CARACTÉRISTIQUES TECHNIQUES / Technical data

VLVAF5N03520AA

TENSION ASSIGNEE / rated voltage (Un):	400	V
PUISSANCE ASSIGNEE / rated power (Qn):	500	Kvar
COURANT ASSIGNÉ / rated current (In):	722	A
COURANT MAXIMUM PERMANENT / maximum continuous current (Imp):	1032	A
FRÉQUENCE ASSIGNÉE / rated frequency (Fn):	50	Hz
ISOLEMENT / insulation (Um):	690	V
PERTES CALCULÉES / calculated losses:	1250	W
ACCORD / tuning:	-	Hz
COURANT ASSIGNE DE COURT-CIRCUIT CONDITIONNEL / rated conditional short-circuit current (Icc):	50	kA
COURANT ASSIGNE DE COURTE DUREE ADMISSIBLE / rated short-time withstand current (Icw):	-	kA/1s
UTILISATION INTÉRIEURE / indoor type:	IP31	
NORME / standard:	IEC 61439-1 : 2011 IEC 61439-2 : 2011 IEC 61921 : 2017	
TEMPERATURE / temperature:	-5° / +45°C	°C
MOYENNE SUR 24 HEURE / average temperature over 24 hours :	35°C	°C
MOYENNE ANNUELLE / average annual temperature :	25°C	°C

SCHEMA ELECTRIQUE DE PUISSANCE / Power diagram :	PF5NA6S(D41)WCBSPF
SCHEMA ELECTRIQUE DE CONTROLE / Control diagram :	CF5N6S(D41)WCB
PLANS D'ARCHITECTURE, D'IMPLANTATION & D'INSTALLATION / General Arrangement, Layout & Installation drawings :	EF5NA5M6SBWCBF
BORNIER CLIENT / Customer Terminal Blocks :	S1B9989700

Schneider Electric

VarSet capacitor bank Auto 500kvar with incomer CB xxB 400V 50Hz

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NOMENCLATURE / Bill of material

Item	Description	Part N°
QS01	Gamme / range – Ref Disjoncteur / Ref Breaker	NS1250N - 33478
	Réglage / Setting	0,9/4/6
	Bobine MX - Auxiliary MX	33662

MODULES						
	n=1	**n=2**	**n=3**	**n=4**	**n=5**	**n=6**
Power (kVar)	50 + 50	100	100	100	100	-
QS_n	Fuses 250A	Fuses 250A	Fuses 250A	Fuses 250A	Fuses 250A	
KM_n	LC1DWK12P7 x 2	LC1DWK12P7 x 2	LC1DWK12P7 x 2	LC1DWK12P7 x 2	LC1DWK12P7 x 2	
C_n	BLRCH500A000B40 x 2	BLRCH500A000B40 x 2	BLRCH500A000B40 x 2	BLRCH500A000B40 x 2	BLRCH500A000B40 x 2	
DR_n	-	-	-	-	-	
	n=7	**n=8**	**n=9**	**n=10**	**n=11**	**n=12**
Power (kVar)	-	-	-	-	-	-
QS_n						
KM_n						
C_n						
DR_n						

Item	Description	Part N°
QF1	Fuses or CB	DF2CA04
QF2	Unipolar and neutral breaker	A9F74603
TC1	Transformer	ABL6TS63U
ST1	Thermostat (ventilation)	NSYCCOTHO
ST2	Thermostat (overheating)	NSYCCOTHO
EV1	Fan	NSYCVF575M230MF
EV2	Fan	
A1	PFC controller	VPL06N

(La liste et les références des composants figurant ci-après sont données à titre indicatif compte tenu de leur caractère évolutif du fait des éventuelles modifications de design ou évolutions des normes de référence / As product design and standards of reference change from time to time, the following list of part and corresponding reference are for information only)

