


CARACTÉRISTIQUES TECHNIQUES / Technical data  
**VLVAF2P03508AB**

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): .....	171	A
FRÉQUENCE ASSIGNÉE / rated frequency (Fn): .....	50	Hz
ISOLEMENT / insulation (Um): .....	690	V
PERTES CALCULÉES / calculated losses: .....	600	W
ACCORD / tuning: .....	190	Hz
COURANT ASSIGNE DE COURT-CIRCUIT CONDITIONNEL / rated conditional short-circuit current (Icc): .....	-	kA
COURANT ASSIGNE DE COURTE DUREE ADMISSIBLE / rated short-time withstand current (Icw): .....	35	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)WOCBSPF	
SCHEMA ELECTRIQUE DE CONTROLE / Control diagram : .....	CF2PA3S(DS)WOCB	
PLANS D'ARCHITECTURE, D'IMPLANTATION & D'INSTALLATION / General Arrangement, Layout & Installation drawings : .....	EF2PA2M3SBWOCBPF	
BORNIER CLIENT / Customer Terminal Blocks : .....	S1B9989700	

	<b>VarSet capacitor bank Auto 100kvar DR3,8 xxB 400V 50Hz</b>		
	<i>Number:</i> <b>VLVAF2P03508AB</b>	<i>Revision:</i> <b>00</b>	<i>Sheet:</i> <b>1/2</b>
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NOMENCLATURE / Bill of material

