


CARACTÉRISTIQUES TECHNIQUES / Technical data
VLVAF2P03508AG

| | | |
|--|--|-------|
| 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): | 161 | A |
| | | |
| FRÉQUENCE ASSIGNÉE / rated frequency (Fn): | 50 | Hz |
| ISOLEMENT / insulation (Um): | 690 | V |
| PERTES CALCULÉES / calculated losses: | 600 | W |
| ACCORD / tuning: | 135 | 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 100kvar 400V 50Hz DR2,7 xxB | | |
| | <i>Number:</i> VLVAF2P03508AG | <i>Revision:</i> 00 | <i>Sheet:</i> 1/2 |
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NOMENCLATURE / Bill of material

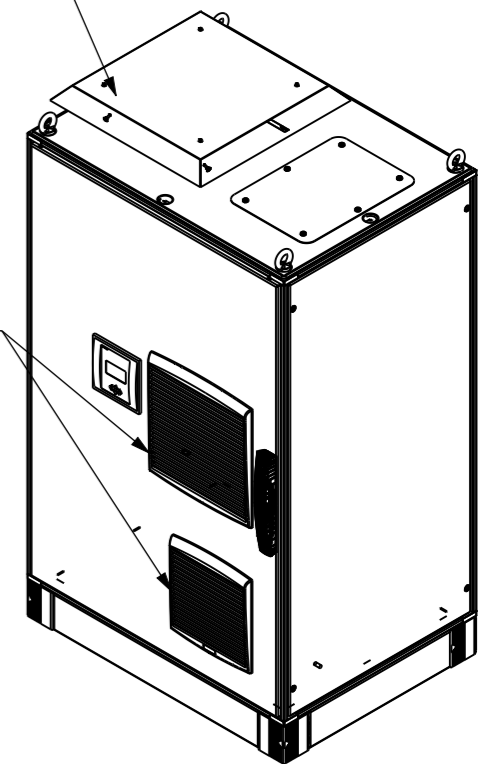
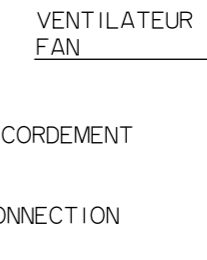
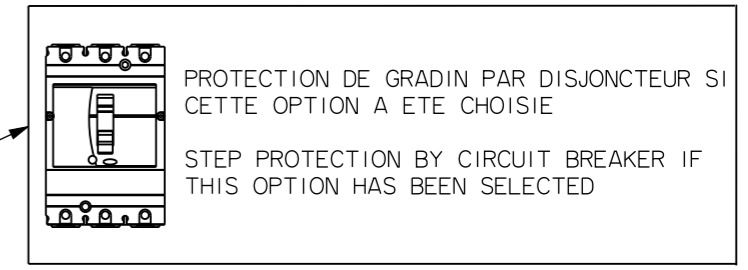
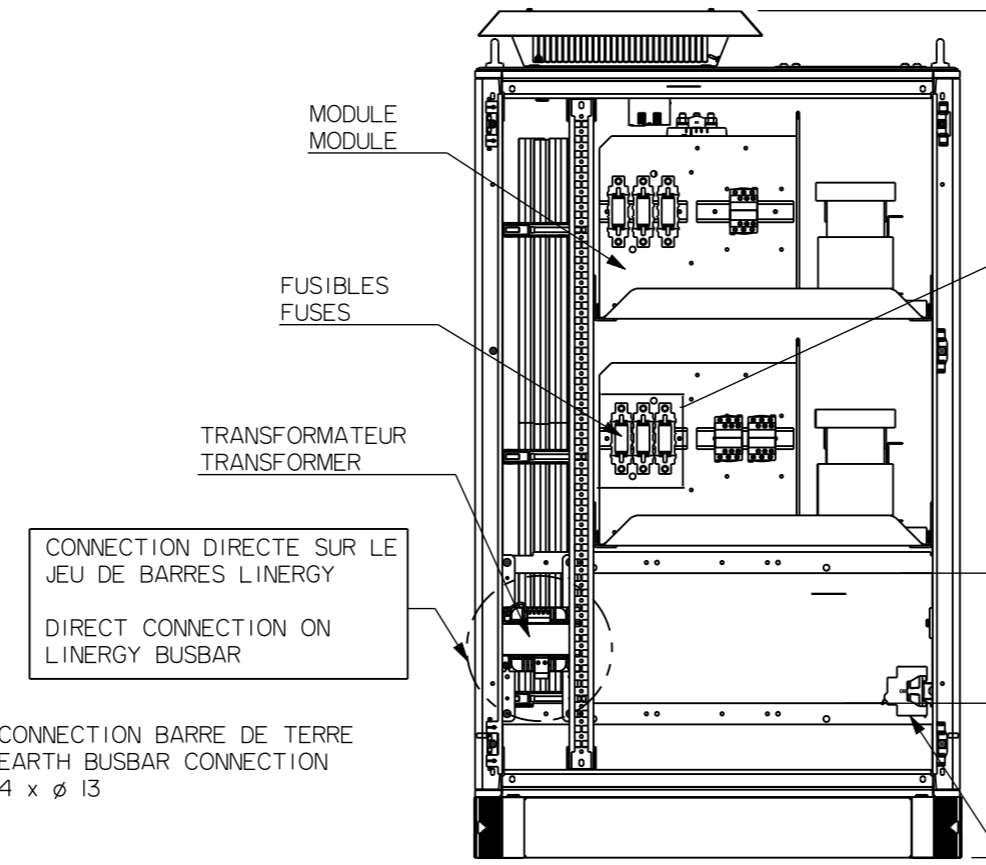
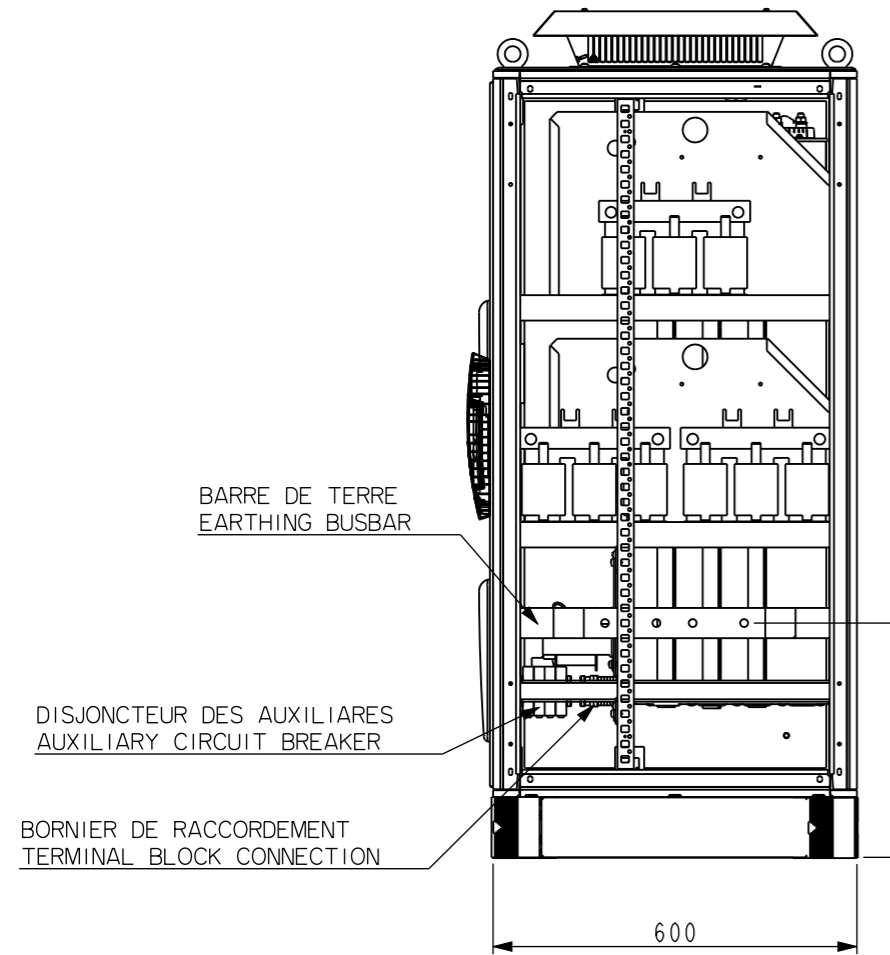
| Item | Description | Part N° |
|------|---|---------|
| QS01 | Gamme / range – Ref Disjoncteur / Ref Breaker | - - - |
| | Réglage / Setting | - |
| | Bobine MX - Auxiliary MX | - |

