

CARACTÉRISTIQUES TECHNIQUES / Technical data
VLVAF2P03509AA

TENSION ASSIGNEE / rated voltage (Un):	400	V
PUISSANCE ASSIGNEE / rated power (Qn):	125	Kvar
COURANT ASSIGNÉ / rated current (In):	180	A
COURANT MAXIMUM PERMANENT / maximum continuous current (Imp):	214	A
FRÉQUENCE ASSIGNÉE / rated frequency (Fn):	50	Hz
ISOLEMENT / insulation (Um):	690	V
PERTES CALCULÉES / calculated losses:	750	W
ACCORD / tuning:	190	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	



VarSet capacitor bank Auto 125kvar DR3,8 with incomer CB xxB 400V 50Hz

Number:

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NOMENCLATURE / Bill of material

Item	Description	Part N°
QS01	Gamme / range – Ref Disjoncteur / Ref Breaker	NSX250N - LV431870
	Réglage / Setting	250/0,95/7
	Bobine MX - Auxiliary MX	LV429387

MODULES						
	n=1	n=2	n=3	n=4	n=5	n=6
Power (kVar)	25 + 50	50	-	-	-	-
QS _n	Fuses 160A	Fuses 125A				
KM _n	LC1D38P7 + LC1D95P7	LC1D95P7				
C _n	BLRCH339A407B48 + BLRCH680A000B48	BLRCH680A000B48				
DR _n	LVR7250A40T + LVR7500A40T	LVR7500A40T				
	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)	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 125kvar DR3,8 with incomer CB xxB 400V 50Hz

