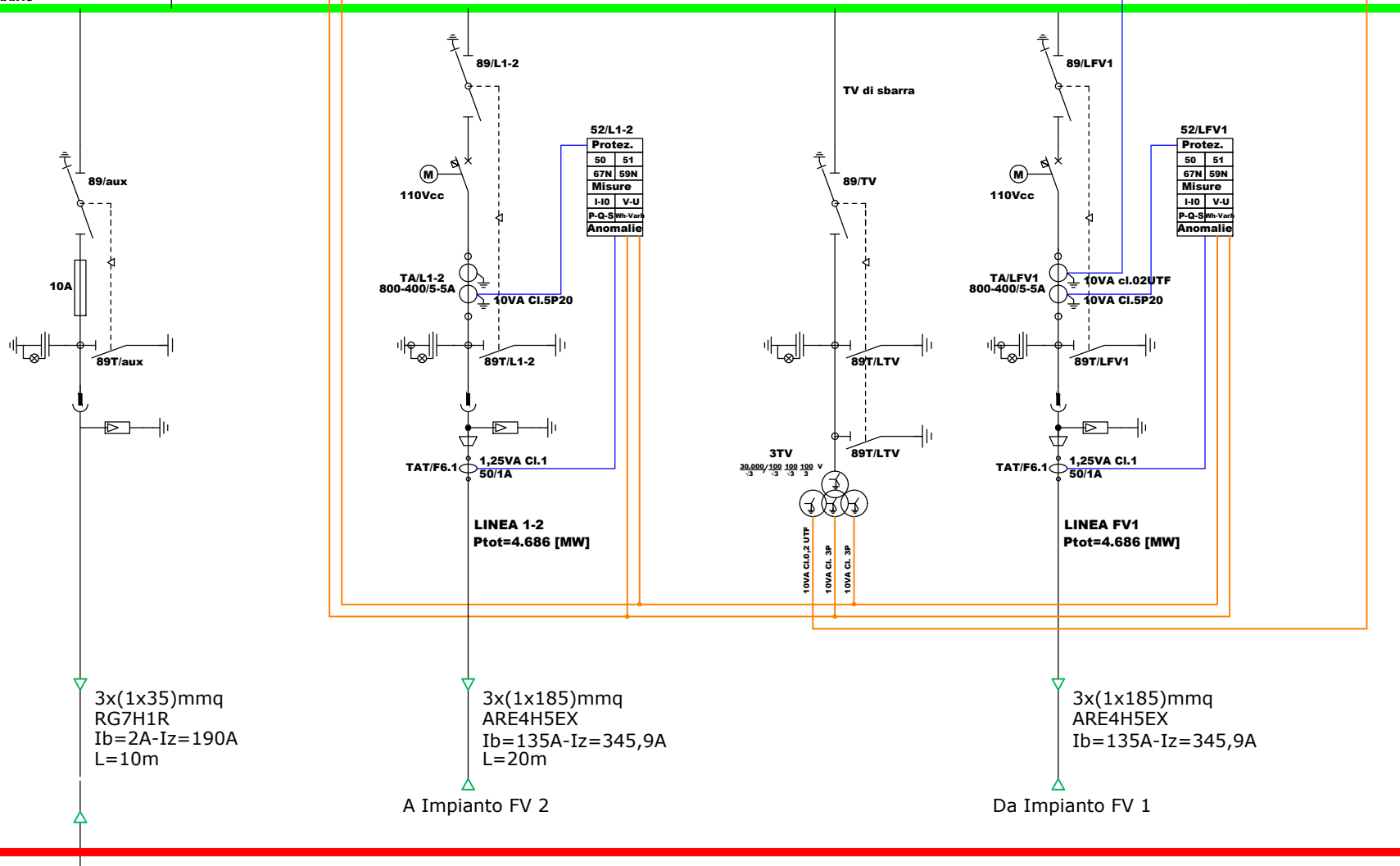
ALLA CP
Ptot=9.372 [MW]

