

CARACTÉRISTIQUES TECHNIQUES / Technical data  
**VLVAF2P03507AA**

|                                                                                                                        |                                                              |       |
|------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|-------|
| TENSION ASSIGNEE / rated voltage (Un): .....                                                                           | 400                                                          | V     |
| PUISSANCE ASSIGNEE / rated power (Qn): .....                                                                           | 75                                                           | Kvar  |
| COURANT ASSIGNÉ / rated current (In): .....                                                                            | 108                                                          | A     |
| COURANT MAXIMUM PERMANENT / maximum continuous current (Imp): .....                                                    | 129                                                          | A     |
| FRÉQUENCE ASSIGNÉE / rated frequency (Fn): .....                                                                       | 50                                                           | Hz    |
| ISOLEMENT / insulation (Um): .....                                                                                     | 690                                                          | V     |
| PERTES CALCULÉES / calculated losses: .....                                                                            | 450                                                          | W     |
| ACCORD / tuning: .....                                                                                                 | 190                                                          | Hz    |
| COURANT ASSIGNE DE COURT-CIRCUIT CONDITIONNEL / rated<br>conditional short-circuit current (Icc): .....                | 50                                                           | kA    |
| COURANT ASSIGNE DE COURTE DUREE ADMISSIBLE / rated short-time<br>withstand current (Icw): .....                        | -                                                            | kA/1s |
| UTILISATION INTÉRIEURE / indoor type: .....                                                                            | IP31                                                         |       |
| NORME / standard: .....                                                                                                | IEC 61439-1 : 2011<br>IEC 61439-2 : 2011<br>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 : .....                                                                 | PF2PA2S(D)WCBSPF                                             |       |
| SCHEMA ELECTRIQUE DE CONTROLE / Control diagram : .....                                                                | CF2PA2S(D)WCB                                                |       |
| PLANS D'ARCHITECTURE, D'IMPLANTATION & D'INSTALLATION /<br>General Arrangement, Layout & Installation drawings : ..... | EF2PA1M2SBWCBPF                                              |       |
| BORNIER CLIENT / Customer Terminal Blocks : .....                                                                      | S1B9989700                                                   |       |



VarSet capacitor bank Auto 075kvar DR3,8 with incomer CB xxB 400V 50Hz

Number:

VLVAF2P03507AA

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 | NSX250N - LV431870 |
|      | Réglage / Setting                             | 160/0,9/7          |
|      | Bobine MX - Auxiliary MX                      | LV429387           |

| MODULES         |                                      |     |     |      |      |      |
|-----------------|--------------------------------------|-----|-----|------|------|------|
|                 | n=1                                  | n=2 | n=3 | n=4  | n=5  | n=6  |
|                 |                                      |     |     |      |      |      |
| Power (kVar)    | 25 + 50                              | -   | -   | -    | -    | -    |
| QS <sub>n</sub> | Fuses 160A                           |     |     |      |      |      |
| KM <sub>n</sub> | LC1D38P7 + LC1D95P7                  |     |     |      |      |      |
| C <sub>n</sub>  | BLRCH339A407B48 +<br>BLRCH680A000B48 |     |     |      |      |      |
| DR <sub>n</sub> | LVR7250A40T +<br>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                  | 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 075kvar DR3,8 with incomer CB xxB 400V 50Hz

Number:

VL VAF2P03507AA

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

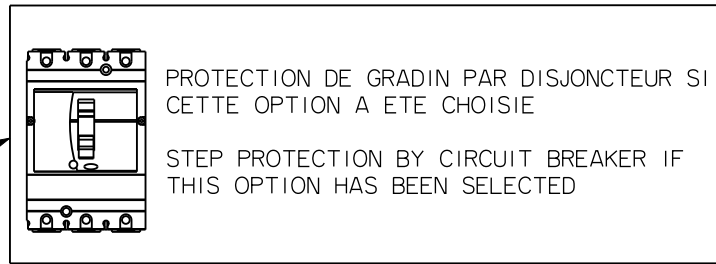
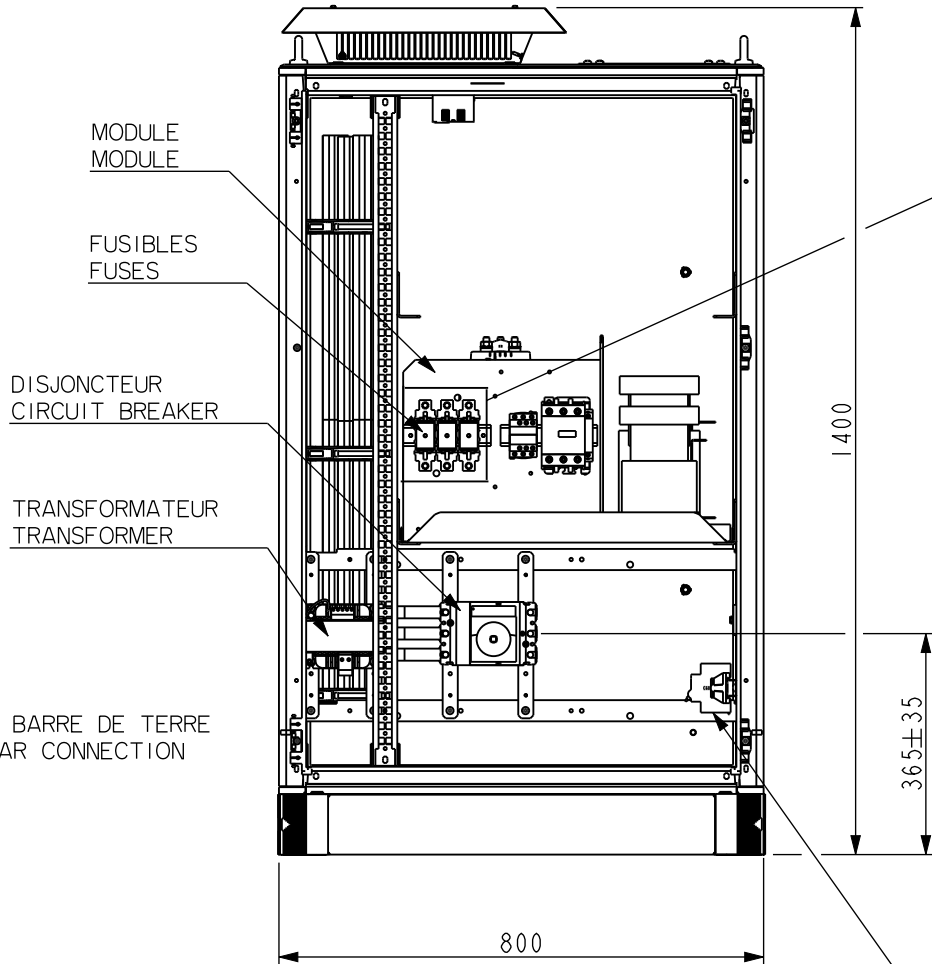
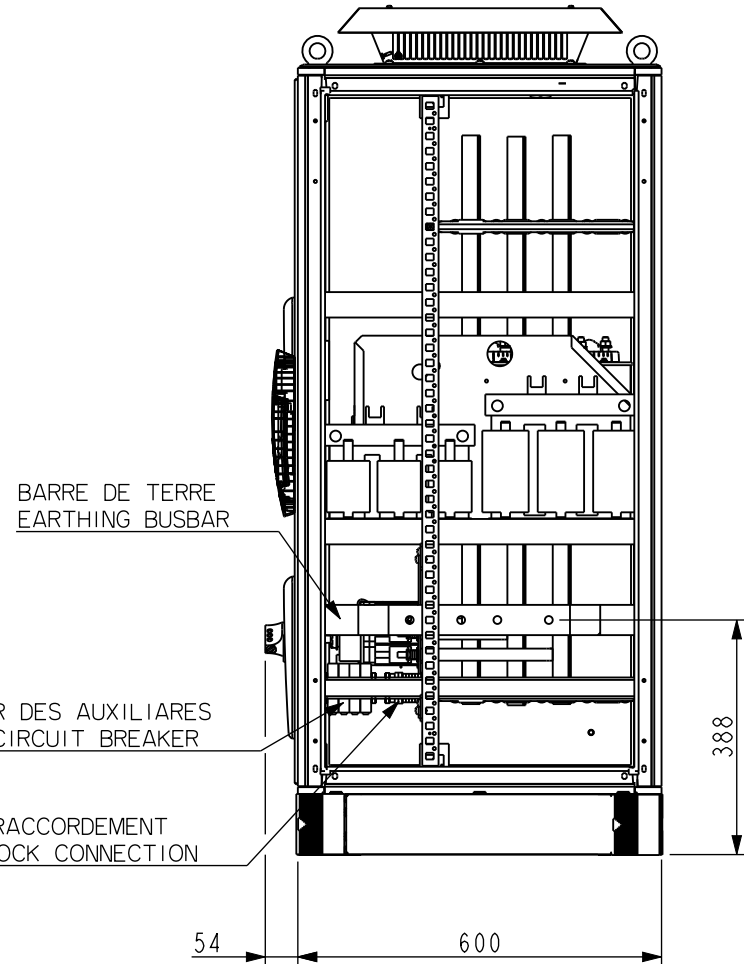
D

