

CARACTÉRISTIQUES TECHNIQUES / Technical data
VLVAF2P03509AE

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):	234	A
FRÉQUENCE ASSIGNÉE / rated frequency (Fn):	50	Hz
ISOLEMENT / insulation (Um):	690	V
PERTES CALCULÉES / calculated losses:	750	W
ACCORD / tuning:	210	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	



VarSet capacitor bank Auto 125kvar DR4,2 xxB 400V 50Hz

Number:

VL VAF2P03509AE

Revision:

00

Sheet:

1/2

Cette information est hautement confidentielle et elle est la propriété exclusive de Schneider Electric. Ce document ne doit pas être utilisé à d'autres fins que celles expressément permises par écrit par les propriétaires et ne doit pas être divulgué ou reproduit de quelque manière que ce soit sans la permission écrite des propriétaires.

The information is highly confidential and is the exclusive property of Schneider Electric copyright reserved. This document must not be used for any purpose other than that expressly permitted in writing by the owners and must not be disclosed or reproduced in any way without permission from the owners in writing.

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 + 50	50	-	-	-	-
QS _n	Fuses 160A	Fuses 125A				
KM _n	LC1D38P7 + LC1D95P7	LC1D95P7				
C _n	BLRCH339A407B48 + BLRCH680A000B48	BLRCH680A000B48				
DR _n	LVR05250A40T + LVR05500A40T	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)	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 DR4,2 xxB 400V 50Hz

Number:

VL VAF2P03509AE

Revision:

00

Sheet:

2/2

Cette information est hautement confidentielle et elle est la propriété exclusive de Schneider Electric. Ce document ne doit pas être utilisé à d'autres fins que celles expressément permises par écrit par les propriétaires et ne doit pas être divulgué ou reproduit de quelque manière que ce soit sans la permission écrite des propriétaires

The information is highly confidential and is the exclusive property of Schneider Electric copyright reserved. This document must not be used for any purpose other than that expressly permitted in writing by the owners and must not be disclosed or reproduced in any way without permission from the owners in writing.