3x(1x185)mmq
ARE4H5EX
Ib=276A-Iz=345,9A
L=1.660m

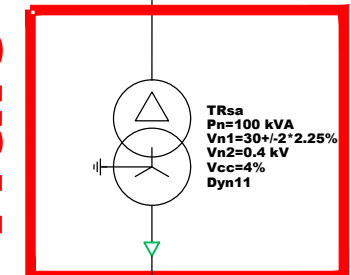


Quadro MT-CdC
Impianto FV 1

36 kV - 1.000 A - 20kAx1s



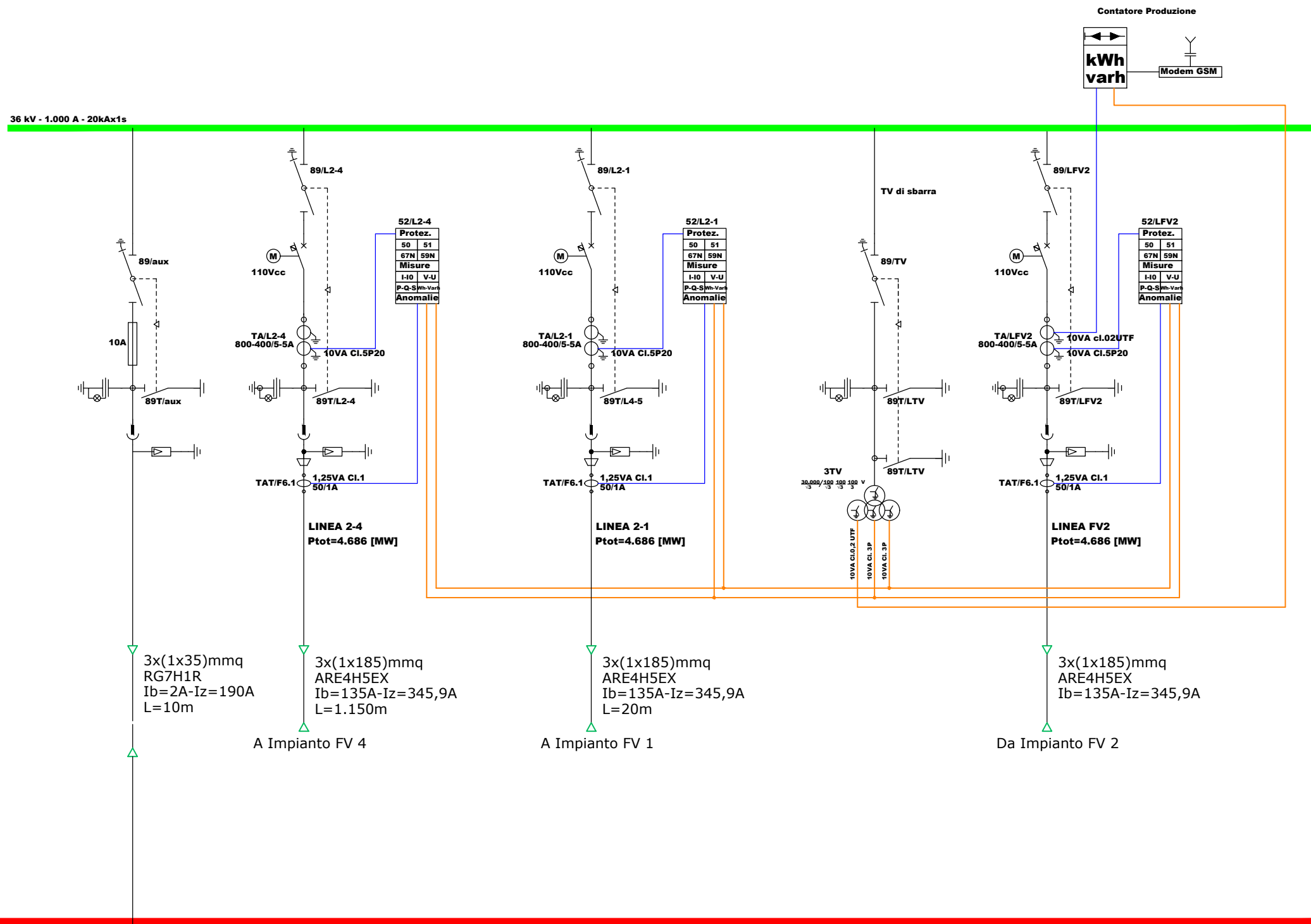
Box Trafo aux



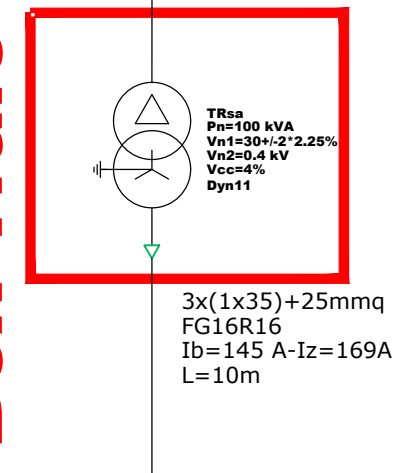
TRsa
Pn=100 kVA
Vn1=30+/-2*2.25%
Vn2=0.4 kV
Vcc=4%
Dyn11