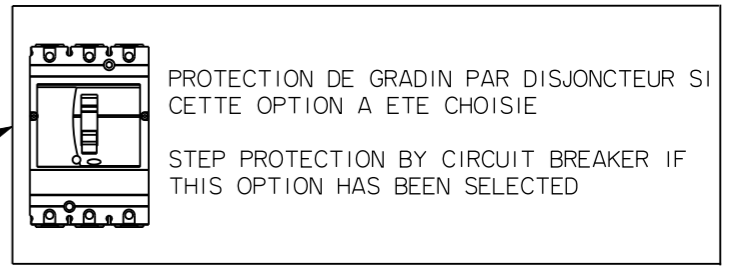
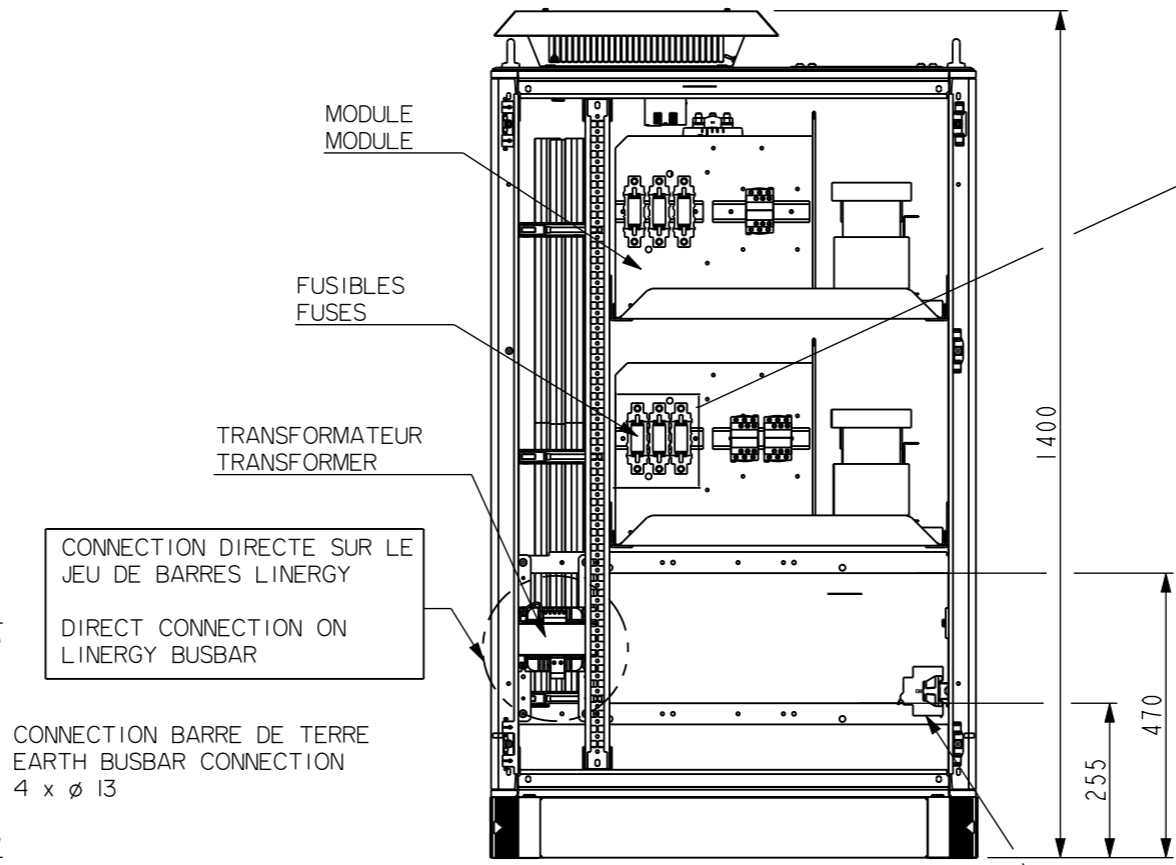
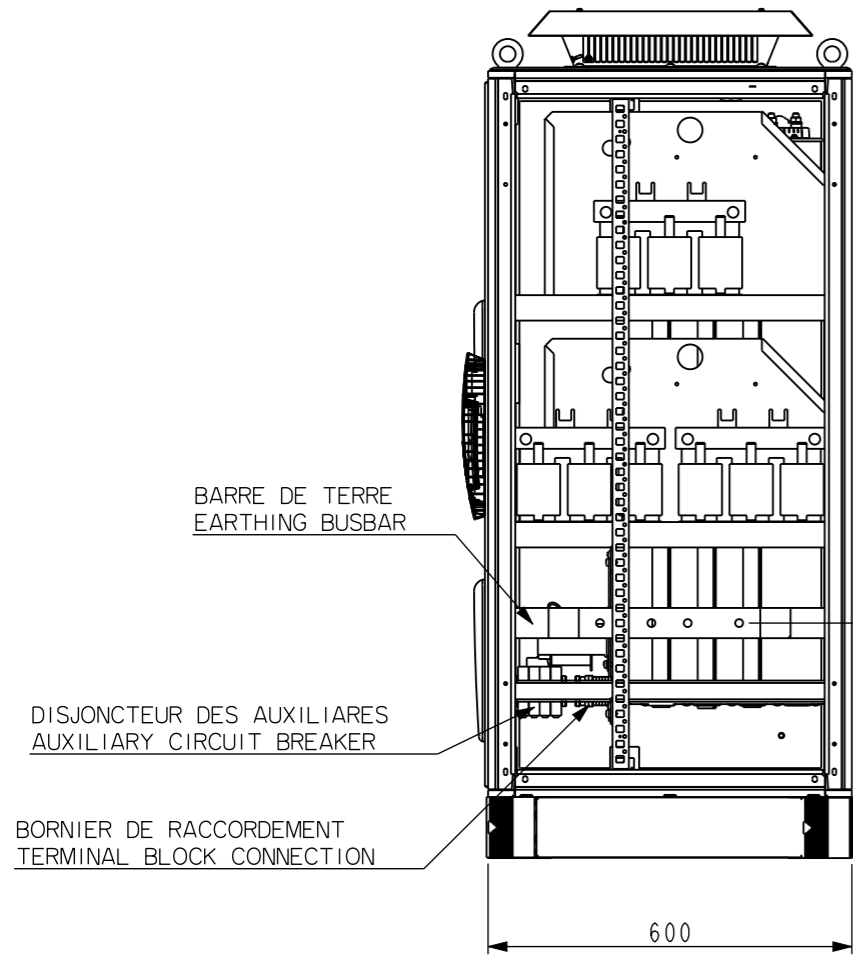
Item	Description	Part N°
QS01	Gamme / range – Ref Disjoncteur / Ref Breaker	- - -
	Réglage / Setting	-
	Bobine MX - Auxiliary MX	-

MODULES						
	n=1	n=2	n=3	n=4	n=5	n=6
Power (kVar)	25 + 25	50	-	-	-	-
QS <sub>n</sub>	Fuses 125A	Fuses 125A				
KM <sub>n</sub>	LC1D38P7 x 2	LC1D95P7				
C <sub>n</sub>	BLRCH339A407B48 x 2	BLRCH680A000B48				
DR <sub>n</sub>	LVR7250A40T x 2	LVR7500A40T				
	n=7	n=8	n=9	n=10	n=11	n=12
Power (kVar)	-	-	-	-	-	-
QS <sub>n</sub>						
KM <sub>n</sub>						
C <sub>n</sub>						
DR <sub>n</sub>						

