

CARACTÉRISTIQUES TECHNIQUES / Technical data
VLVAF5N03520AB

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): - 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 : PF5NA6S(D41)WOCBSPF
SCHEMA ELECTRIQUE DE CONTROLE / Control diagram : CF5N6S(D41)WOCB
PLANS D'ARCHITECTURE, D'IMPLANTATION & D'INSTALLATION /
General Arrangement, Layout & Installation drawings : EF5NA5M6SBWOCBF
BORNIER CLIENT / Customer Terminal Blocks : S1B9989700

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)	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)	NSYCCOTH0
ST2	Thermostat (overheating)	NSYCCOTH0
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)



VarSet capacitor bank Auto 500kvar xxB 400V 50Hz

Number:

VL VAF5N03520AB

Revision:

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Sheet:

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A

B

C

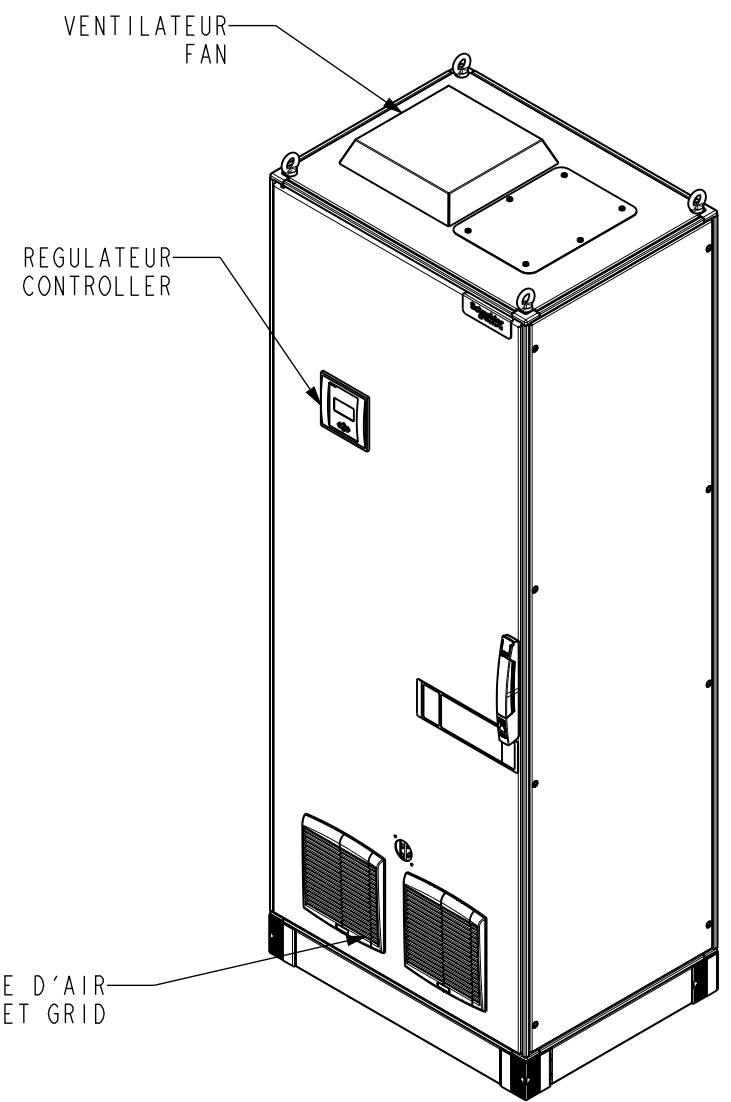
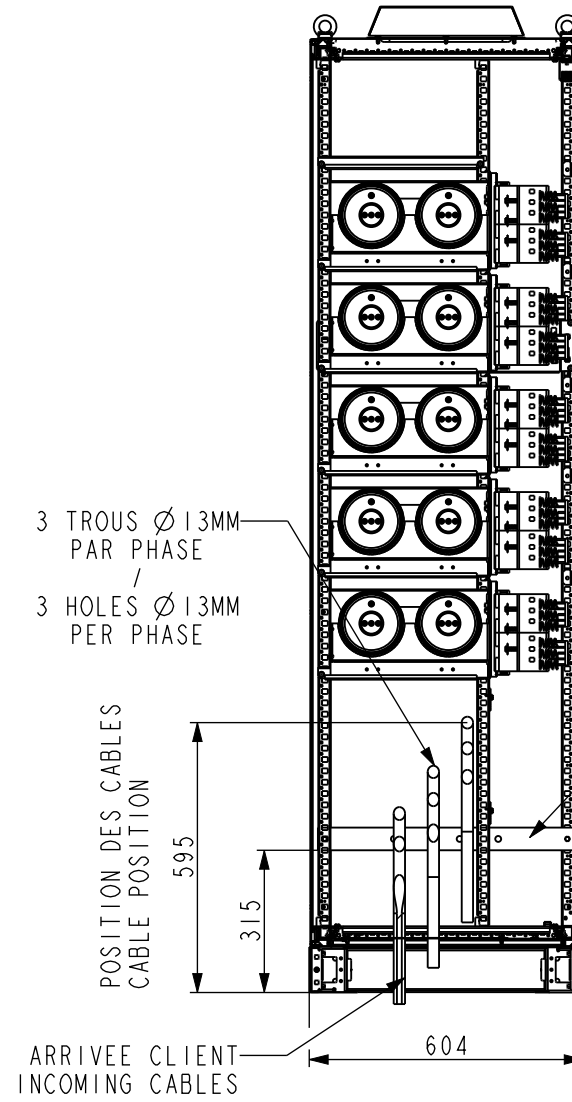
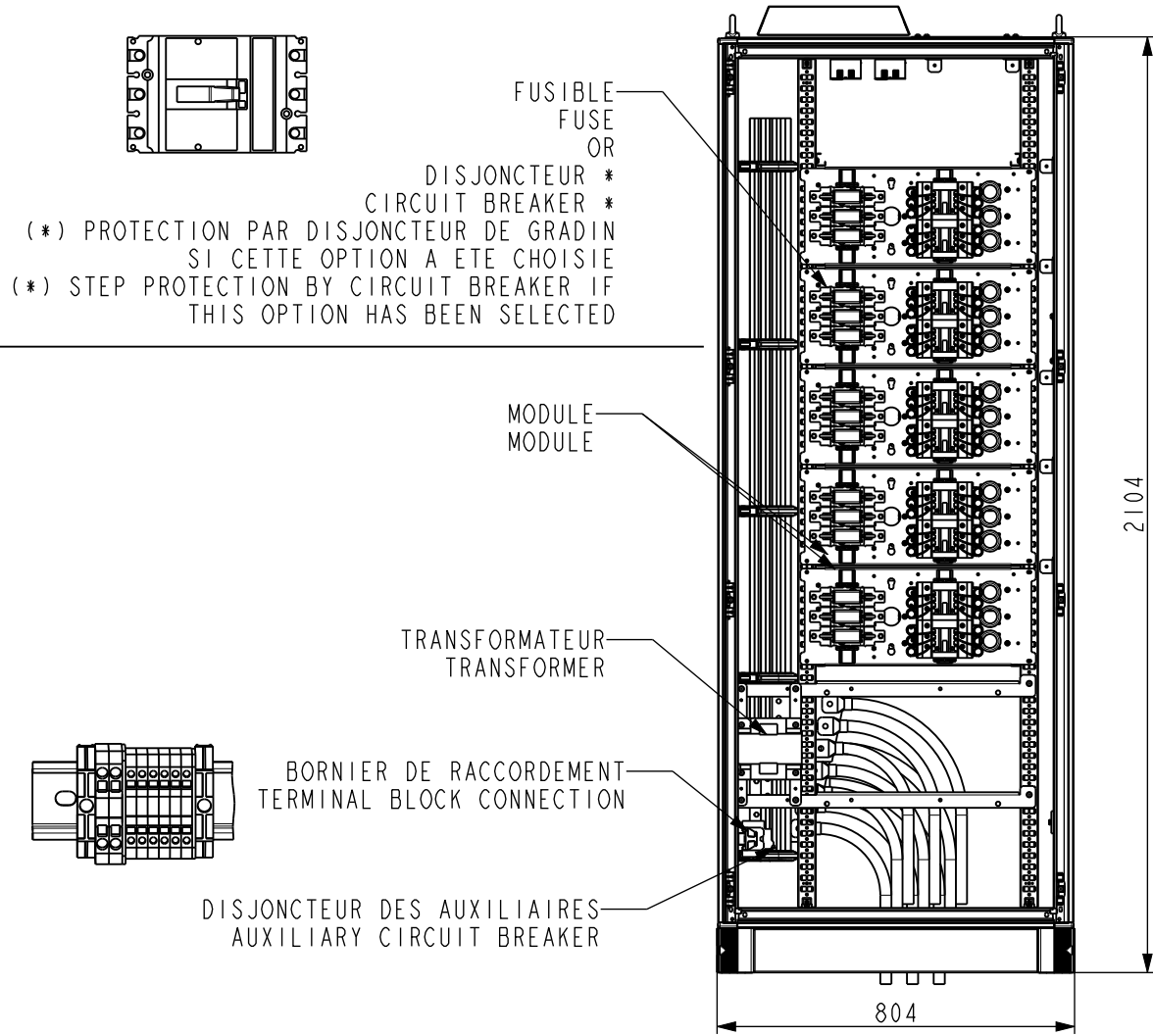
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A