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A

B

C

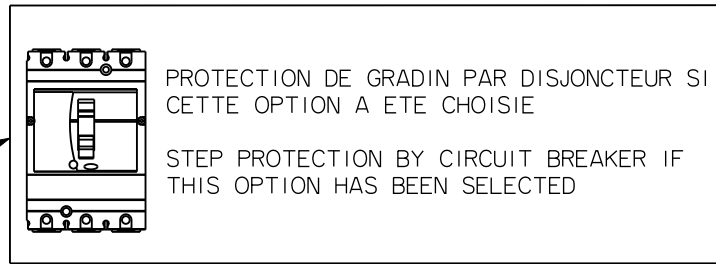
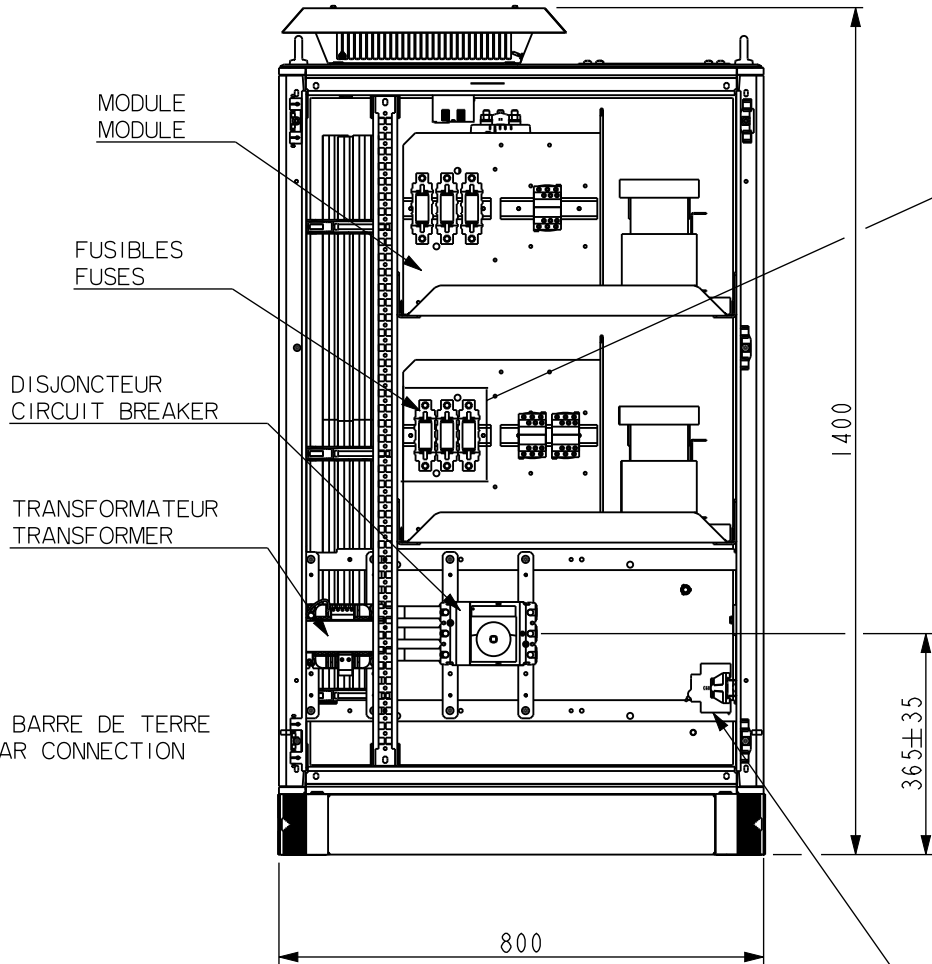
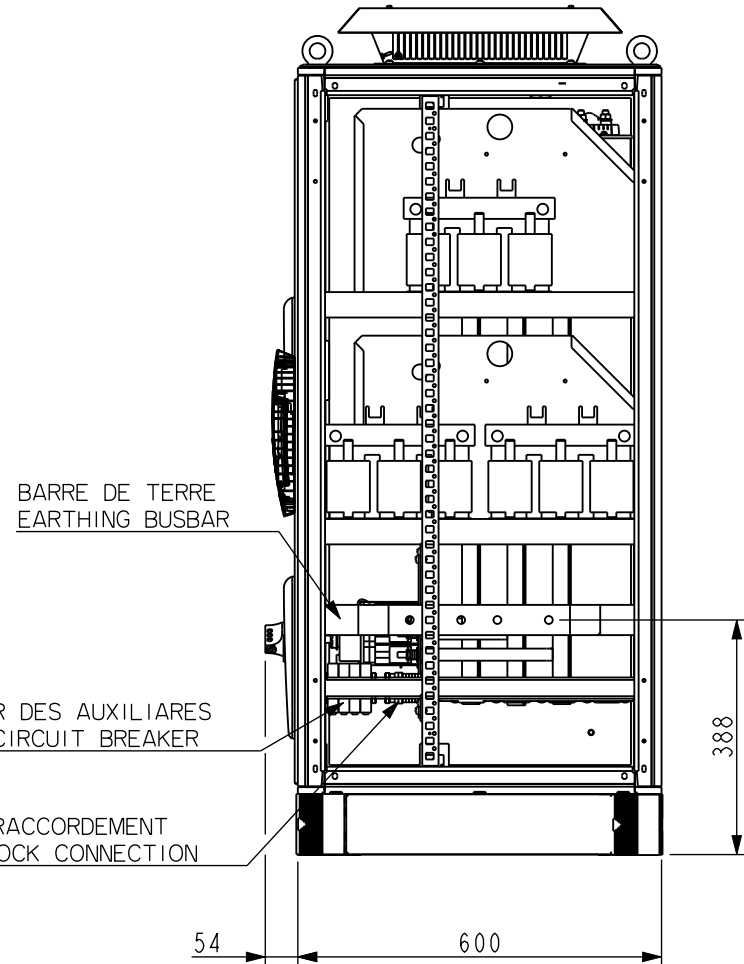
D