Item	Description	Part N°
QF1	Fuses or CB	DF2GA04
QF2	Unipolar and neutral breaker	A9F74602
TC1	Transformer	ABL6TS40U
ST1	Thermostat (ventilation)	
ST2	Thermostat (overheating)	NSYCCOTH0
EV1	Fan	PHA25987
EV2	Fan	
A1	PFC controller	VPL06N

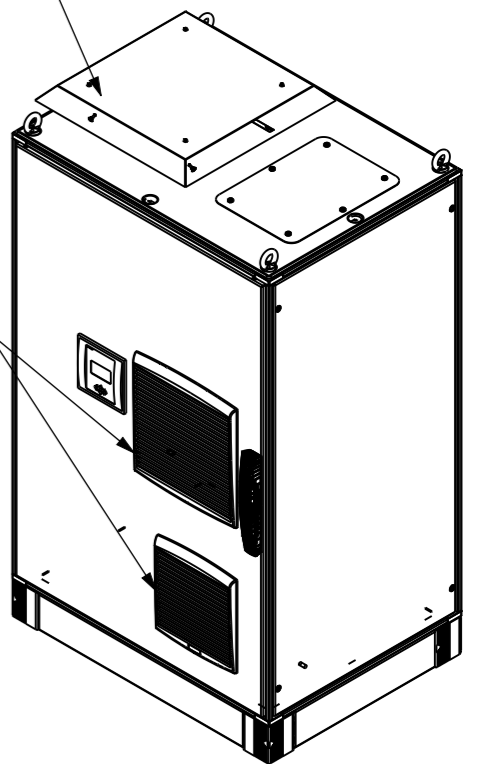
(La liste et les références des composants figurant ci-après sont données à titre indicatif compte tenu de leur caractère évolutif du fait des éventuelles modifications de design ou évolutions des normes de référence / As product design and standards of reference change from time to time, the following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

	VarSet capacitor bank Auto 100kvar DR3,8 xxB 400V 50Hz		
	Number:	Revision:	Sheet:
	VL VAF2P03508AB	00	2/2
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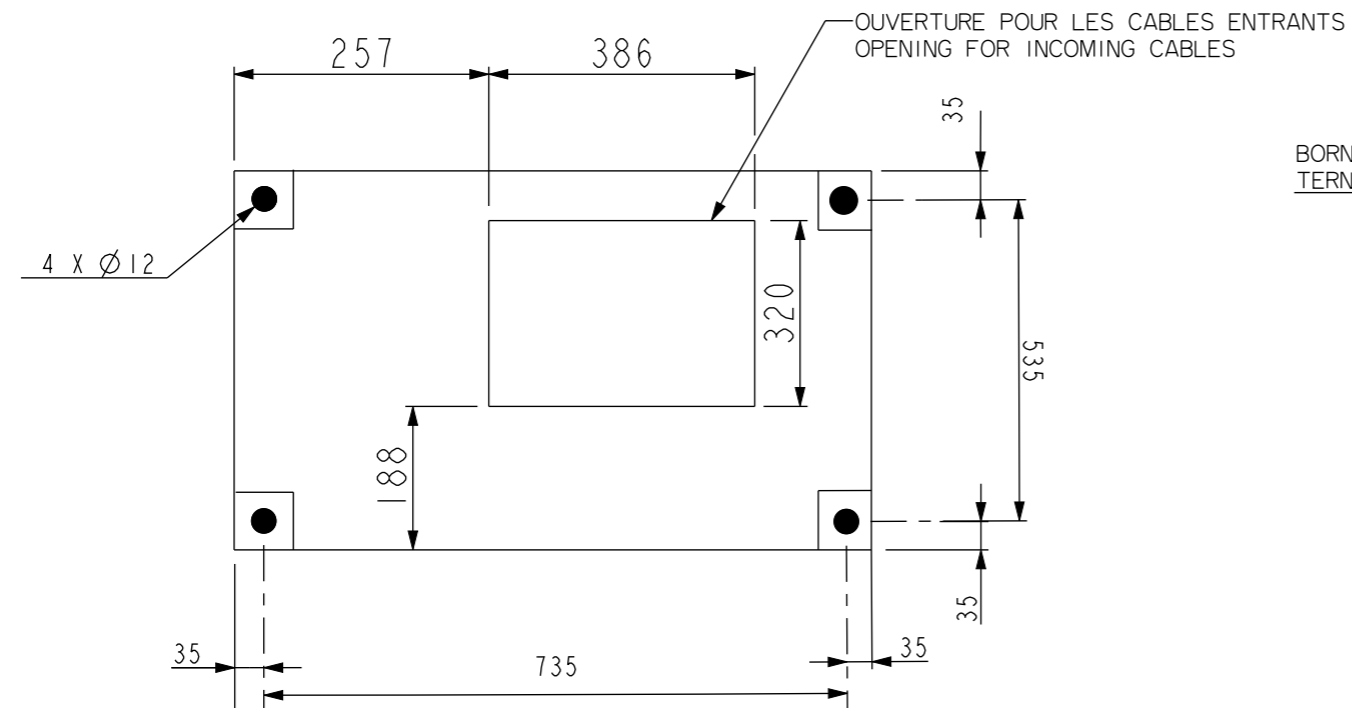


