CARACTÉRISTIQUES TECHNIQUES / Technical data

VLVAF2P03508AD

TENSION ASSIGNEE / rated voltage (Un):	400	V
PUISSANCE ASSIGNEE / rated power (Qn):	100	Kvar
COURANT ASSIGNÉ / rated current (In):	144	A
COURANT MAXIMUM PERMANENT / maximum continuous current (Imp):	187	A
FRÉQUENCE ASSIGNÉE / rated frequency (Fn):	50	Hz
ISOLEMENT / insulation (Um):	690	V
PERTES CALCULÉES / calculated losses:	600	W
ACCORD / tuning:	210	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 :	PF2PA3S(DS)WCBSPF
SCHEMA ELECTRIQUE DE CONTROLE / Control diagram :	CF2PA3S(DS)WCB
PLANS D'ARCHITECTURE, D'IMPLANTATION & D'INSTALLATION / General Arrangement, Layout & Installation drawings :	EF2PA2M3SBWCBPF
BORNIER CLIENT / Customer Terminal Blocks :	S1B9989700

Schneider Electric

VarSet capacitor bank Auto 100kvar DR4,2 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	NSX250N - LV431870
	Réglage / Setting	200/0,95/7
	Bobine MX - Auxiliary MX	LV429387

MODULES						
	n=1	**n=2**	**n=3**	**n=4**	**n=5**	**n=6**
Power (kVar)	25 + 25	50	-	-	-	-
QS_n	Fuses 125A	Fuses 125A				
KM_n	LC1D38P7 x 2	LC1D95P7				
C_n	BLRCH339A407B48 x 2	BLRCH680A000B48				
DR_n	LVR05250A40T x 2	LVR05500A40T				
	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	A9F74602
TC1	Transformer	ABL6TS40U
ST1	Thermostat (ventilation)	
ST2	Thermostat (overheating)	NSYCCOTHO
EV1	Fan	PHA25987
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)