3x(1x35)+25mmq
FG16R16
Ib=145 A-Iz=169A
L=10m

Quadro MT-CdC Impianto FV 2

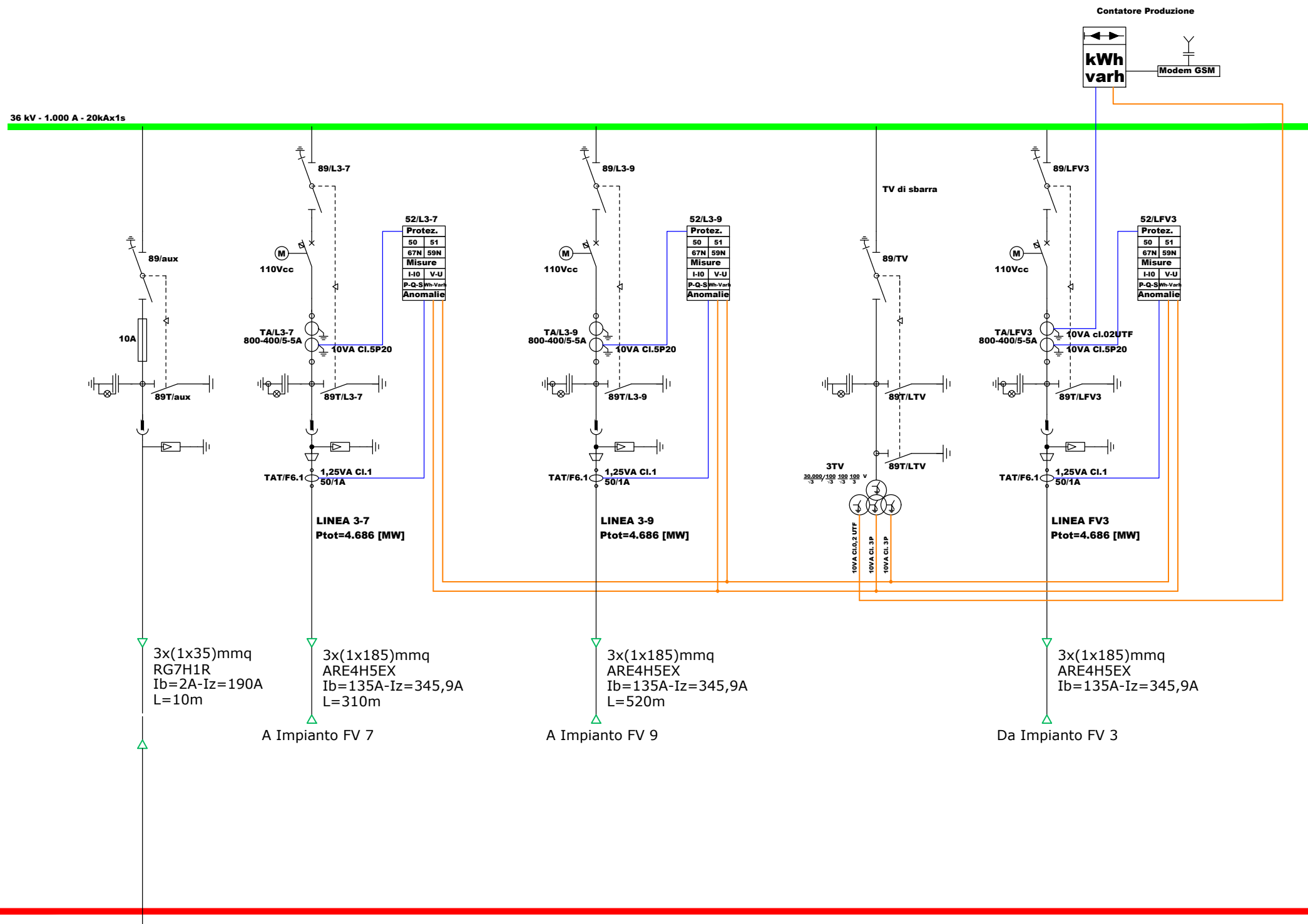


Box Trafo aux

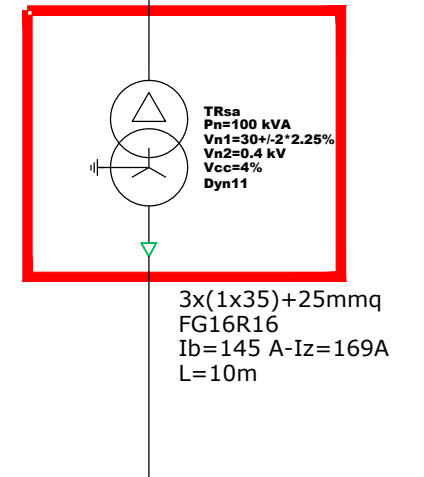


3x(1x35)+25mmq
FG16R16
Ib=145 A-Iz=169A
L=10m

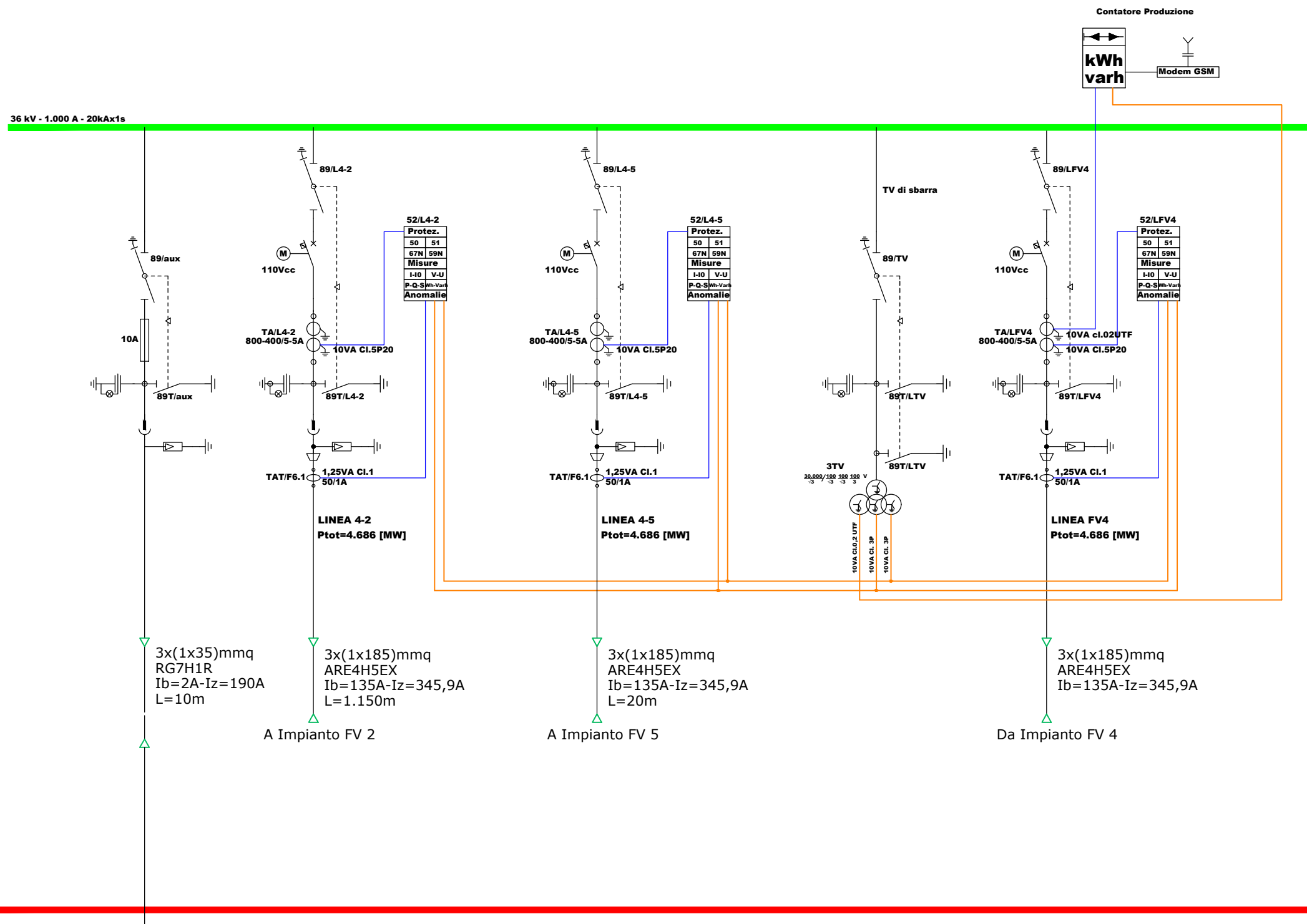