A

B

C

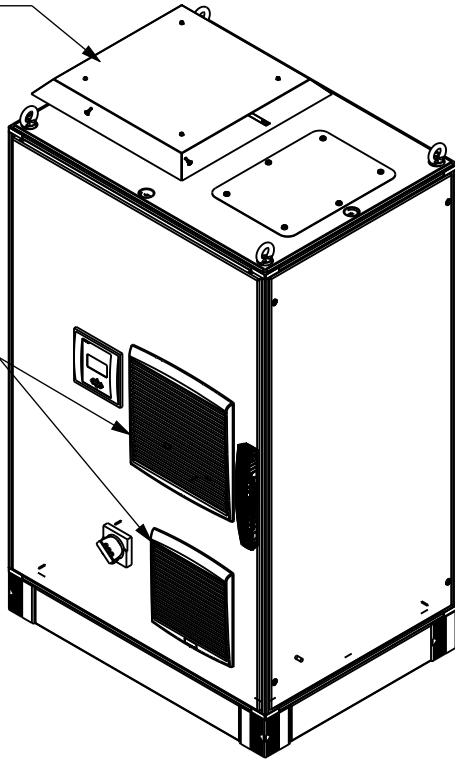
D



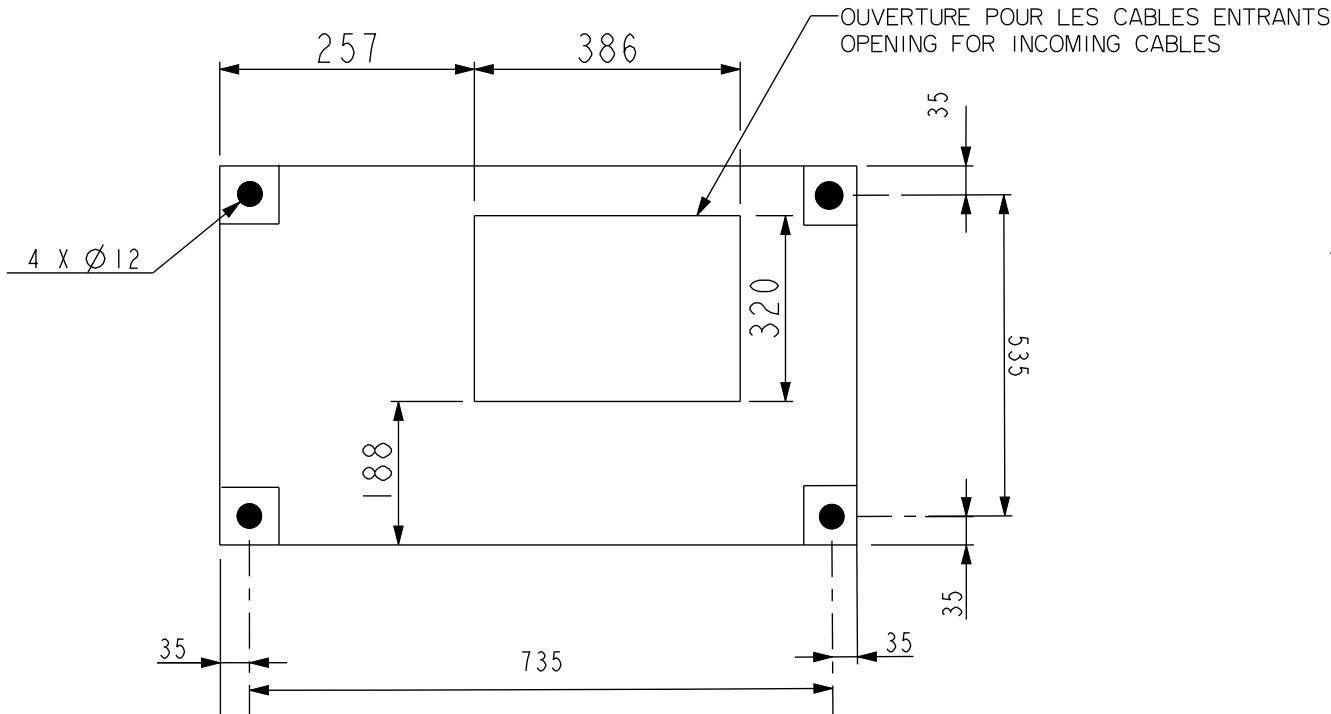
VENTILATEUR FAN

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

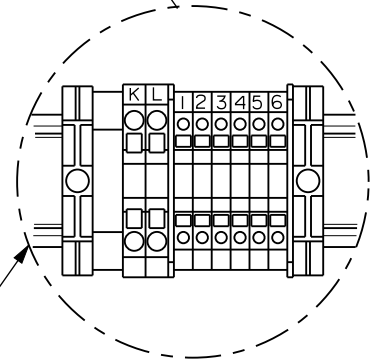
GRILLES D'ENTREE D'AIR AIR INLET GRID



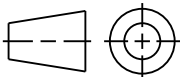
GENIE CIVIL / CIVIL ENGINEERING

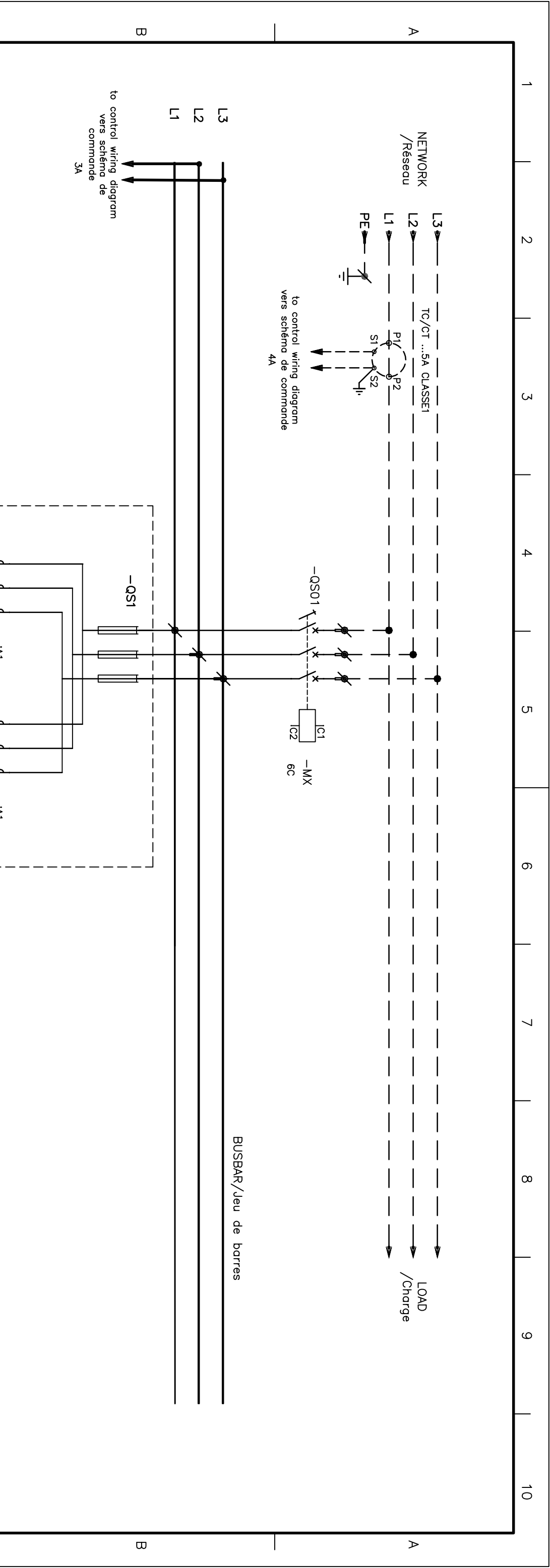


BORNIER DE RACCORDEMENT TERNINAL BLOCK CONNECTION



Approximate weight: 350kg

|                                                                                                                                                                                                                                                                                                                                                                                                      |                                                       |                          |           |                              |        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|--------------------------|-----------|------------------------------|--------|
|                                                                                                                                                                                                                                                                                                                 | Scale:<br>0.04                                        | Technical Specification: |           | Units of measure :<br><br>mm |        |