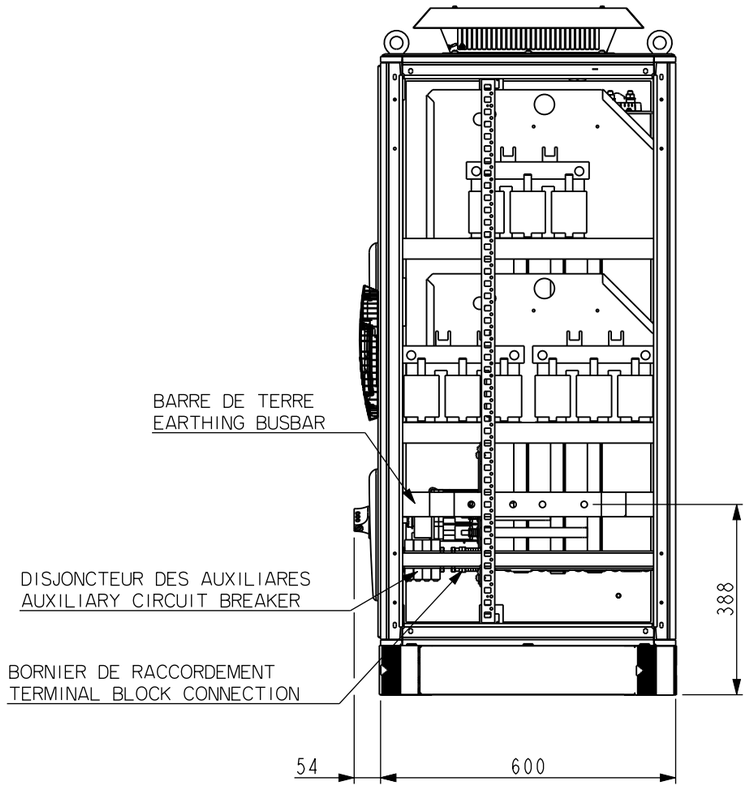
Schneider Electric

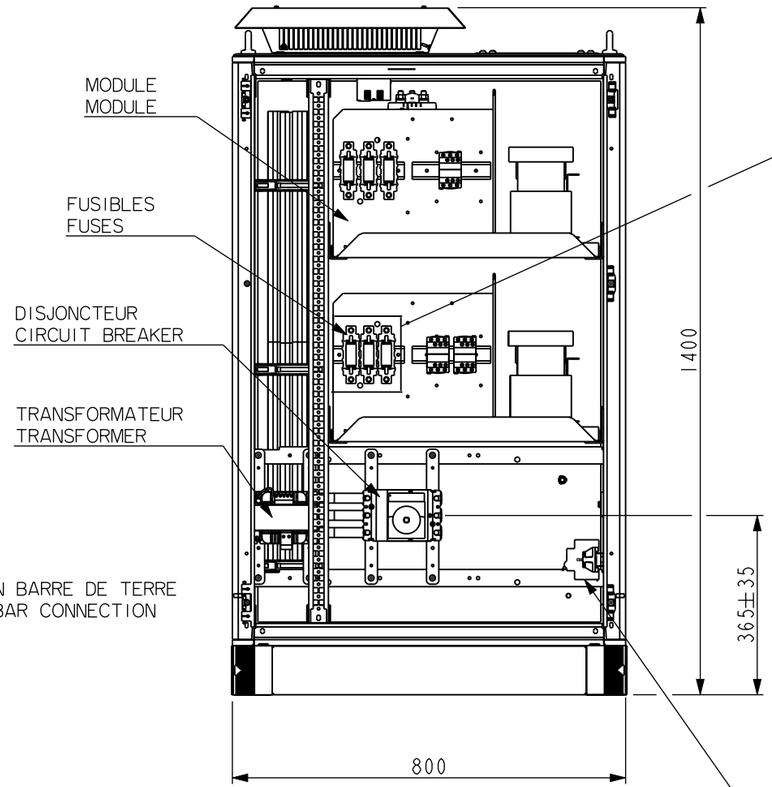
VarSet capacitor bank Auto 100kvar DR4,2 with incomer CB xxB 400V 50Hz