| MODULES | | | | | | |
|-----------------|---------------------|-----------------|-----|------|------|------|
| | n=1 | n=2 | n=3 | n=4 | n=5 | n=6 |
| Power (kVar) | 25 + 25 | 50 | - | - | - | - |
| QS _n | Fuses 125A | Fuses 125A | | | | |
| KM _n | LC1D38P7 x 2 | LC1D95P7 | | | | |
| C _n | BLRCH315A378B48 x 2 | BLRCH620A000B48 | | | | |
| DR _n | LVR14250A40T x 2 | LVR14500A40T | | | | |
| | 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 | 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 |

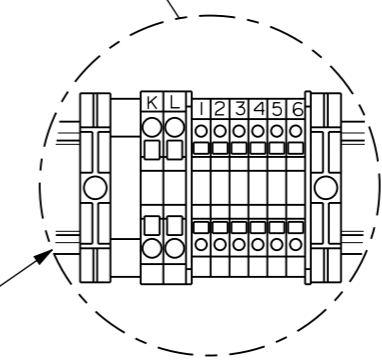
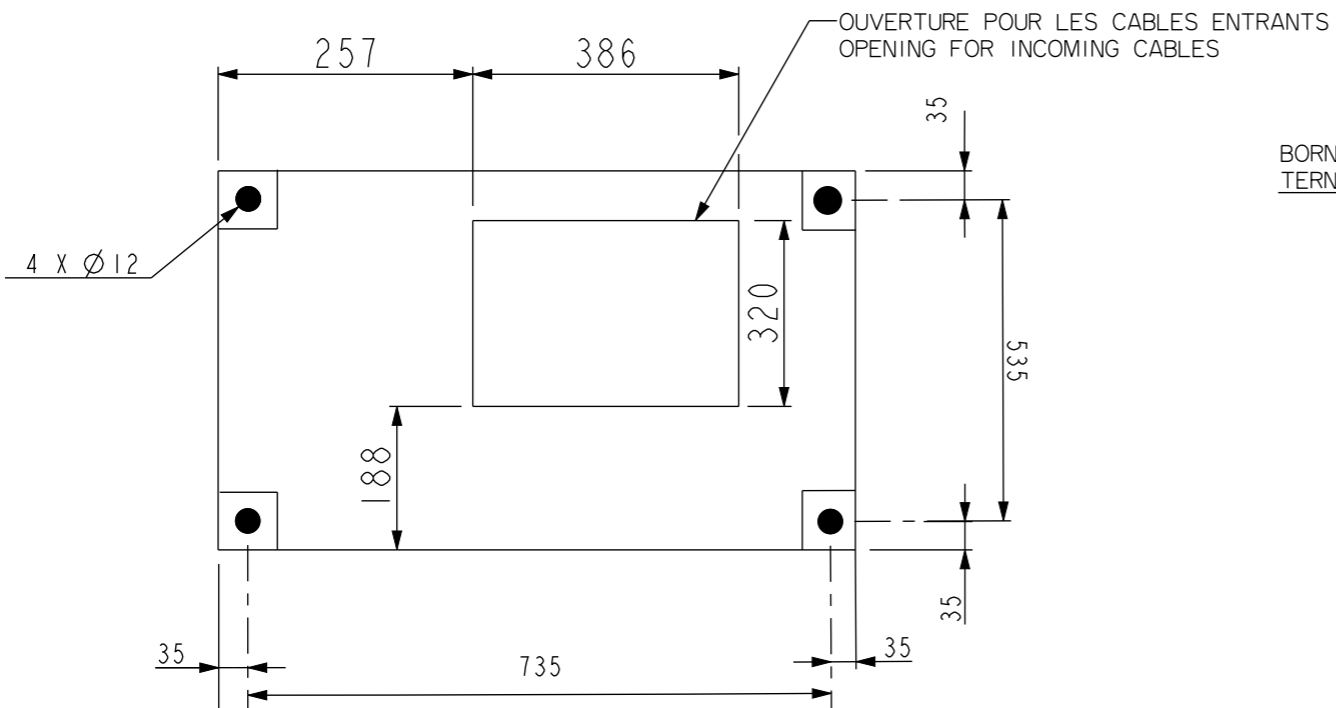
| | | | |
|---|--|---|--------------|
|  | VarSet capacitor bank Auto 100kvar 400V 50Hz DR2,7 xxB | | |
| | Number: | VL VAF2P03508AG | Revision: 00 |
| | | | Sheet: 2/2 |
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(La liste et les références des composants figurant ci-après sont données à 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)