|                                                                                                                                                                                                                                                                                                                                                                                                      |                                                       |                          |           |                              |        |
|                                                                                                                                                                                                                                                                                                                 | Document Description:                                 |                          |           |                              |        |
|                                                                                                                                                                                                                                                                                                                                                                                                      | DIMENSIONS GENIE CIVIL / CIVIL ENGINEERING DIMENSIONS |                          |           |                              |        |
|                                                                                                                                                                                                                                                                                                                                                                                                      | Document Number:                                      |                          | Doc. Rev. |                              | Sheet: |
|                                                                                                                                                                                                                                                                                                                                                                                                      |                                                       | EF2PA1M2SBWCBPF          |           | 00<br>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:                   |           |                              |        |



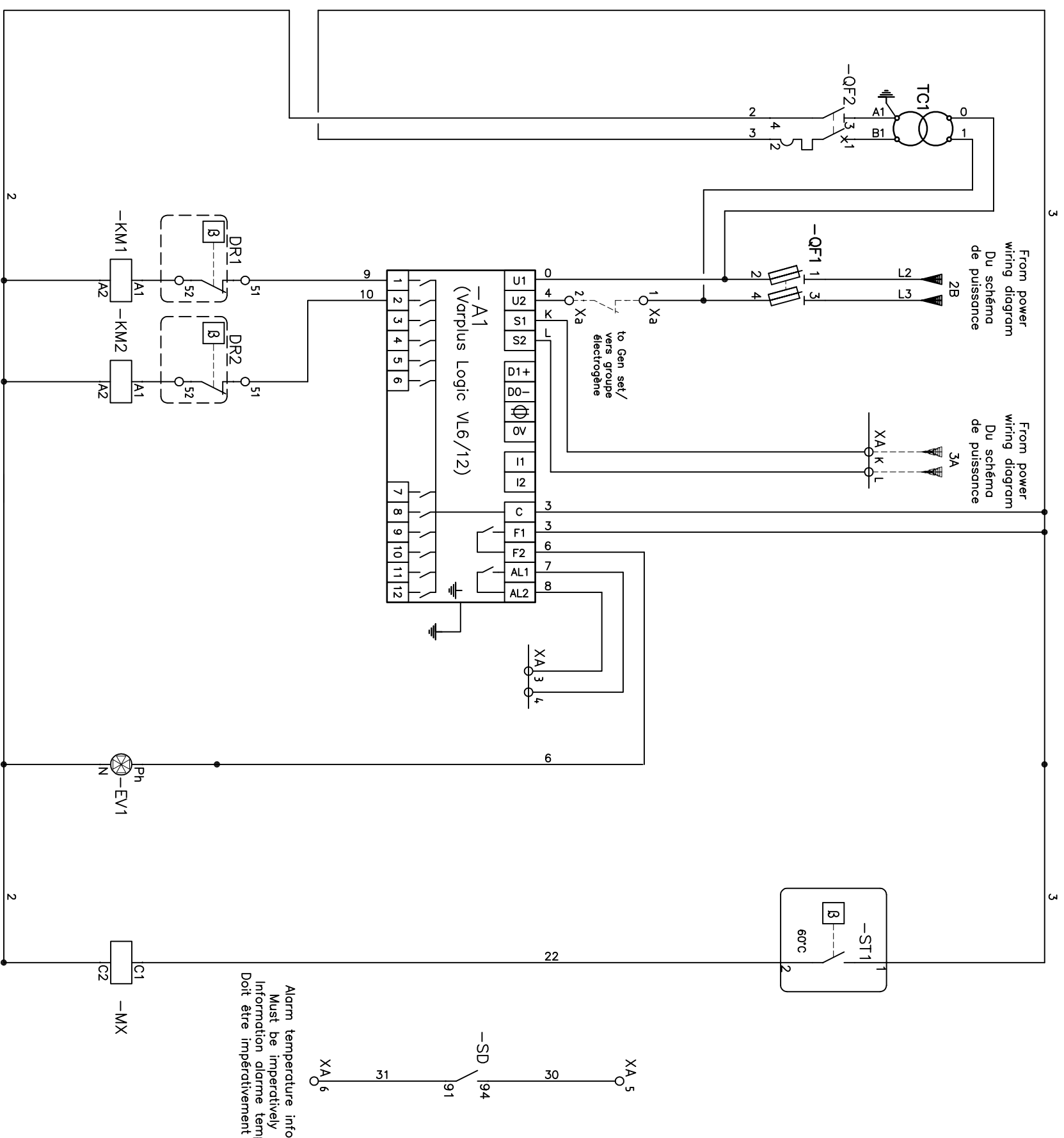
|  |        |                        |                    |
|--|--------|------------------------|--------------------|
|  | Scale: | Tolerancing Standard : | Units of measure : |
|--|--------|------------------------|--------------------|