A

B

C

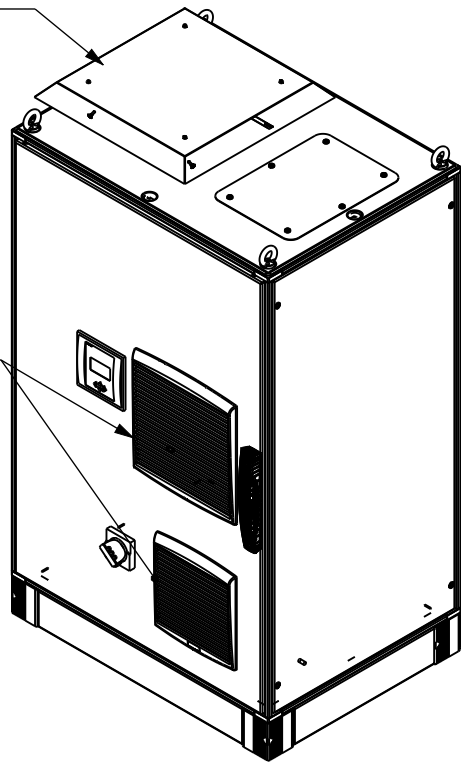
D



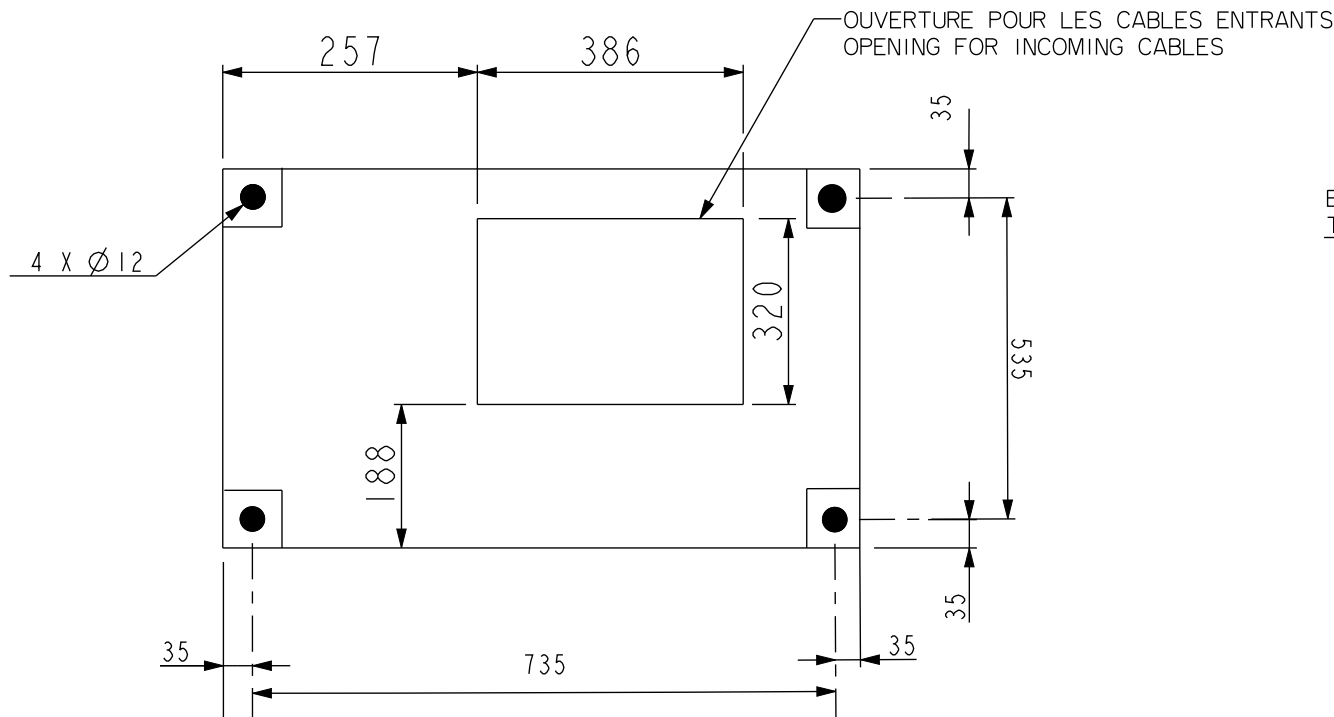
VENTILATEUR FAN

CONNEXION DIRECTE AU NSX 250 (ø8.5mm)
DIRECT CONNECTION TO NSX 250 (ø8.5mm)