Quadro MT-CdC Impianto FV 3



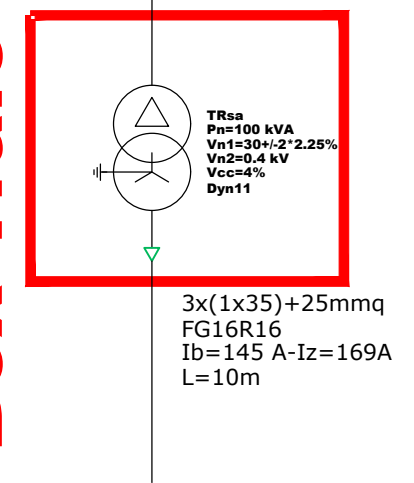
Box Trafo aux



Quadro MT-CdC Impianto FV 4



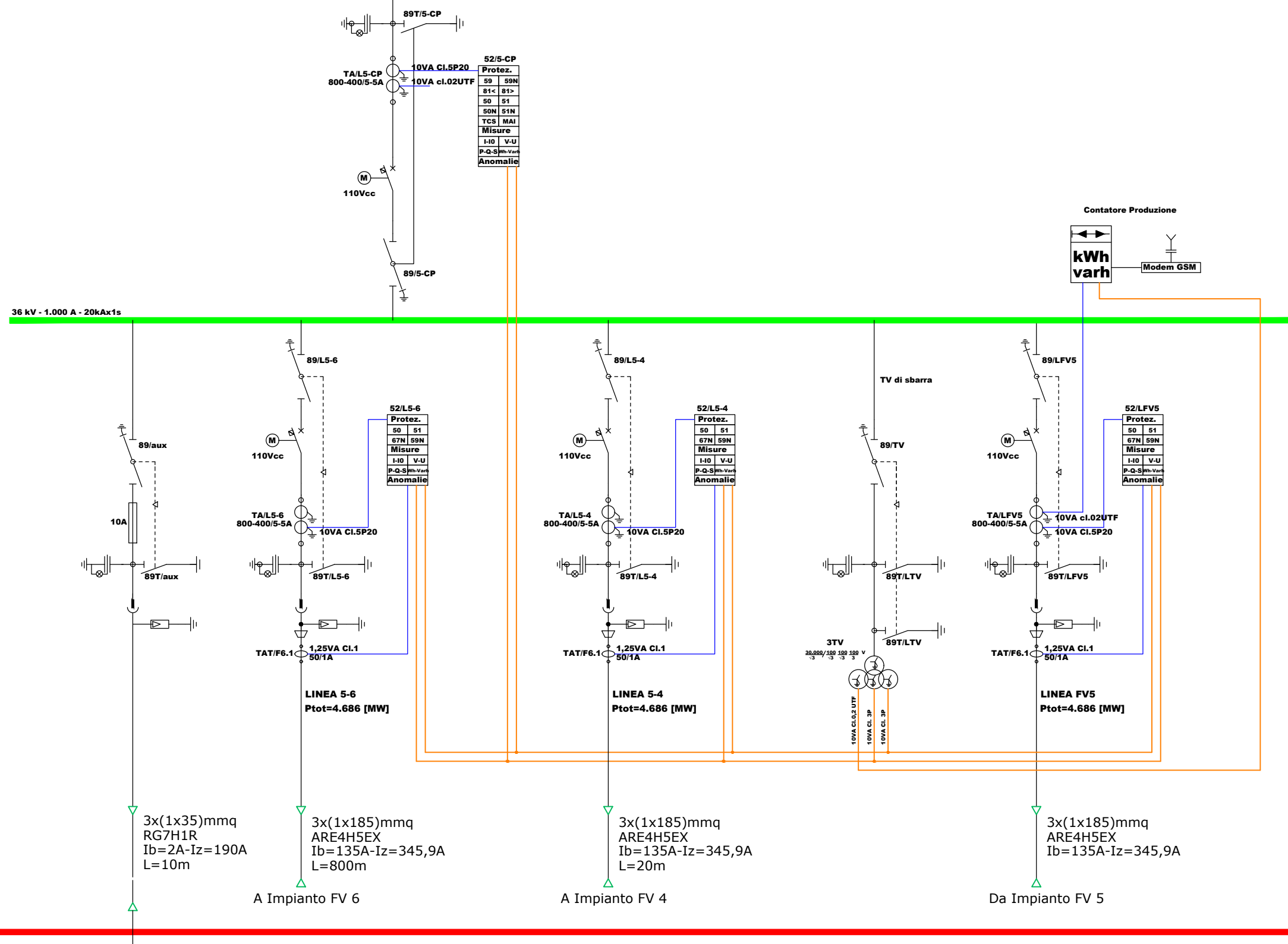
Box Trafo aux



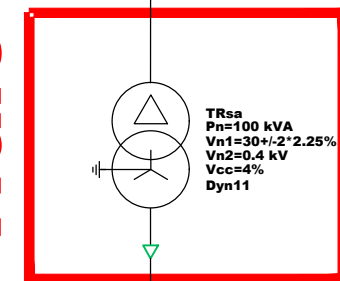
Quadro MT-CdC Impianto FV 5

ALLA CP Ptot=9.372 [MW]