A

B

C

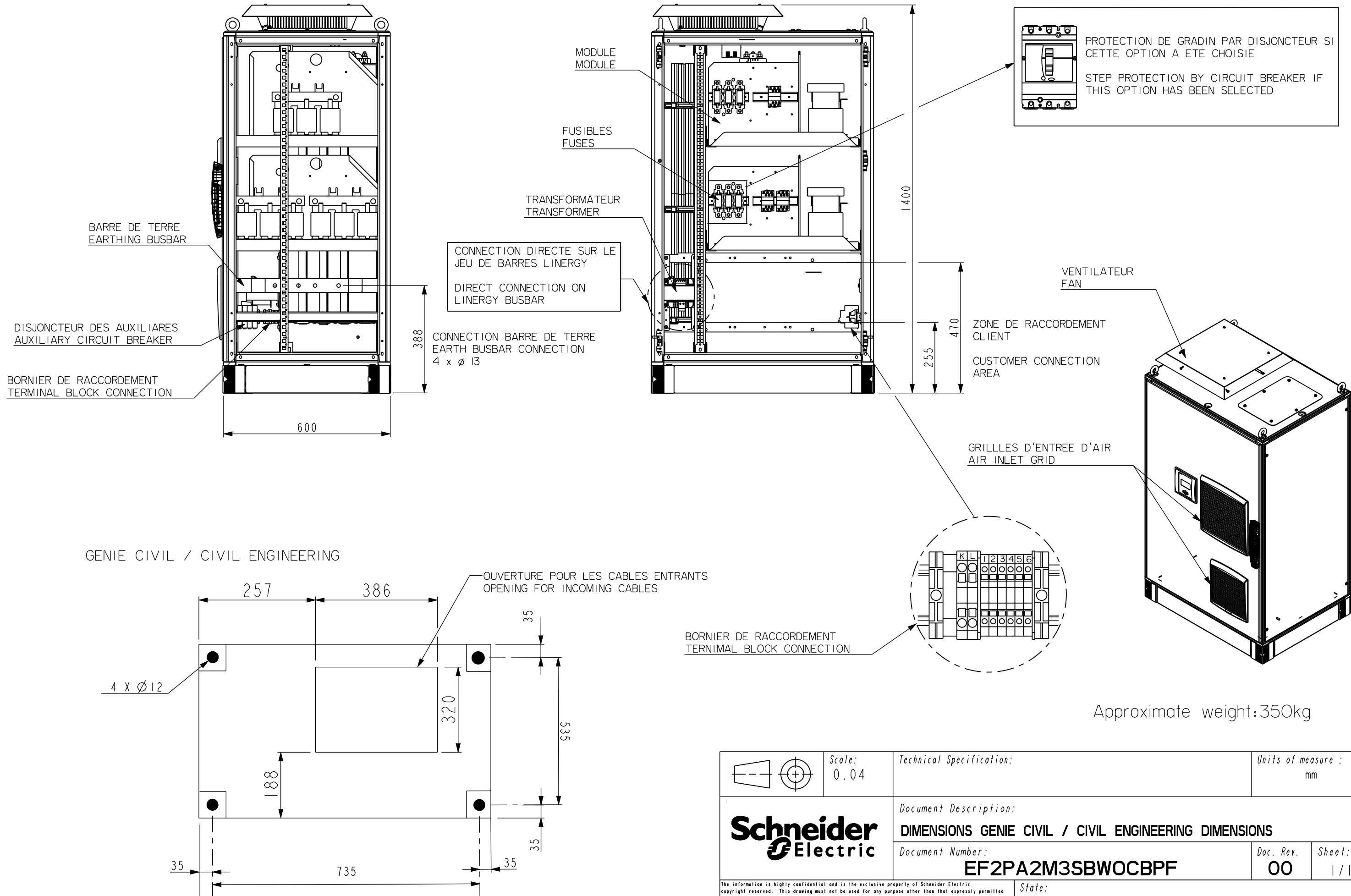
D

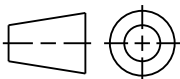