Schneider Electric

VarSet capacitor bank Auto 500kvar with incomer CB xxB 400V 50Hz

Number:	Revision:	Sheet:
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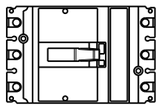
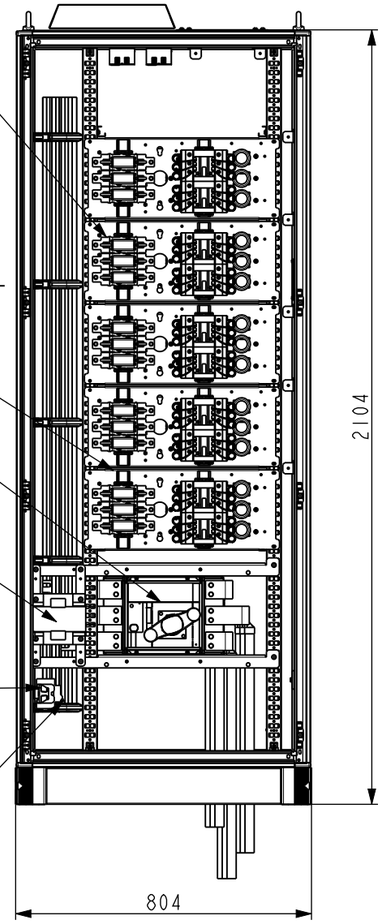


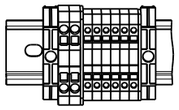
FUSIBLE
FUSE
OR
DISJONCTEUR *
CIRCUIT BREAKER *
(*) PROTECTION PAR DISJONCTEUR DE GRADIN
SI CETTE OPTION A ETE CHOISIE
(*) STEP PROTECTION BY CIRCUIT BREAKER IF
THIS OPTION HAS BEEN SELECTED