3x(1x185)mmq
ARE4H5EX
Ib=276A-Iz=345,9A
L=2.830m



Box Trafo aux



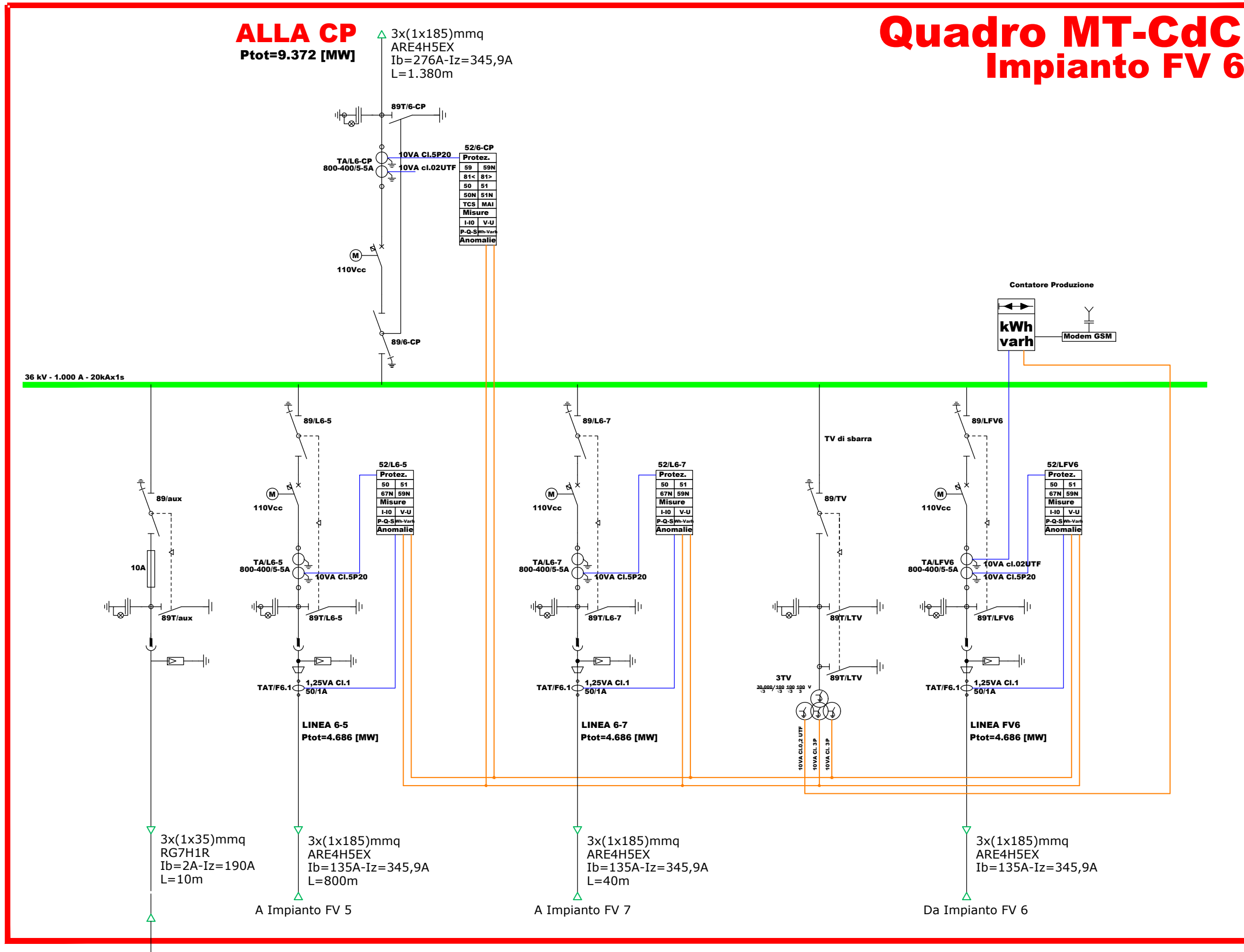
TRsa
Pn=100 kVA
Vn1=30+/-2*2.25%
Vn2=0.4 kV
Vcc=4%
Dyn11

3x(1x35)+25mmq
FG16R16
Ib=145 A-Iz=169A
L=10m

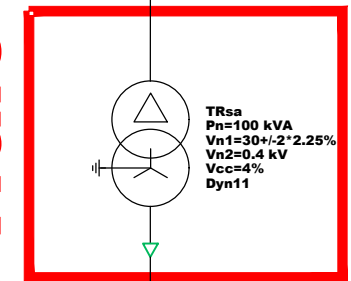
ALLA CP
Ptot=9.372 [MW]