A

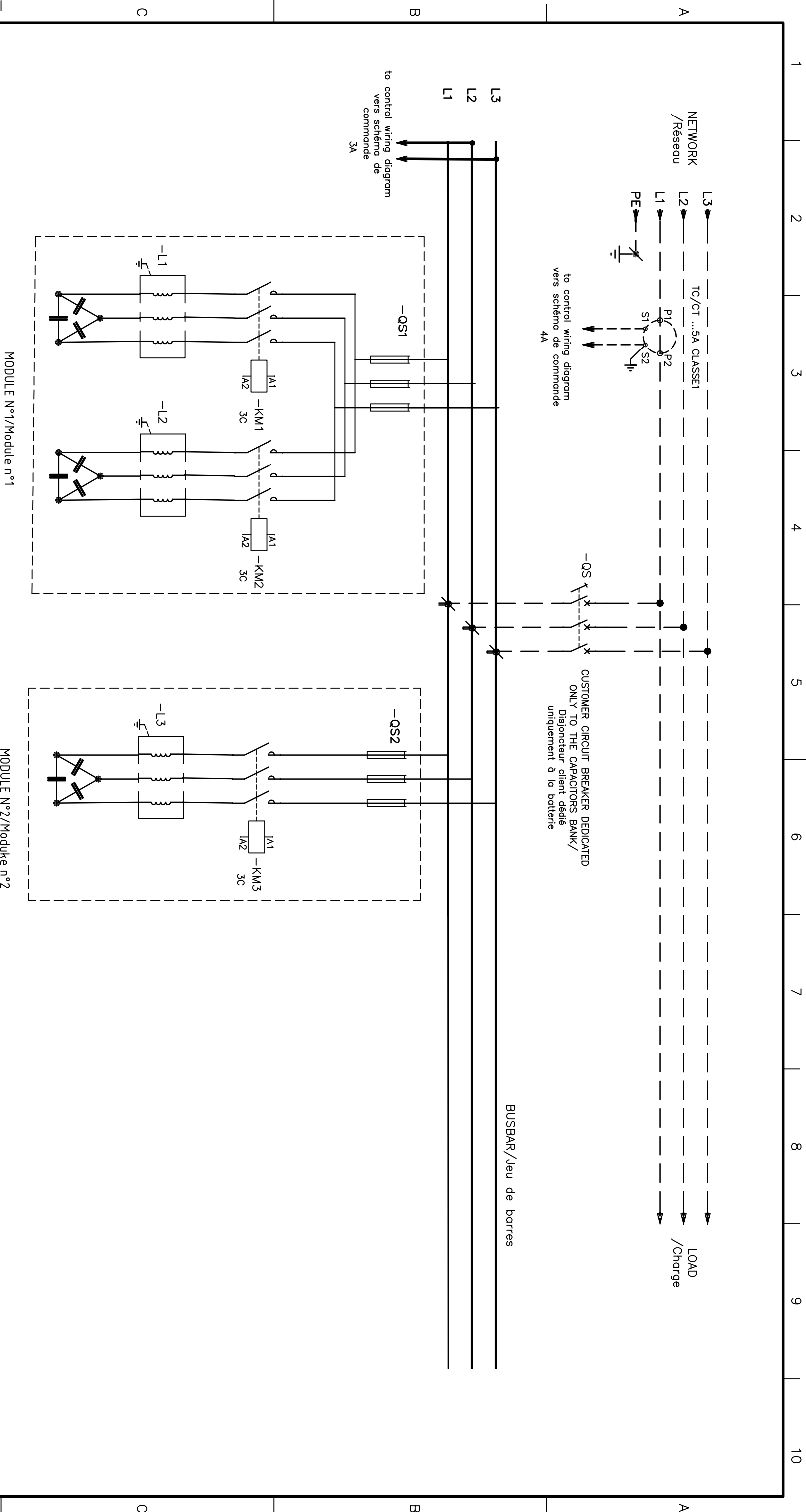
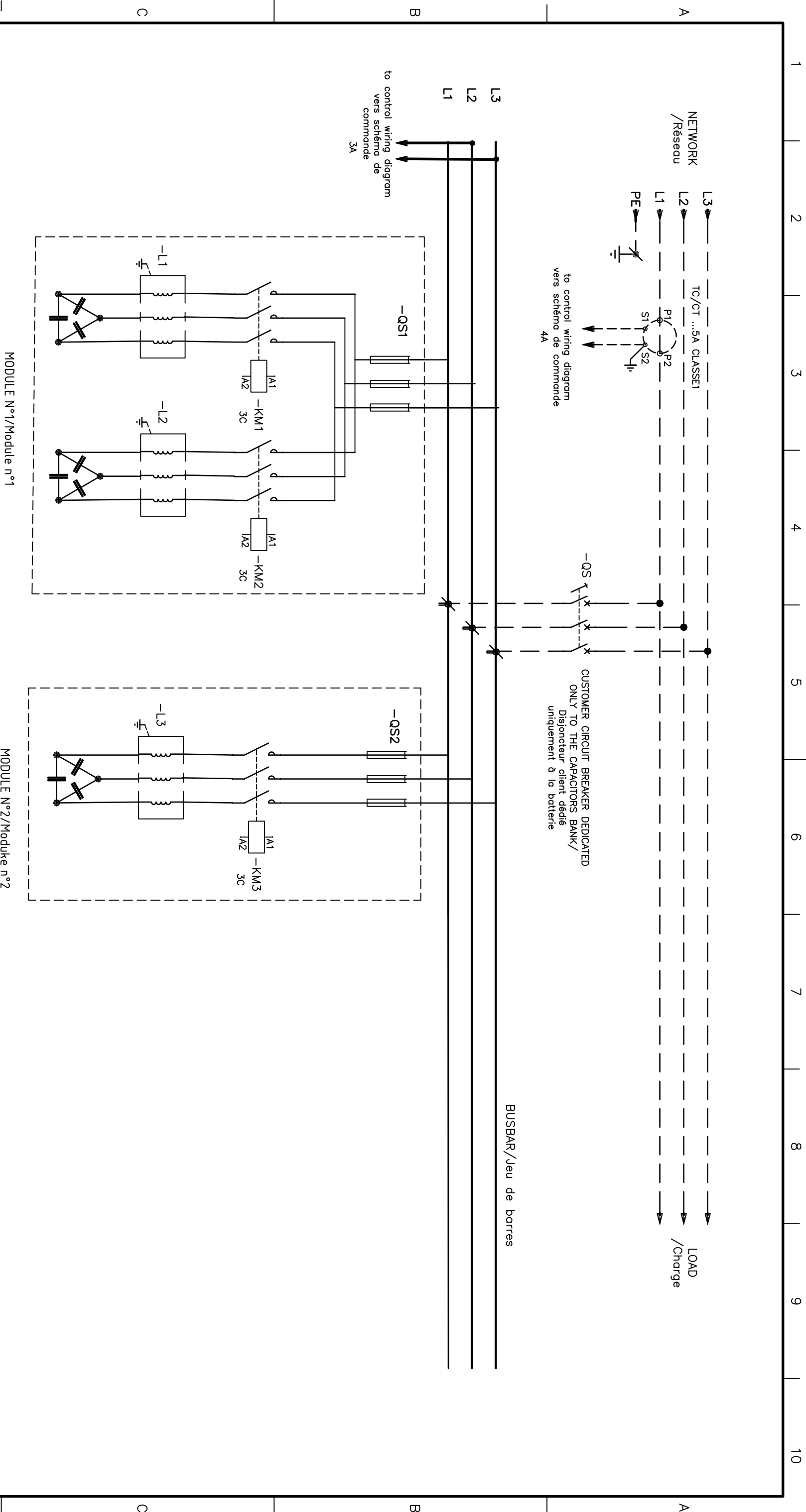
B