MODULE
MODULE

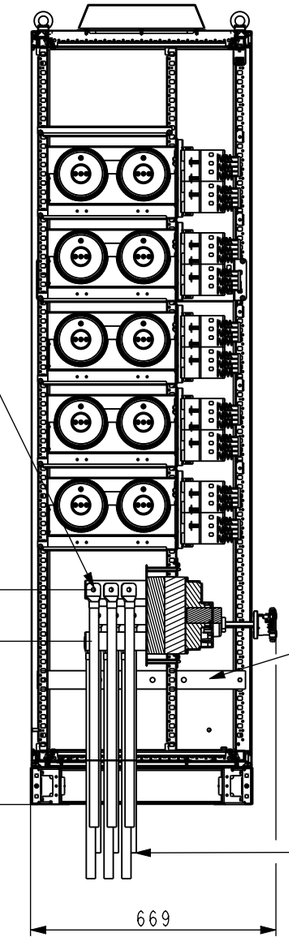
DISJONCTEUR D'ENTREE
INCOMING CIRCUIT BREAKER

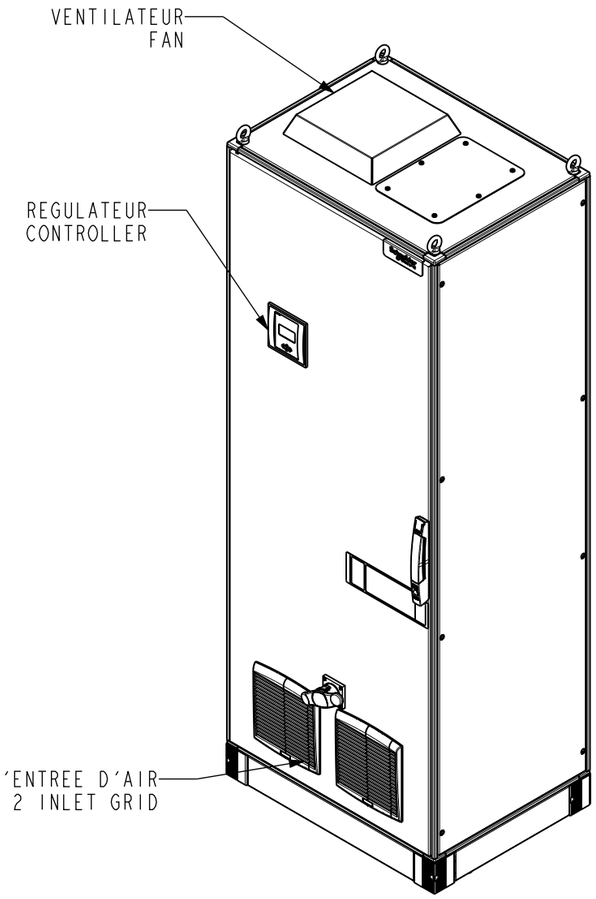
TRANSFORMATEUR
TRANSFORMER



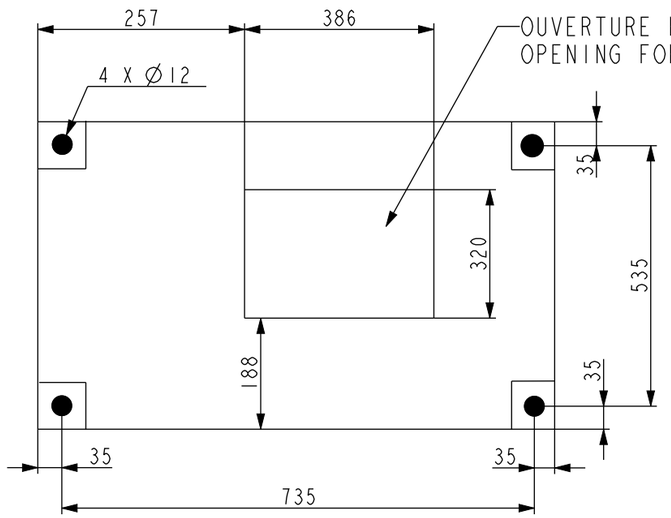
BORNIER DE RACCORDEMENT
TERMINAL BLOCK CONNECTION

DISJONCTEUR DES AUXILIAIRES
AUXILIARY CIRCUIT BREAKER





GENIE CIVIL / CIVIL ENGINEERING



Scale:	Technical Specification:	Units of measure : mm
Schneider Electric	Document Description: DIMENSIONS GENIE CIVIL / CIVIL ENGINEERING DIMENSIONS	
	Document Number: EF5NA5M6SBWCBF	Doc. Rev. 00 / Sheet: 1/1