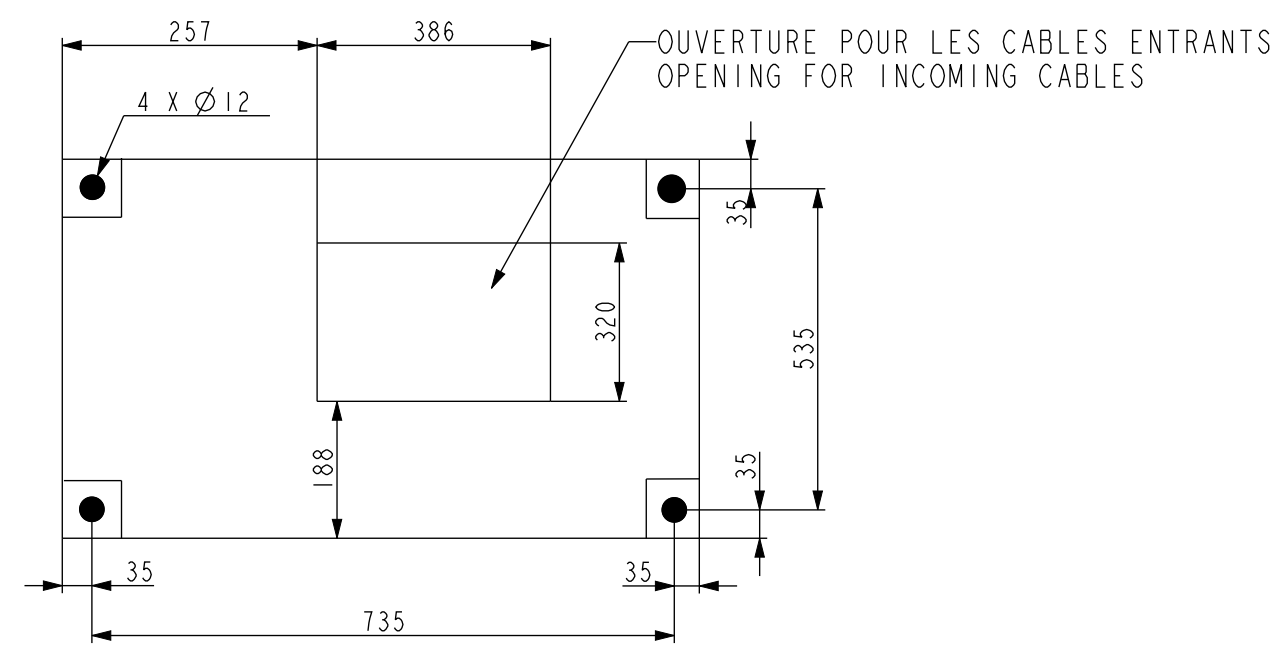
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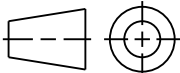
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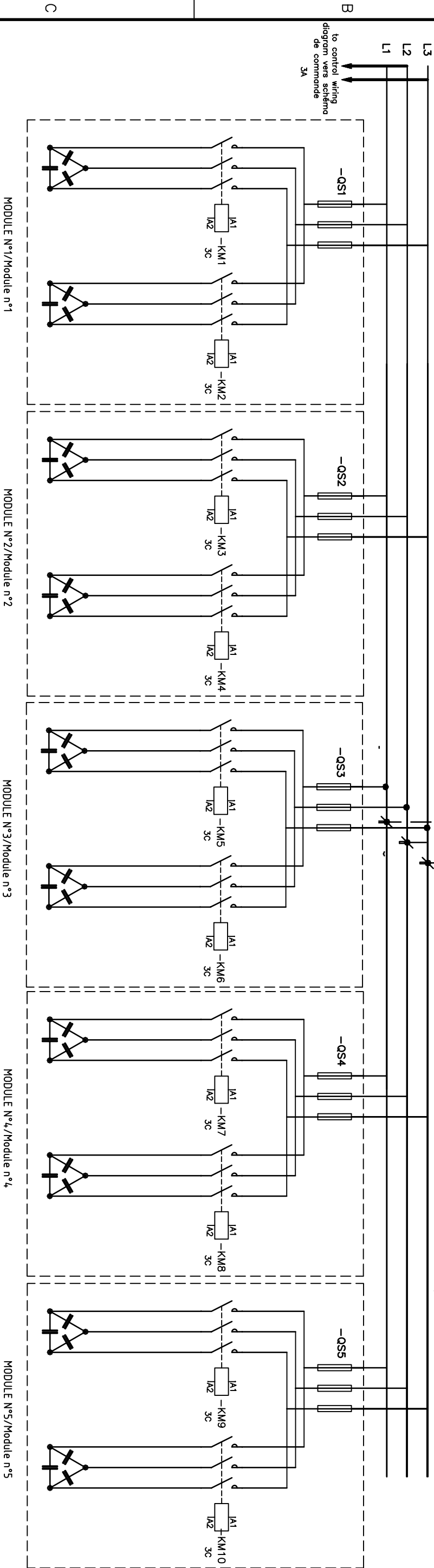
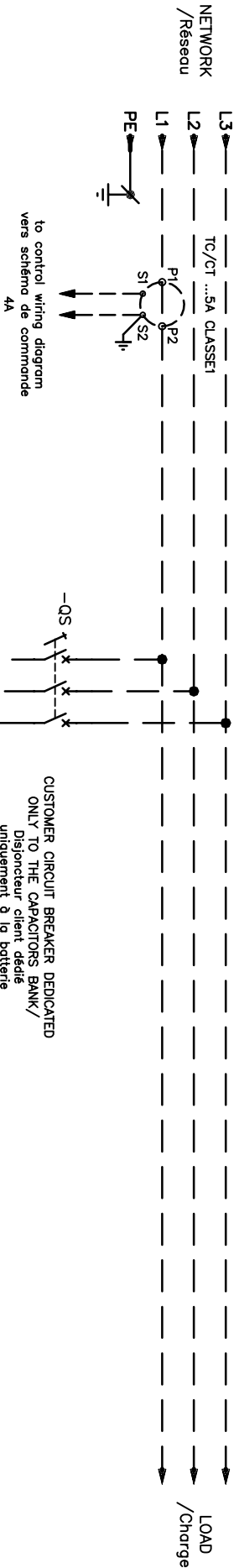
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GENIE CIVIL / CIVIL ENGINEERING