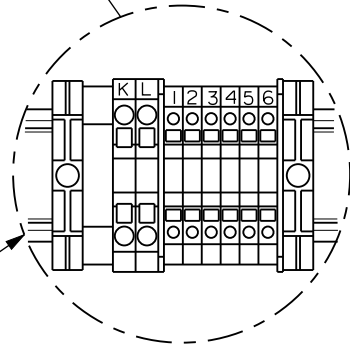
GRILLES D'ENTREE D'AIR AIR INLET GRID



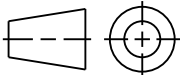
GENIE CIVIL / CIVIL ENGINEERING

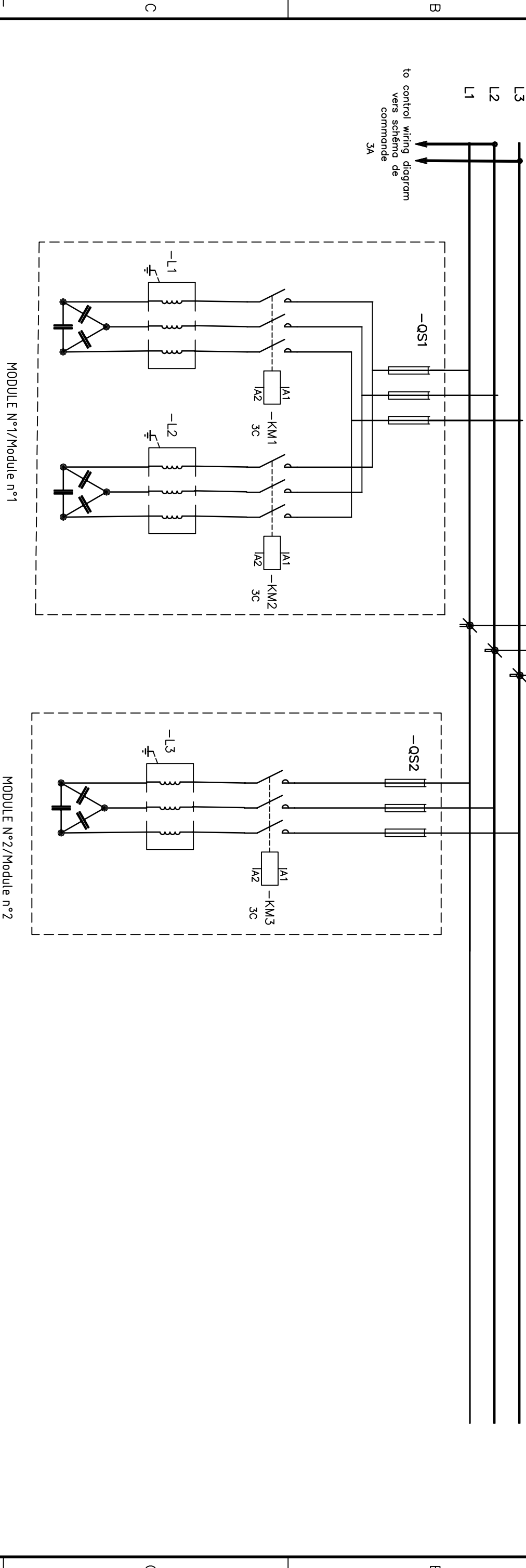
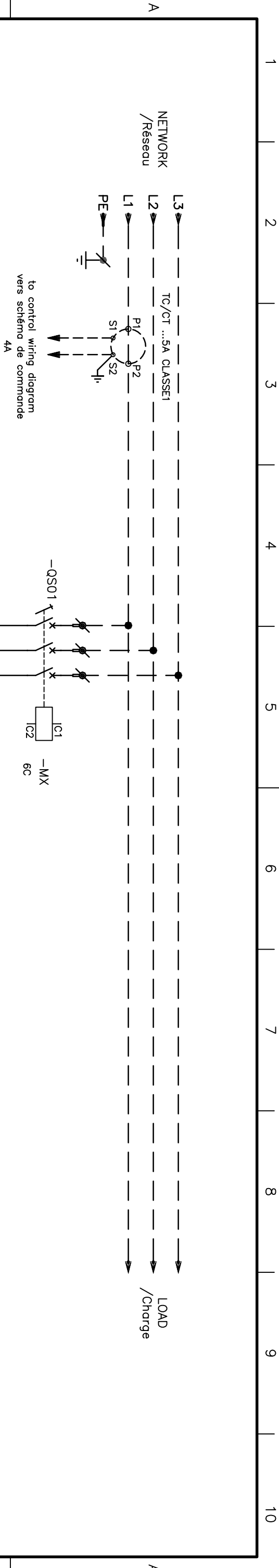