C

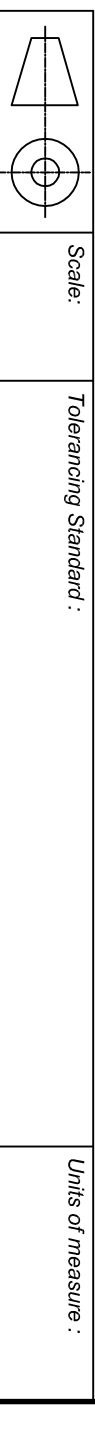
D



		Scale: 0.04		Technical Specification:		Units of measure : mm	
				Document Description:			
				DIMENSIONS GENIE CIVIL / CIVIL ENGINEERING DIMENSIONS			
				Document Number: EF2PA2M3SBWOCBPF		Doc. Rev. 00	Sheet: 1 / 1
The information is highly confidential and is the exclusive property of Schneider Electric copyright reserved. This drawing must not be used for any purpose other than that expressly permitted in writing by the owners and must not be disclosed or reproduced in any way without permission from the owners in writing. This drawing must be returned to the owners when the purpose has ceased.				State:			



D	Connection not supply/Connexion non fournie



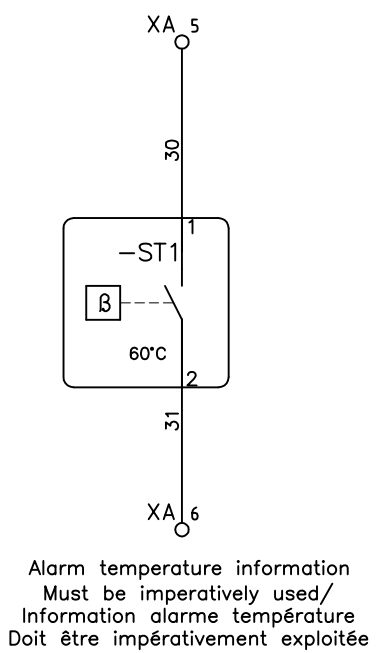
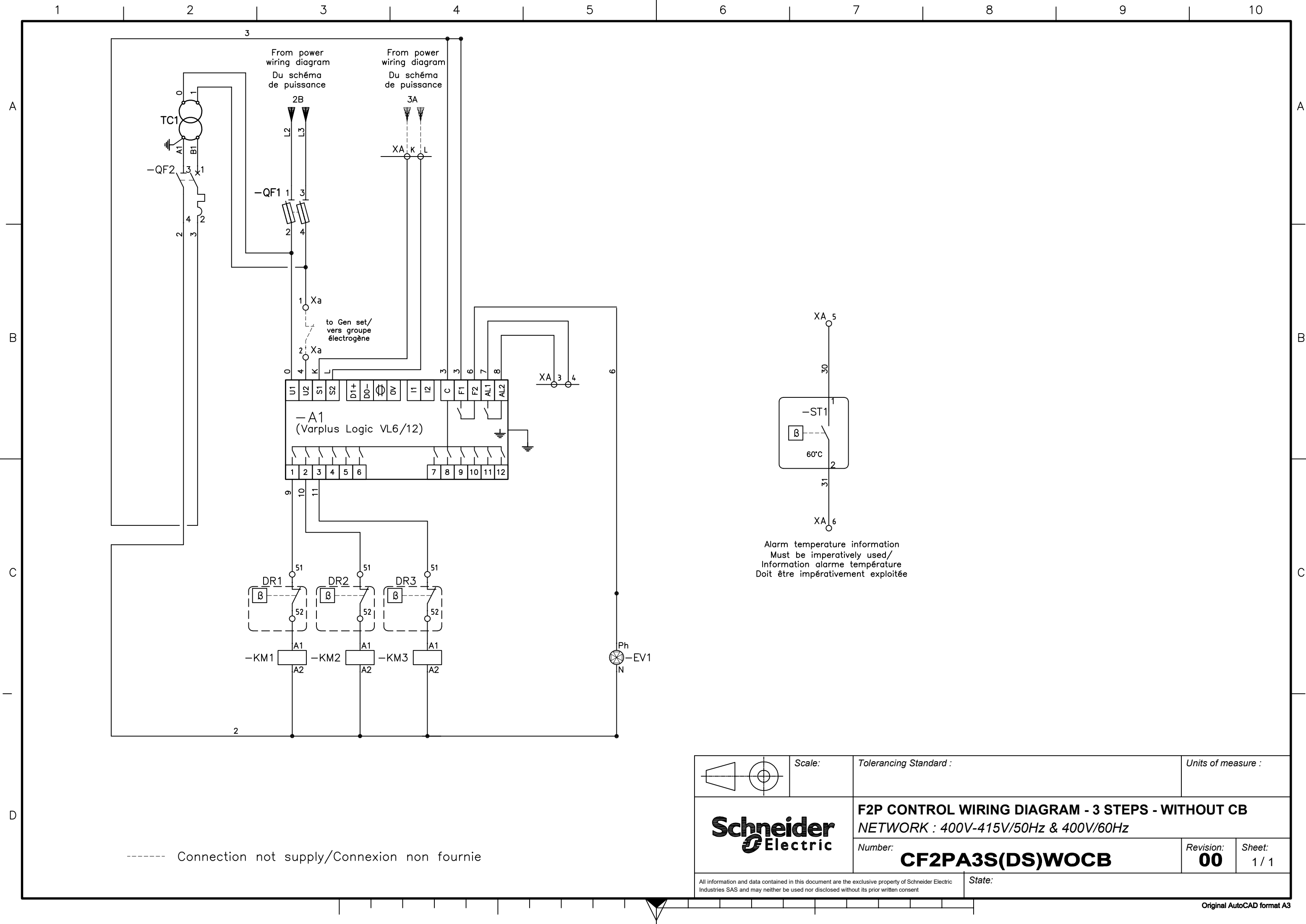
Schneider
Electric