	Scale:	Technical Specification:	Units of measure : mm	
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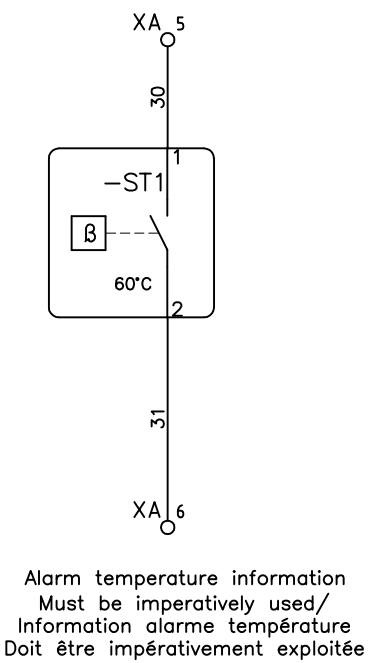
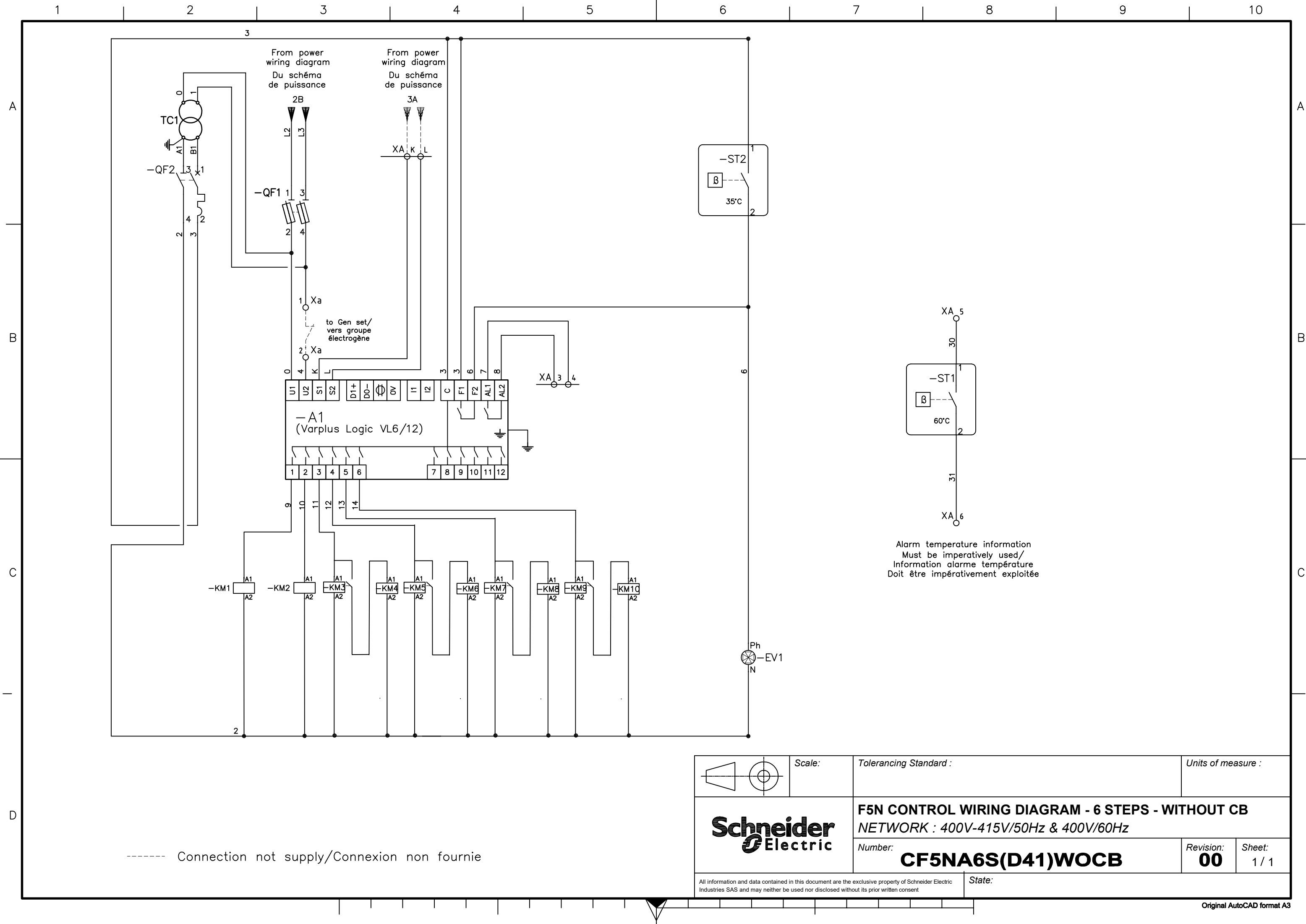