3x(1x185)mmq
ARE4H5EX
Ib=276A-Iz=345,9A
L=1.380m

Quadro MT-CdC
Impianto FV 6



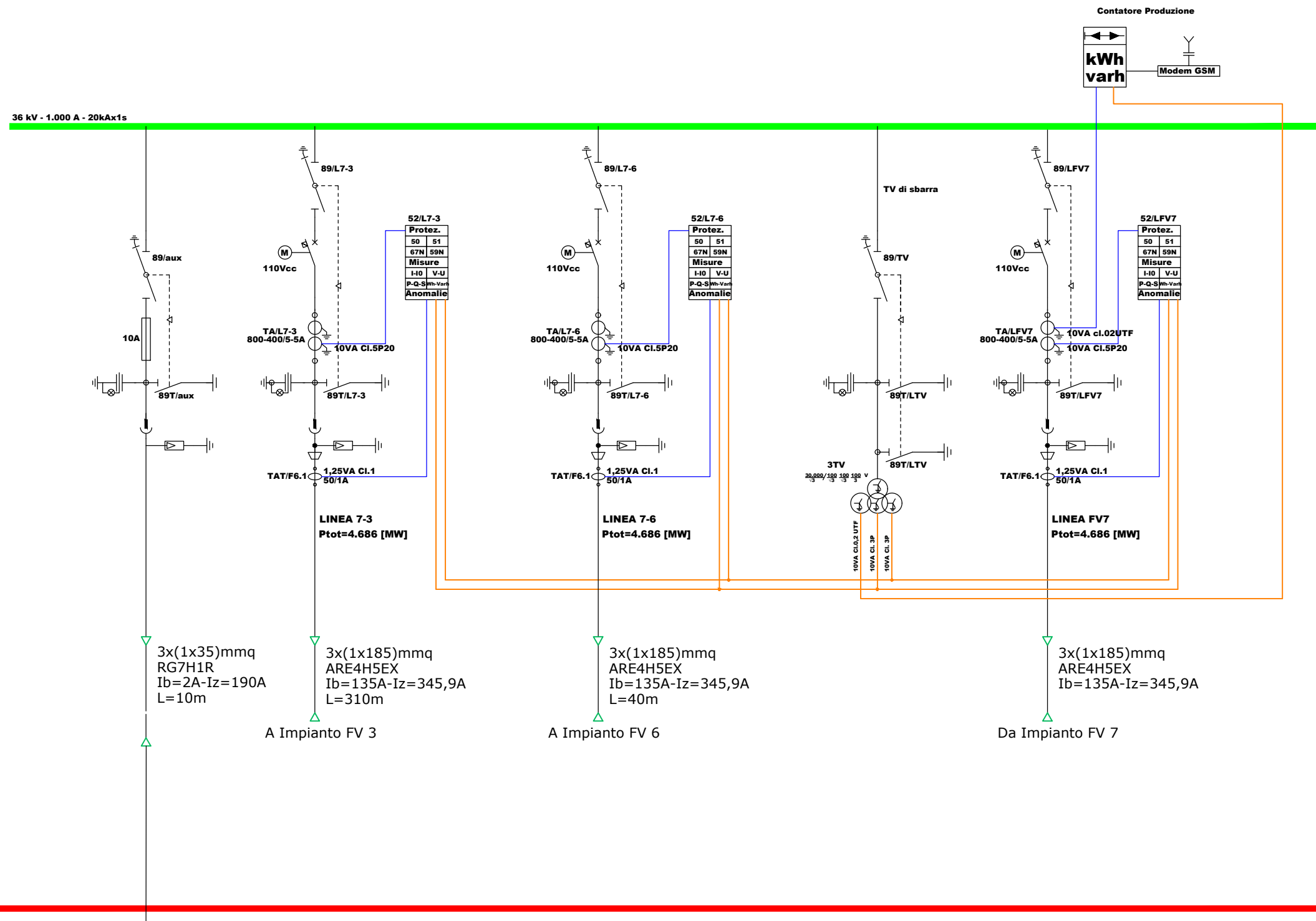
Box Trafo aux



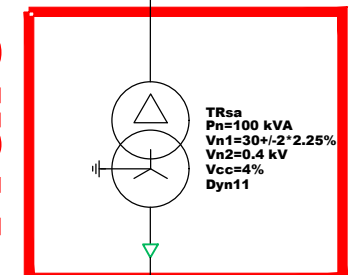
TRsa
Pn=100 kVA
Vn1=30+/-2*2.25%
Vn2=0.4 kV
Vcc=4%
Dyn11