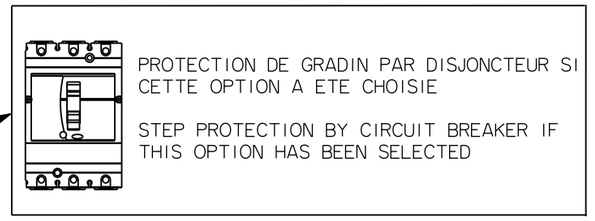
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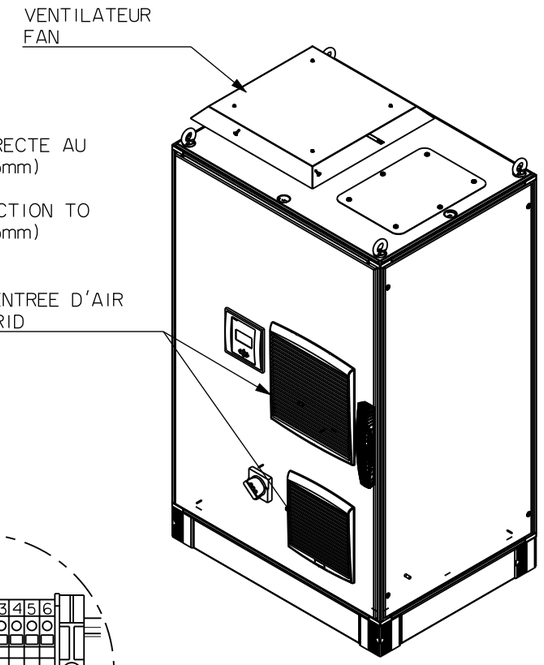
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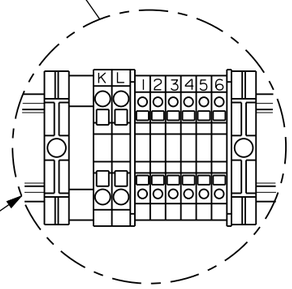
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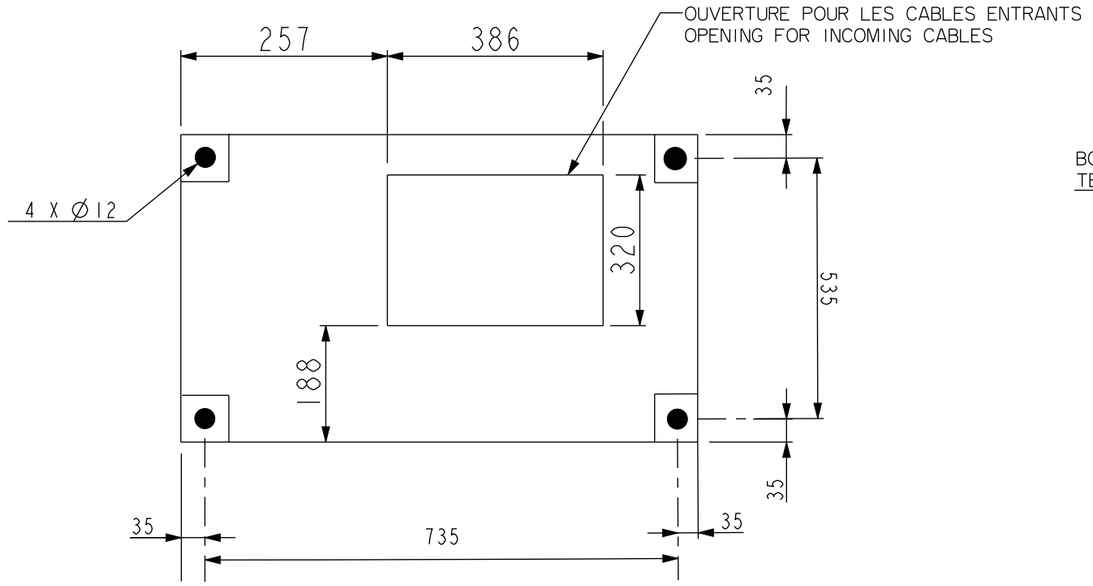