State: Creation
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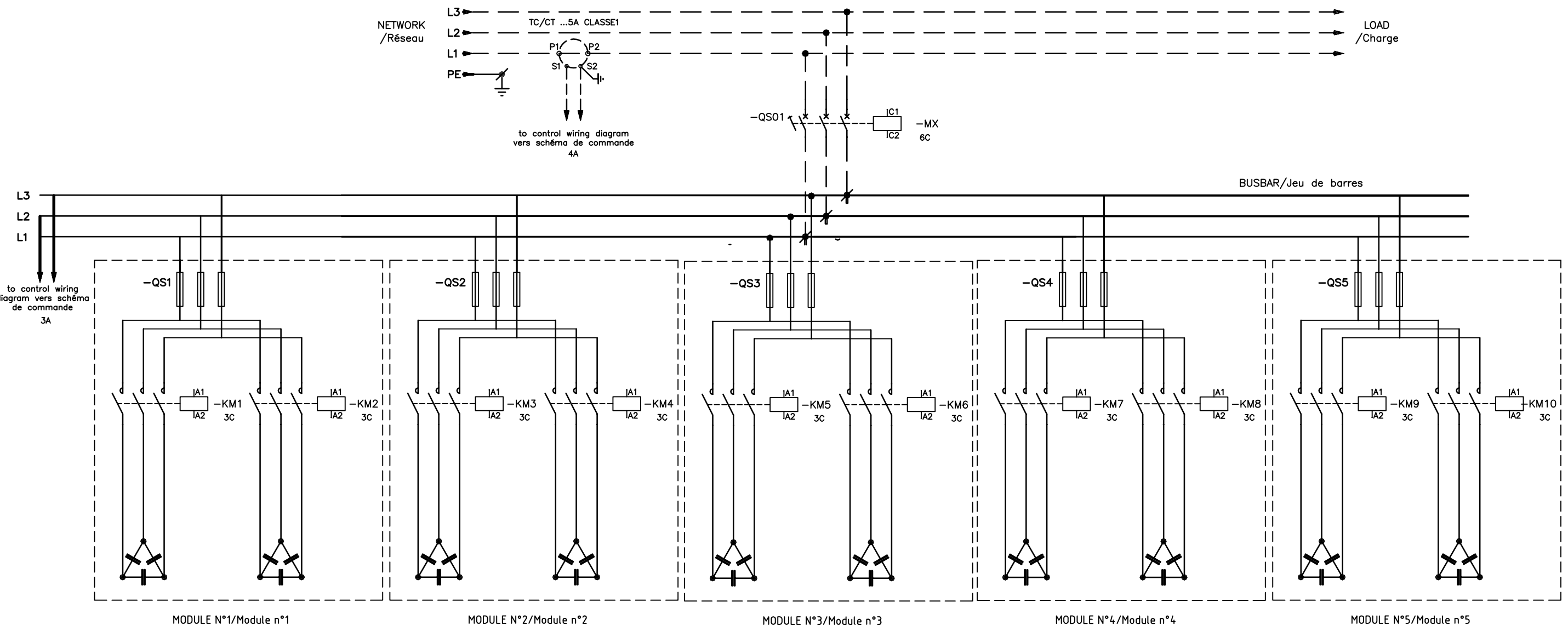
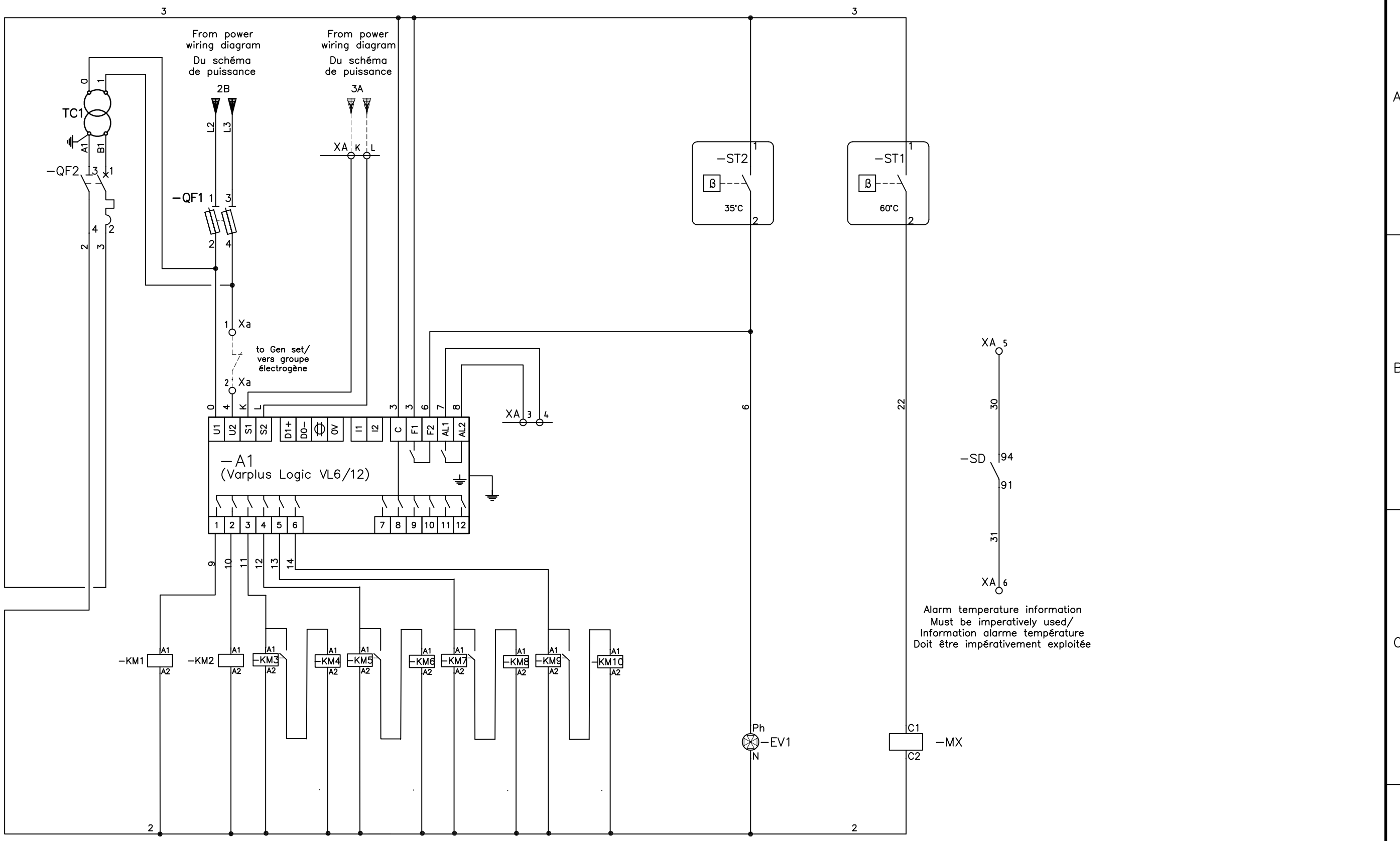