VENTILATEUR  
FAN

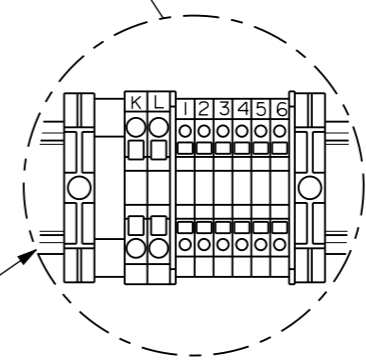
ZONE DE RACCORDEMENT  
CLIENT  
CUSTOMER CONNECTION  
AREA



GENIE CIVIL / CIVIL ENGINEERING

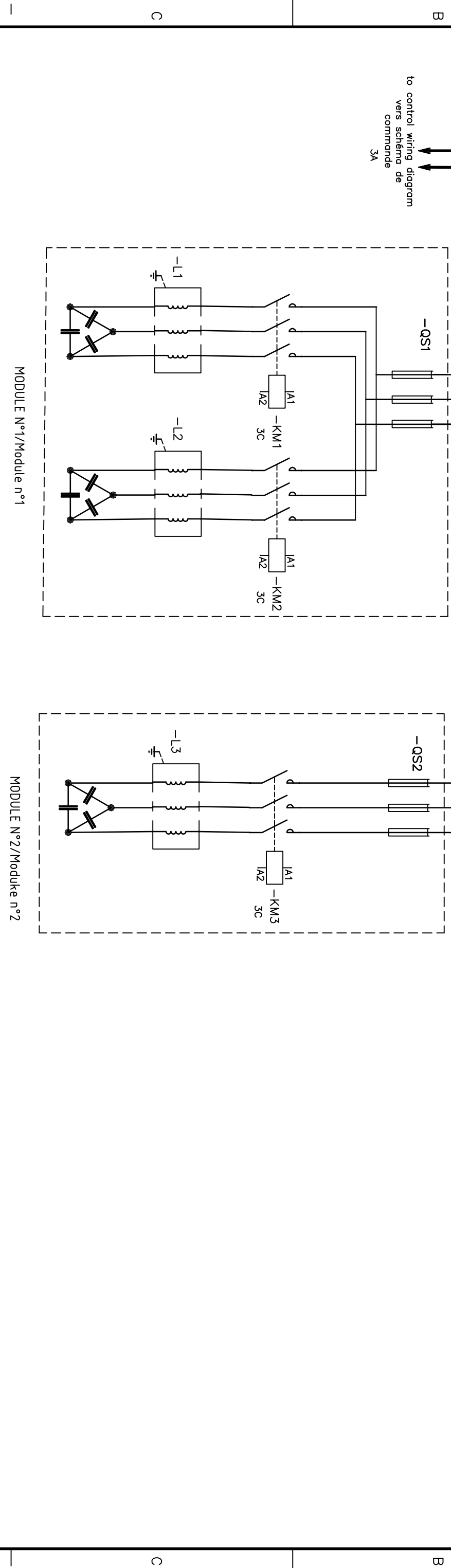
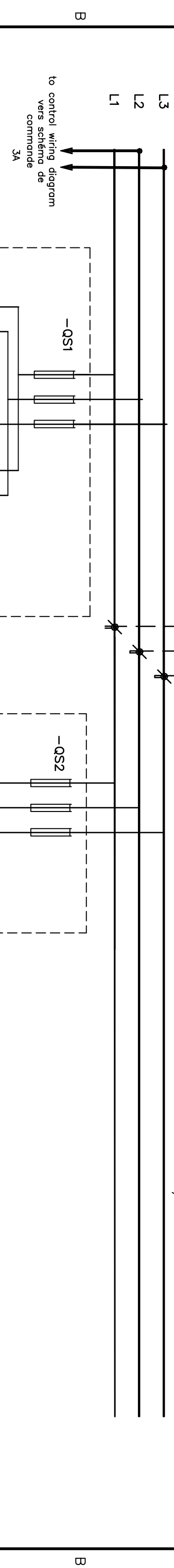
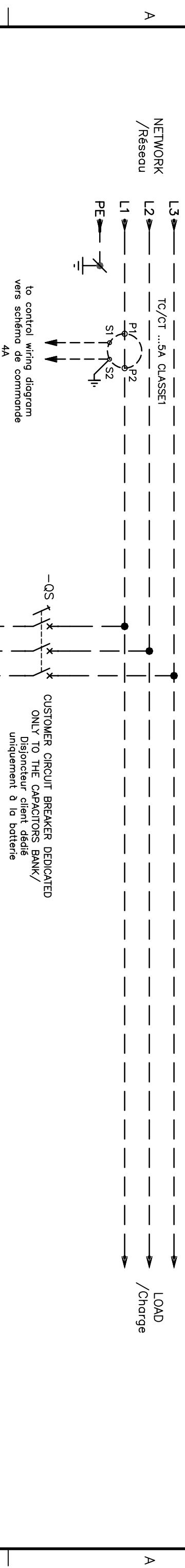