GENIE CIVIL / CIVIL ENGINEERING

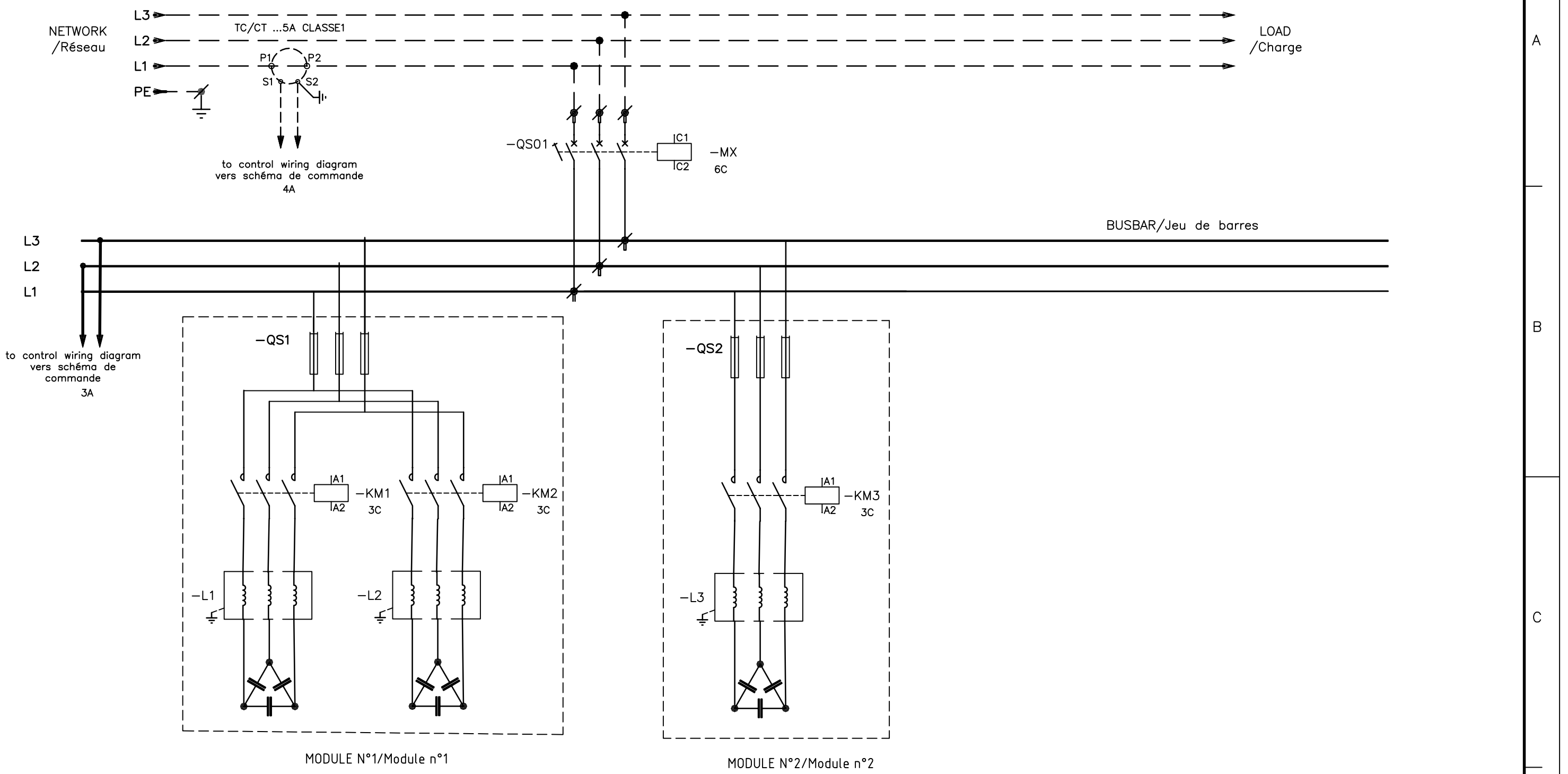


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Schneider Electric	Document Description: DIMENSIONS GENIE CIVIL / CIVIL ENGINEERING DIMENSIONS		
	Document Number: EF2PA2M3SBWCBPF	Doc. Rev. 00	Sheet: 1/1
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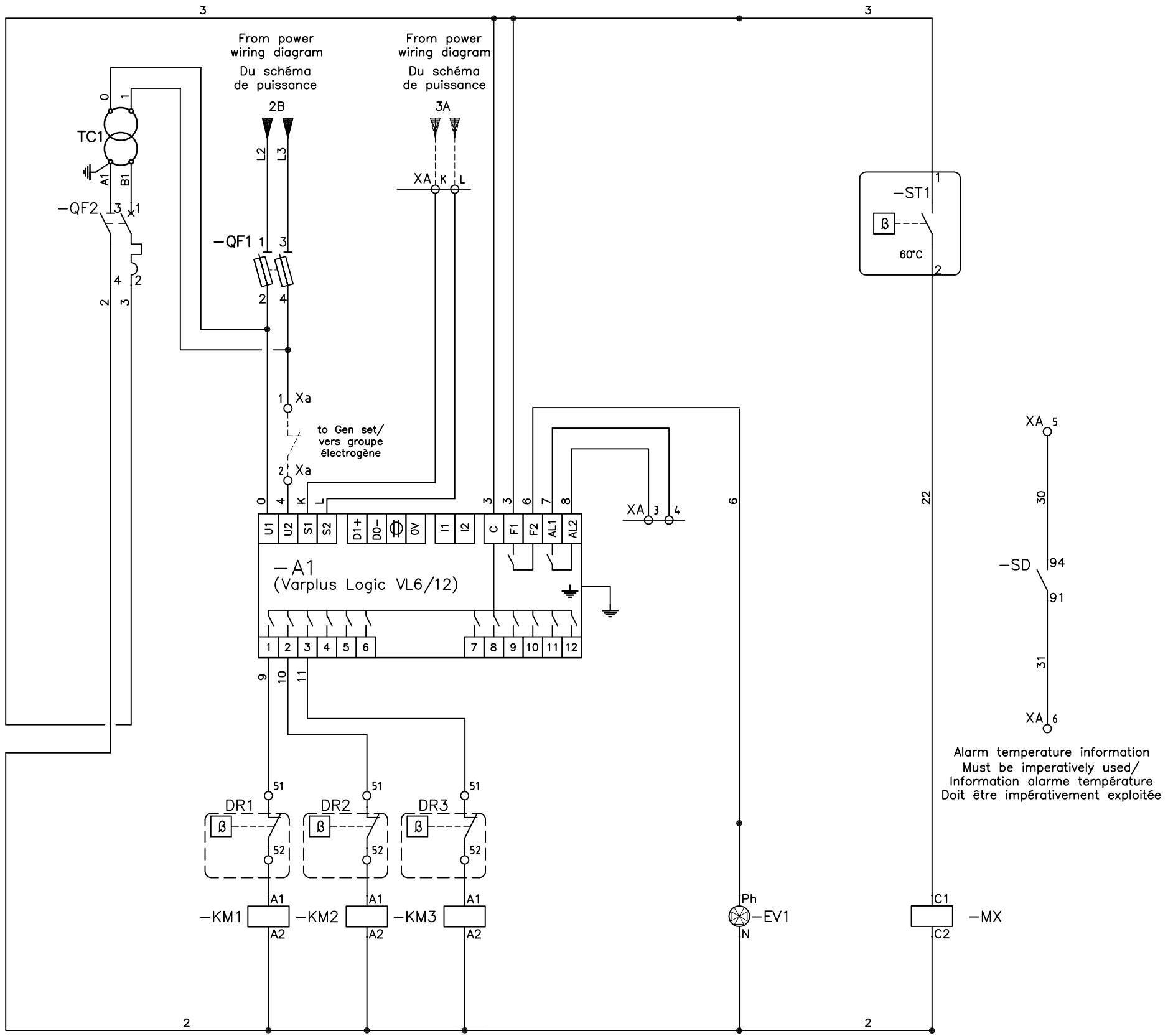
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Connection not supply/Connexion non fournie

	Scale:	Tolerancing Standard :	Units of measure :
Schneider Electric	F2P auto P wiring diag W CB 3 steps		