3x(1x35)+25mmq
FG16R16
Ib=145 A-Iz=169A
L=10m

Quadro MT-CdC Impianto FV 7



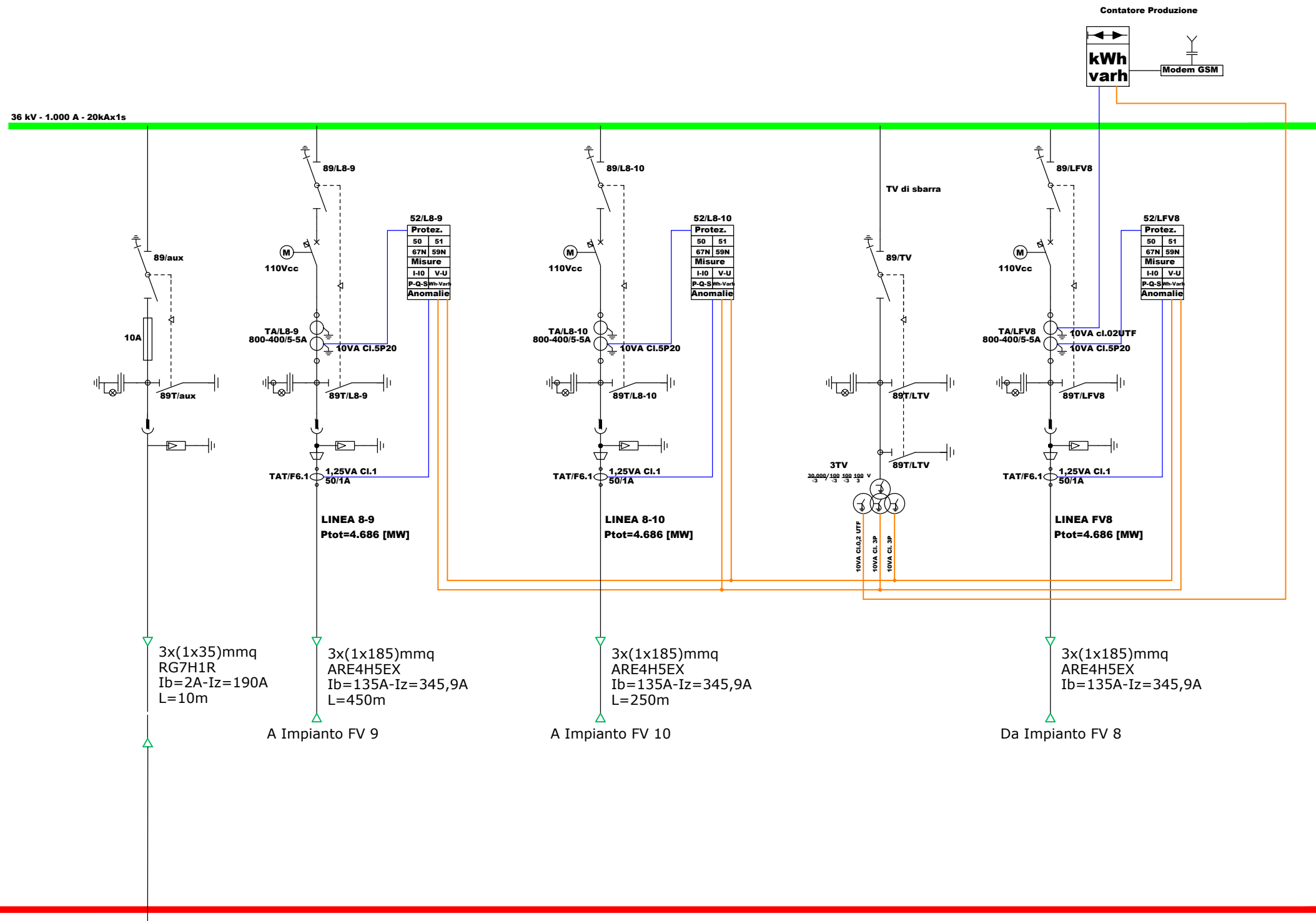
Box Trafo aux



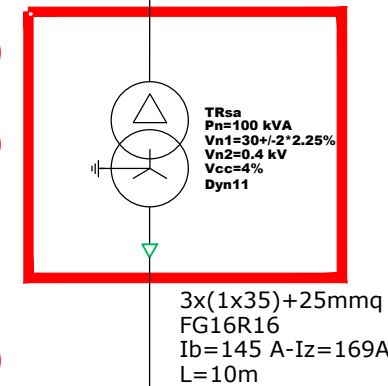
TRsa
Pn=100 kVA
Vn1=30±2·2.25%
Vn2=0.4 kV
Vcc=4%
Dyn11

3x(1x35)+25mmq
FG16R16
Ib=145 A-Iz=169A
L=10m

Quadro MT-CdC Impianto FV 8



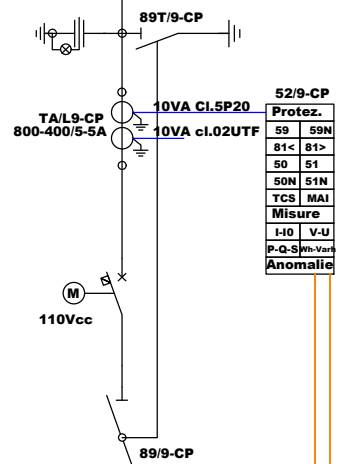
Box Trafo aux



3x(1x35)+25mmq
FG16R16
Ib=145 A-Iz=169A
L=10m

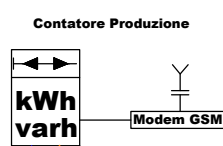
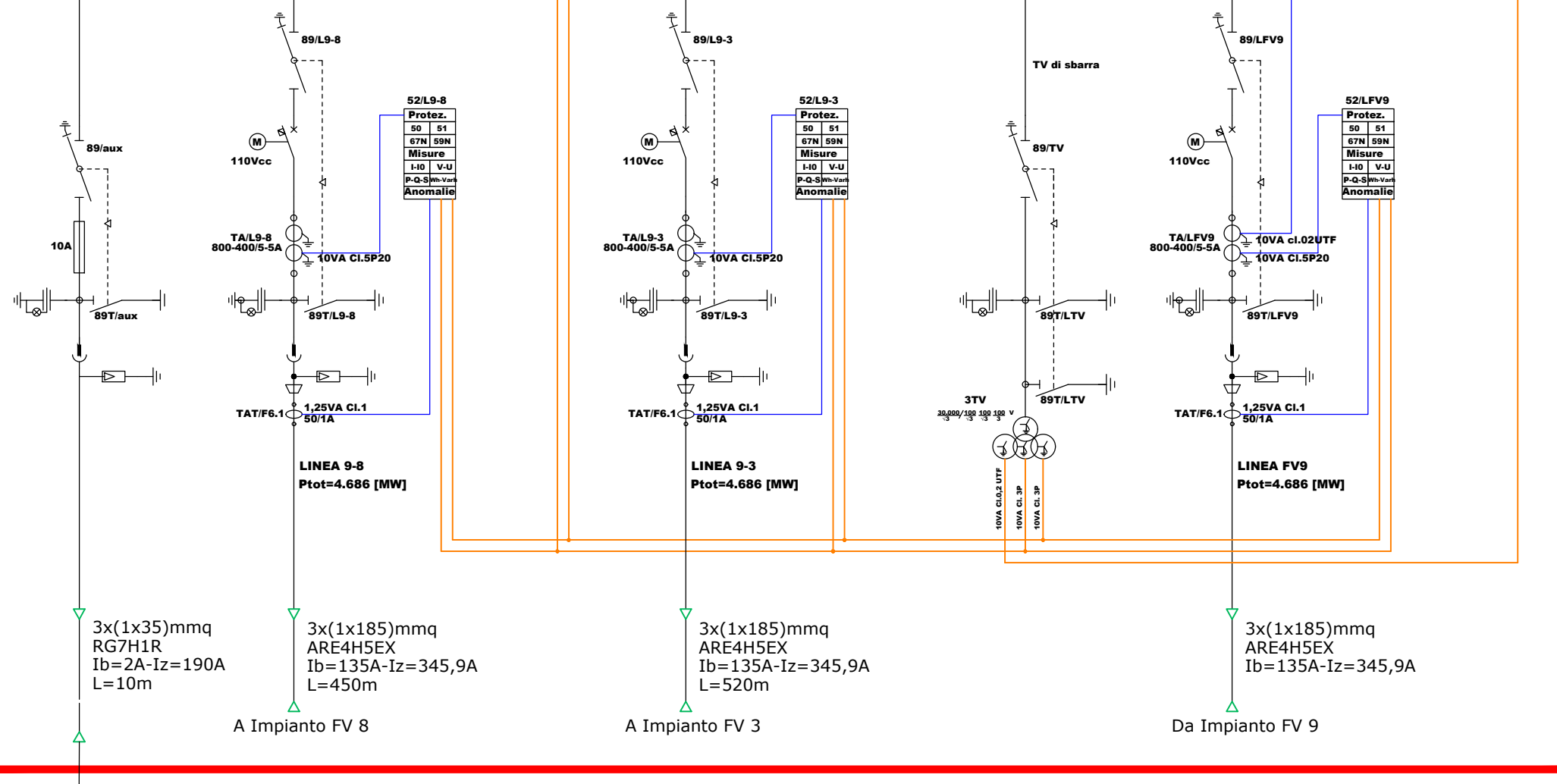
ALLA CP
Ptot=9.372 [MW]