BORNIER DE RACCORDEMENT TERNIMAL BLOCK CONNECTION



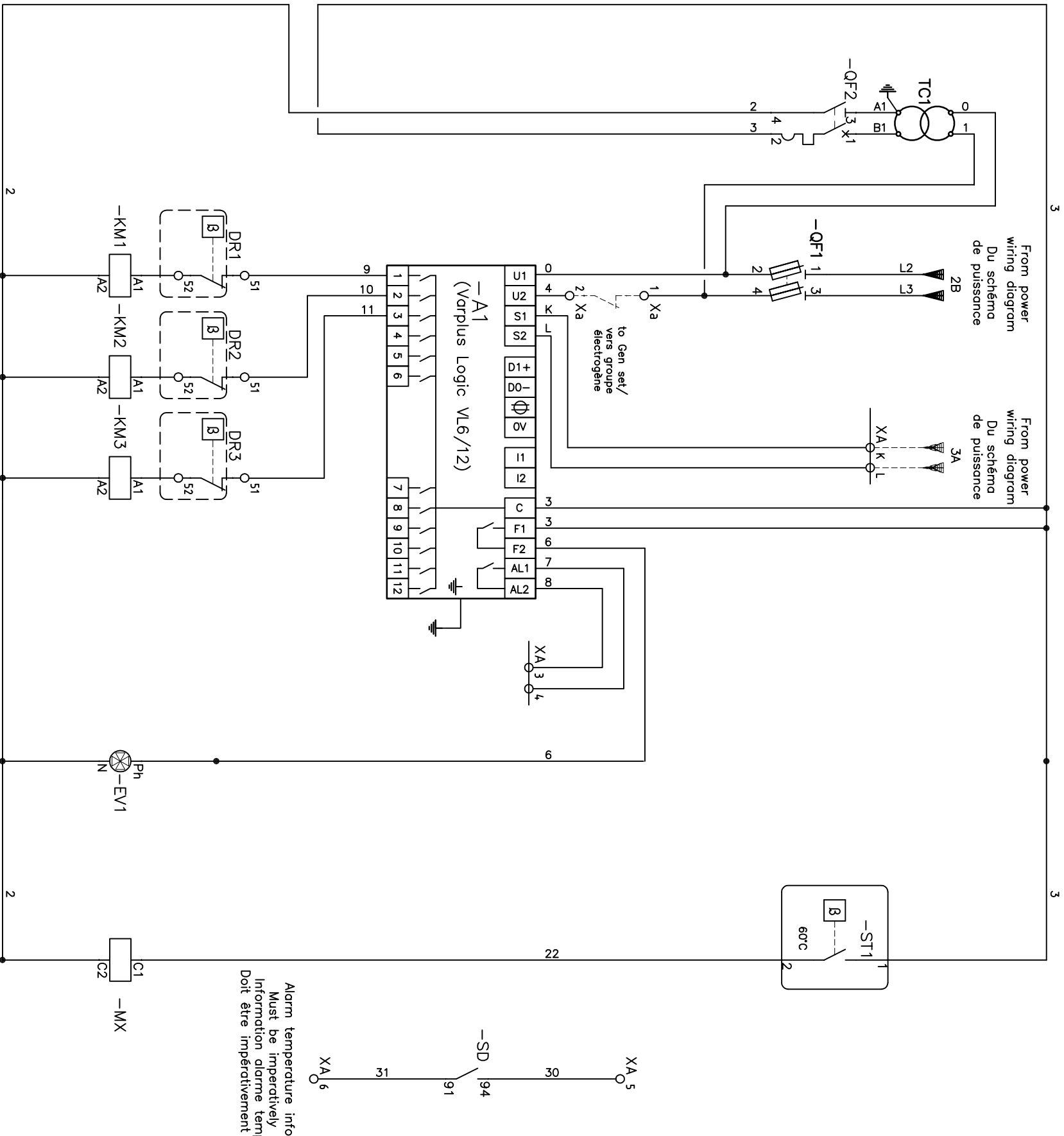
Approximate weight:350kg

		Scale: 0.04		Technical Specification:		Units of measure : mm	
				Document Description:			
				DIMENSIONS GENIE CIVIL / CIVIL ENGINEERING DIMENSIONS			
				Document Number:		Doc. Rev.	Sheet:
				EF2PA2M3SBWCBPF		00	1 / 1
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	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



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

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

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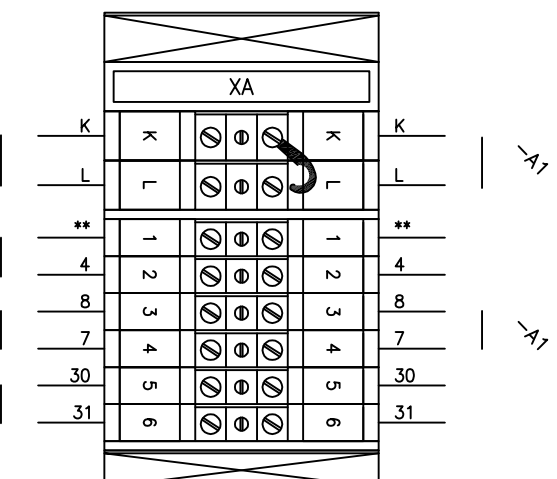
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CUSTOMER TERMINAL BLOCK

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



Scale:

Tolerancing Standard :

Units of measure :

Schneider
Electric

CUSTOMER TERMINAL BLOCKS
BORNIER CLIENT

Number: **S1B9989700**

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