--- Connection not supply/Connexion non fournie

	Scale:	Tolerancing Standard :	Units of measure :
Schneider Electric	F5N auto P wiring diag W CB 6 steps		
	Number: PF5NA6S(D41)WCBSPF	Revision: 00	Sheet: 1 / 1
	State:		

Original AutoCAD format A3



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Schneider Electric	F5N CONTROL WIRING DIAGRAM - 6 STEPS - WITH CB *NETWORK : 400V-415V/50Hz & 400V/60Hz*		
	Number: **CF5NA6S(D41)WCB**	Revision: **00**	Sheet: 1 / 1

State:

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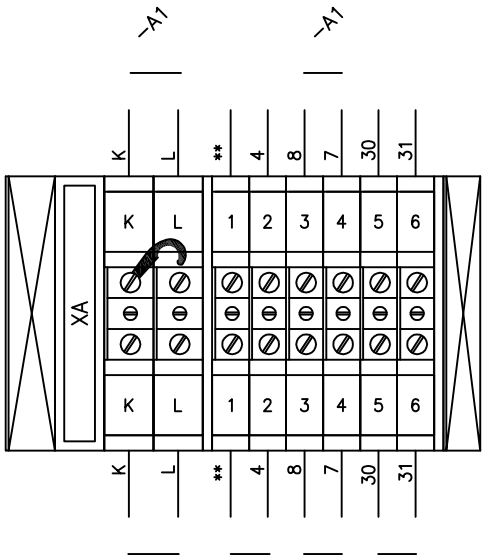
CUSTOMER TERMINAL BLOCK
Bornier client
Клеммный блок для внешних присоединений

VLVAW1N/VLVAW2N/VLVAW3N
/VLVAF5N/VLVAF6P
VLVAF2P/VLVAF3P/VLVAF5P



PFC current measure/Mesure courant régulateur/
Измерение тока
Gen set/Groupe électrogène
Генераторная установка
PFC alarm/Alarme régulateur
Сигнализации
Alarm temperature information/Information alarme température
Сигнализация по температурному режиму

**
= 1 for VL6 VLVAW1N-VLVAW2N-VLVAW3N-VLVAF4P/
= 1 для контроллеров VL6 VLVAW1N-VLVAW2N-VLVAW3N-VLVAF4P

= 1 for VL12 VLVAF5N-VLVAF6P /
= 1 для контроллеров VL12 VLVAF5N-VLVAF6P

Scale:	Tolerancing Standard :	Units of measure :
Schneider Electric	CUSTOMER TERMINAL BLOCKS *BORNIER CLIENT*	
	Number: **S1B9989700**	Revision: **06** / Sheet: 1 / 1

State:

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