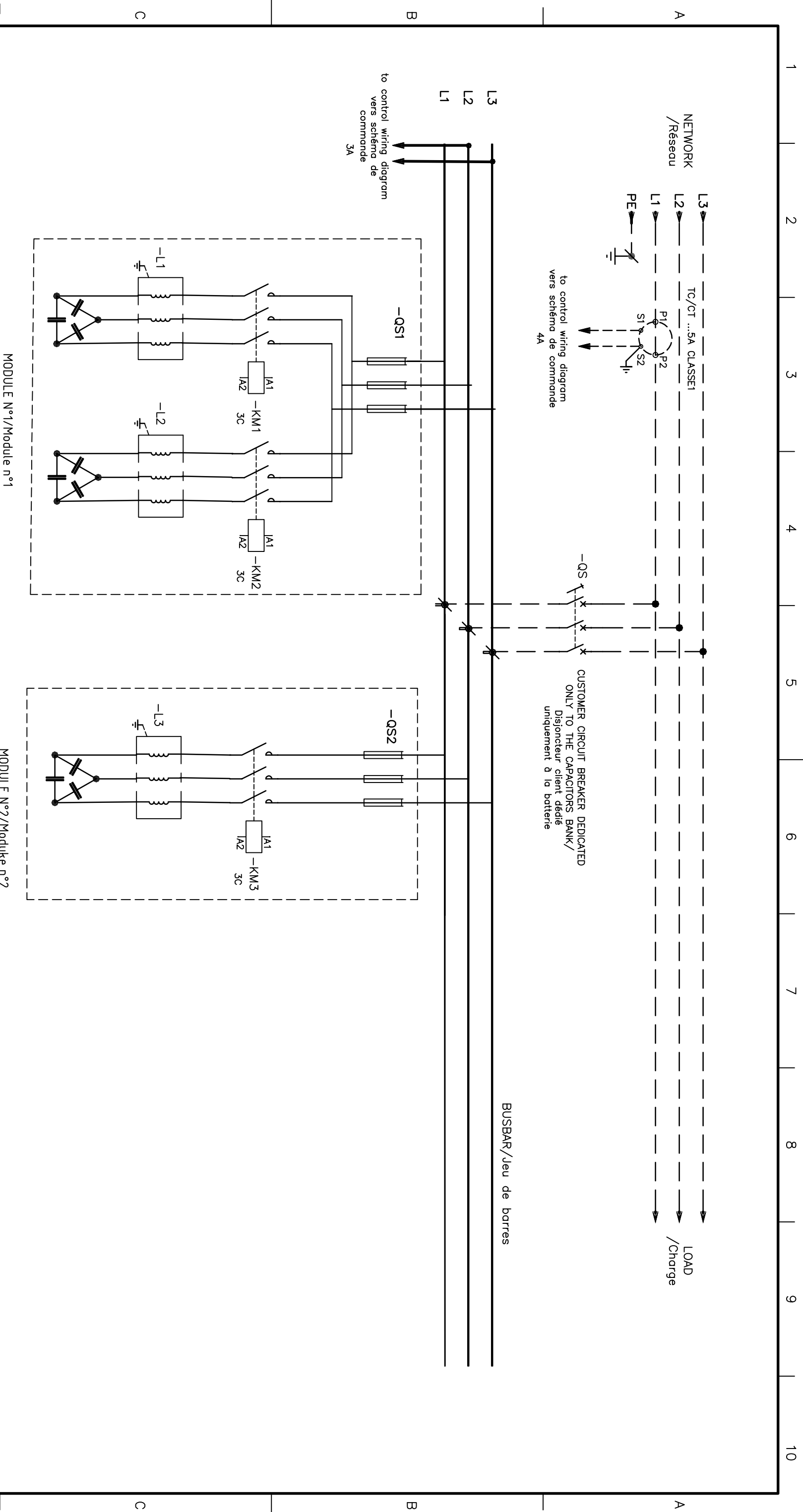


Approximate weight: 350kg

GENIE CIVIL / CIVIL ENGINEERING



| | | | |
|--|---|--------------------------|---|
| | Scale: 0.04 | Technical Specification: | Units of measure : mm |
| | Document Description: DIMENSIONS GENIE CIVIL / CIVIL ENGINEERING DIMENSIONS | | Document Number: EF2PA2M3SBWOCBPF |