Number: PF2PA3S(DS)WOCBSPF

Revision: 00 Sheet: 1 / 1

All information and data contained in this document are the exclusive property of Schneider Electric

State:



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

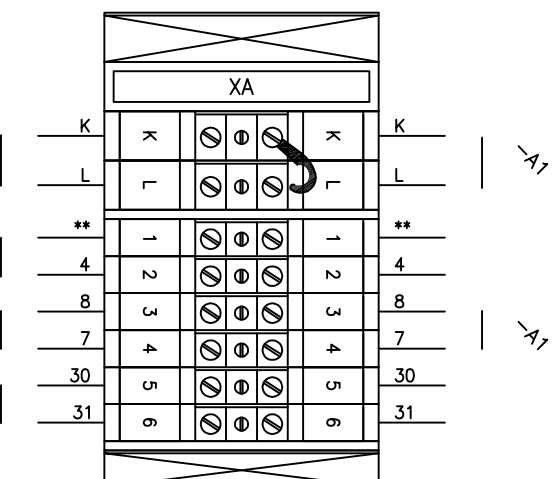
	Scale:	Tolerancing Standard :		Units of measure :	
	F2P CONTROL WIRING DIAGRAM - 3 STEPS - WITHOUT CB NETWORK : 400V-415V/50Hz & 400V/60Hz				
	Number: CF2PA3S(DS)WOCB		Revision: 00	Sheet: 1 / 1	
All information and data contained in this document are the exclusive property of Schneider Electric Industries SAS and may neither be used nor disclosed without its prior written consent.			State:		

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



Schneider
Electric

CUSTOMER TERMINAL BLOCKS
BORNIER CLIENT
Number: S1B9989700

Revision: 06
Sheet: 1 / 1