BORNIER DE RACCORDEMENT  
TERMINAL BLOCK CONNECTION



Approximate weight: 350kg

	Scale: 0.04	Technical Specification:	Units of measure : mm
	Document Description: <b>DIMENSIONS GENIE CIVIL / CIVIL ENGINEERING DIMENSIONS</b>		
Document Number: <b>EF2PA2M3SBWOCBPF</b>		Doc. Rev. <b>00</b>	Sheet: <b>1 / 1</b>
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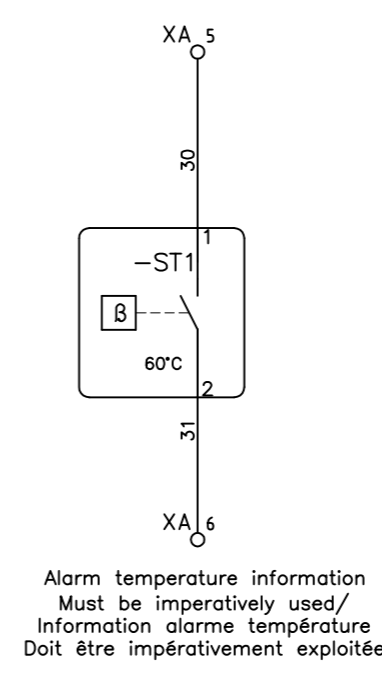
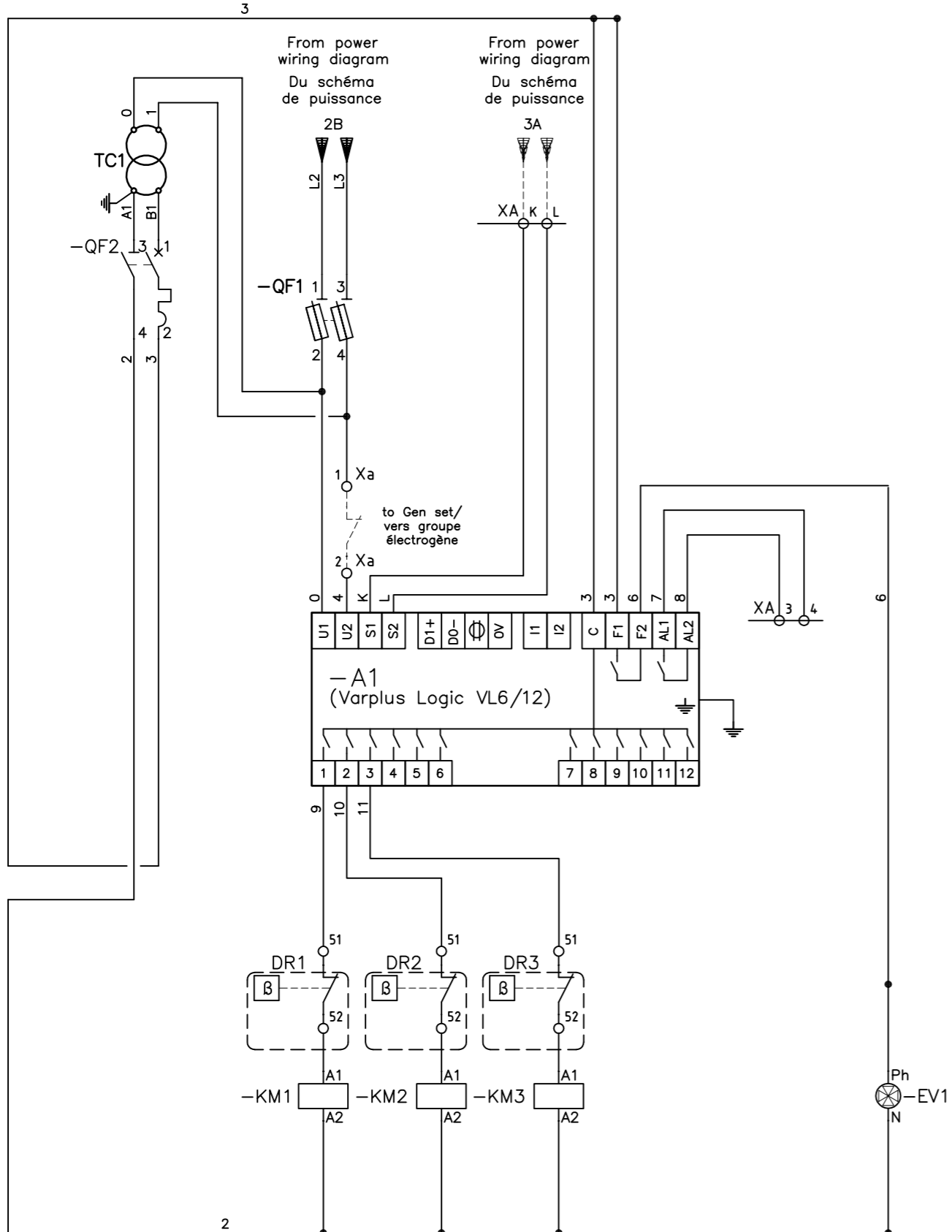
		Scale:
		Tolerancing Standard :
<b>F2P auto P wiring diag W/O CB 3 steps</b>		Units of measure :
Number:	<b>PF2PA3S(DS)WOCBSPF</b>	
Revision:	<b>00</b>	
Sheet:	<b>1 / 1</b>	