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--- Connection not supply/Connexion non fournie

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

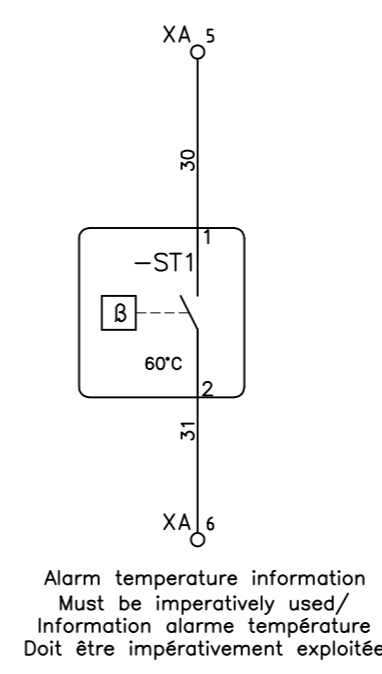
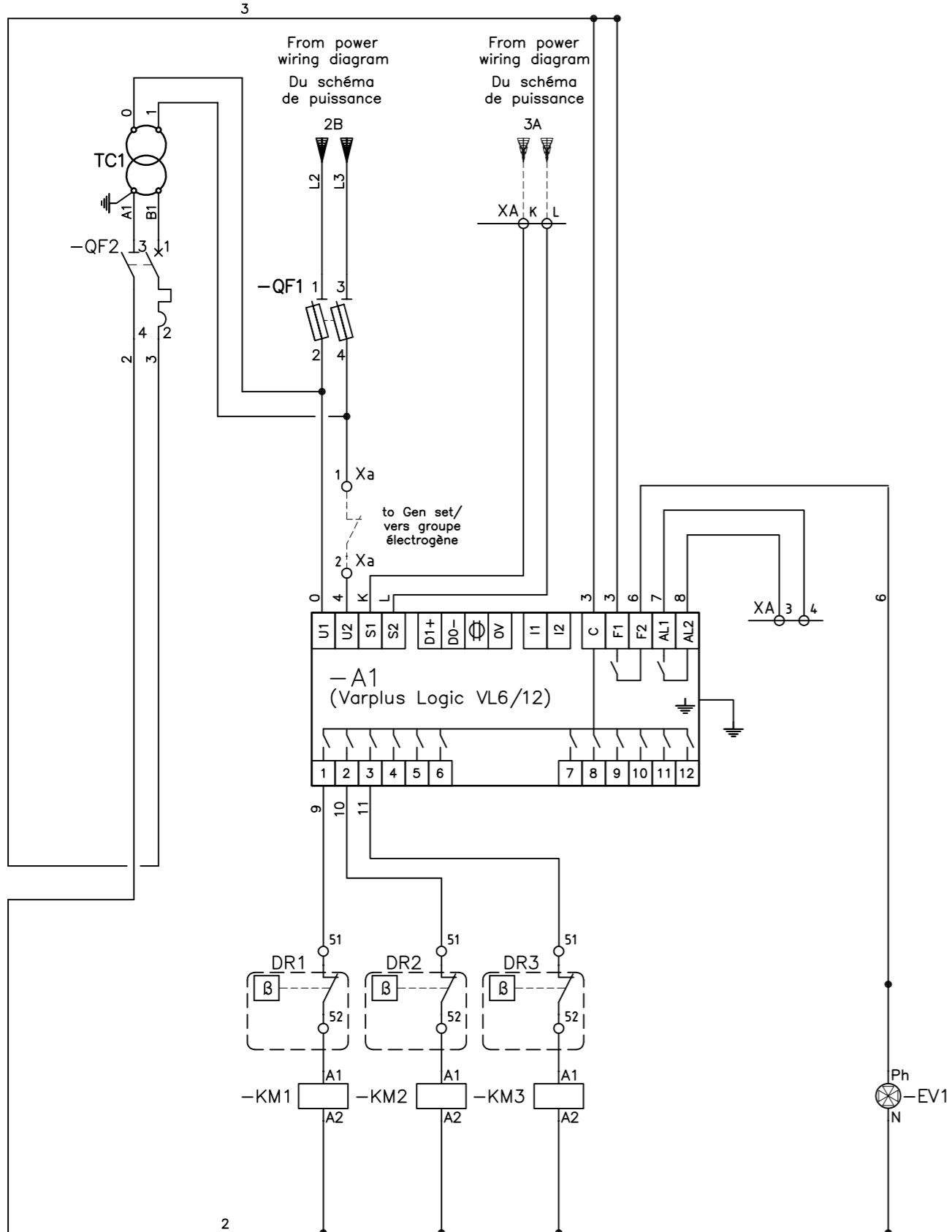
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Number: **PF2PA3S(DS)WOCBSPF**