	Number: PF2PA3S(DS)WCBSPF	Revision: 00	Sheet: 1 / 1
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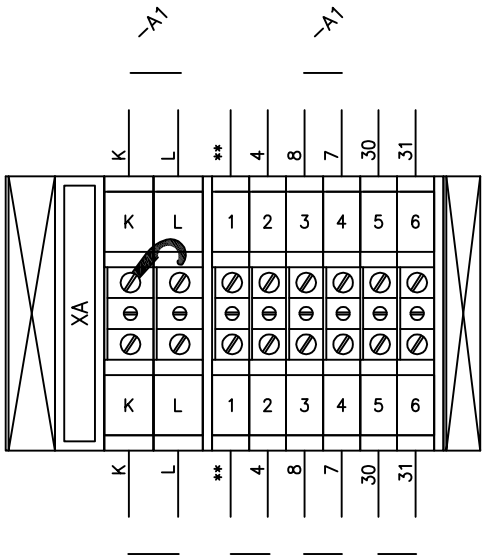
------- Connection not supply/Connexion non fournie

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Schneider Electric	F2P CONTROL WIRING DIAGRAM - 3 STEPS - WITH CB NETWORK : 400V-415V/50Hz & 400V/60Hz		
	Number: CF2PA3S(DS)WCB	Revision: 00	Sheet: 1 / 1
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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

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