----- Connection not supply / Connexion non fournie

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State:

Original AutoCAD format A3



----- Connection not supply/Connexion non fournie

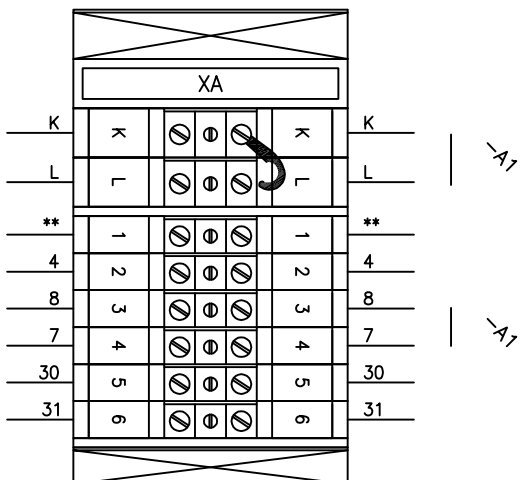
	Scale:	Tolerancing Standard :	Units of measure :	
	<b>F2P CONTROL WIRING DIAGRAM - 3 STEPS - WITHOUT CB</b> NETWORK : 400V-415V/50Hz & 400V/60Hz			
Number:		<b>CF2PA3S(DS)WOCB</b>	Revision:	Sheet:
			<b>00</b>	1 / 1
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# CUSTOMER TERMINAL BLOCK

## Bornier client

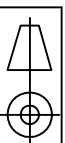
Клеммный блок для внешних присоединений

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



\*\*  
 = 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

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



Scale:

Tolerancing Standard :

Units of measure :

**Schneider**  
 Electric

CUSTOMER TERMINAL BLOCKS  
 BORNIER CLIENT

Number: **S1B9989700**

State:

Revision: **06** Sheet: 1 / 1

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