Revision: **00** Sheet: **1 / 1**

F2P auto P wiring diag W/O CB 3 steps

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

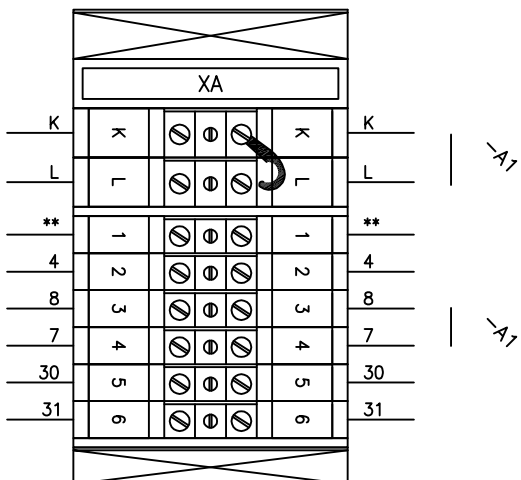
| | | | | |
|--|--|------------------------|--------------------|--------|
| | Scale: | Tolerancing Standard : | Units of measure : | |
| | F2P CONTROL WIRING DIAGRAM - 3 STEPS - WITHOUT CB NETWORK : 400V-415V/50Hz & 400V/60Hz | | | |
| Number: | | CF2PA3S(DS)WOCB | Revision: | Sheet: |
| | | | 00 |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

Bornier client

Клеммный блок для внешних присоединений

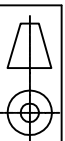
VLVAW1N/VLVAW2N/VLVAW3N
 /VLVAF5N/VLVAF6P
 VLVAF2P/VLVAF3P/VLVAF5P



**

= 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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