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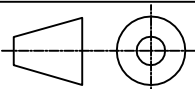
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Schneider Electric		F5N auto P wiring diag W/O CB 6 steps	
Number:	PF5NA6S(D41)WOCBSPF	Revision:	00
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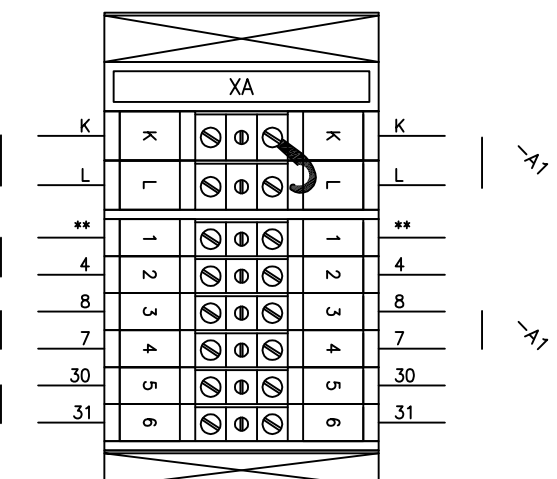
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	F5N CONTROL WIRING DIAGRAM - 6 STEPS - WITHOUT CB				
	NETWORK : 400V-415V/50Hz & 400V/60Hz				
	Number:		CF5NA6S(D41)WOCB		Revision: 00
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CUSTOMER TERMINAL BLOCK

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

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

Gen set/Генераторная установка
PFC alarm/Аларме температурного режима
PFC current measure/Mesure courant régulateur/
Измерение тока
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**

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