3x(1x185)mmq
ARE4H5EX
Ib=276A-Iz=345,9A
L=620m

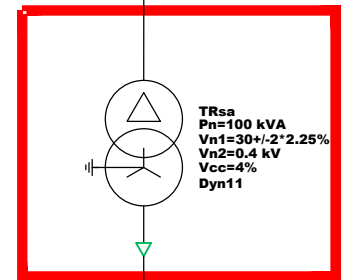


Quadro MT-CdC
Impianto FV 9

36 kV - 1.000 A - 20kAx1s



Box Trafo aux



3x(1x35)+25mmq
FG16R16
Ib=145 A-Iz=169A
L=10m

A Impianto FV 8

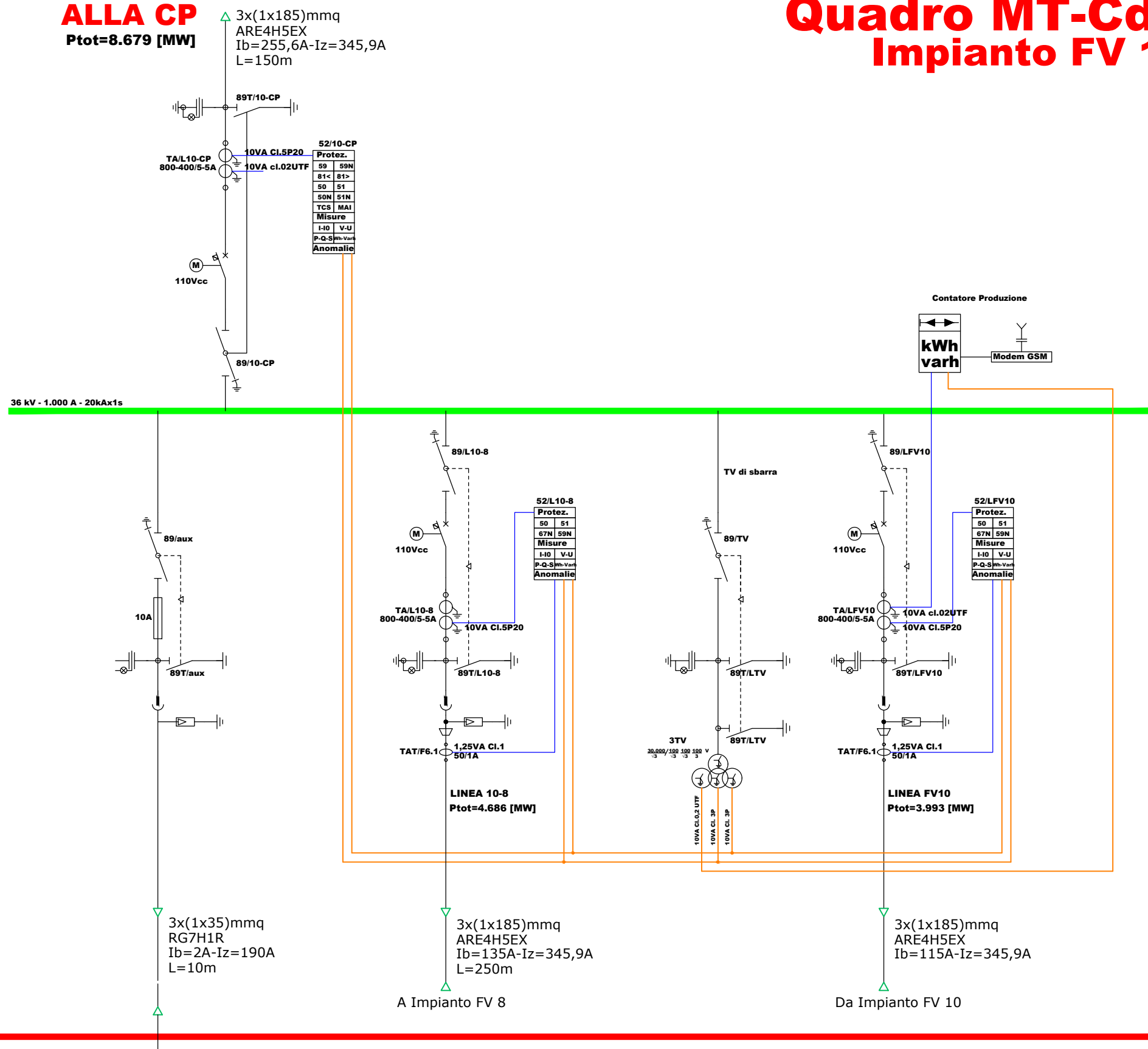
A Impianto FV 3

Da Impianto FV 9

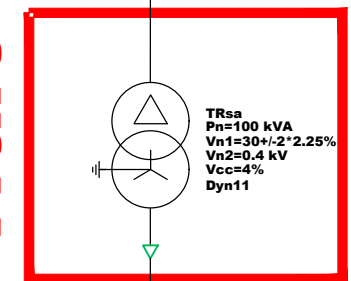
ALLA CP
Ptot=8.679 [MW]

3x(1x185)mmq
ARE4H5EX
Ib=255,6A-Iz=345,9A
L=150m

Quadro MT-CdC
Impianto FV 10



Box Trafo aux



TRsa
Pn=100 kVA
Vn1=30+-2*2.25%
Vn2=0.4 kV
Vcc=4%
Dyn11

3x(1x35)+25mmq
FG16R16
Ib=145 A-Iz=169A
L=10m

SU12 - Tipico fronte quadro