F2P auto P wiring diag W CB 2 steps

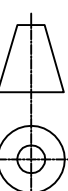
|  |  |                   |           |        |
|--|--|-------------------|-----------|--------|
|  |  | Number:           | Revision: | Sheet: |
|  |  | PF2PA2S(D)WCBSPPF | 00        | 1 / 1  |

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:



Alarm temperature information  
Must be imperatively used/  
Information alarme température  
Doit être impérativement exploitée

|                                                                                                                                                                                              |  |                                                                                                          |                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------|---------------------|
|                                                                                                           |  | Scale:                                                                                                   |                     |
|                                                                                                           |  | Tolerancing Standard :                                                                                   |                     |
|                                                                                                                                                                                              |  | Units of measure :                                                                                       |                     |
|                                                                                                                                                                                              |  | <b>F2P CONTROL WIRING DIAGRAM - 2 STEPS - WITH CB</b><br><b>NETWORK : 400V-415V/50Hz &amp; 400V/60Hz</b> |                     |
| Number: <b>CF2PA2S(D)WCB</b>                                                                                                                                                                 |  | Revision: <b>00</b>                                                                                      | Sheet: <b>1 / 1</b> |
| 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:                                                                                                   |                     |

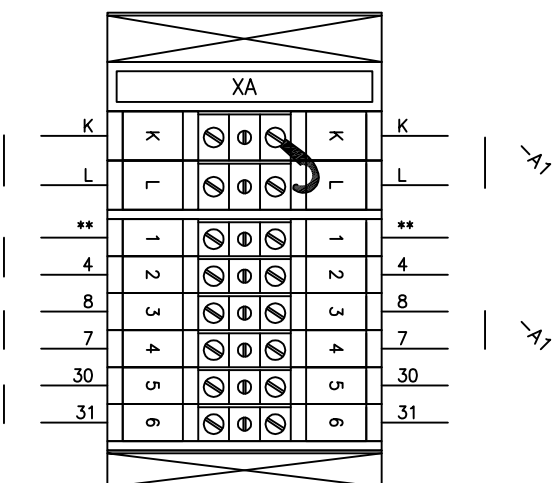
Connection not supply/Connexion non fournie

# 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

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

|                                                                                     |        |                        |                    |
|-------------------------------------------------------------------------------------|--------|------------------------|--------------------|
|  | Scale: | Tolerancing Standard : | Units of measure : |
|-------------------------------------------------------------------------------------|--------|------------------------|--------------------|

**Schneider Electric**

CUSTOMER TERMINAL BLOCKS  
 BORNIER CLIENT

Number: **S1B9989700**

Revision: **06**

Sheet: 1 / 1

All information and data contained in this document are the exclusive property of Schneider Electric. Indications SAE and may either be used for reference without the right to copy.

State: