

Elm\_C\_38 PPVT8272\_MONTBLANCH-4  
100% 28 00 1802220 88 F. 8120

A3 garde - 11/2006

| 1 |                        | 2                                                                         |  | 3 |  | 4 |                     | 5 |  | 6 |                                              | 7 |  | 8 |                                                                                       | 9                                  |          | 10 |  |  |                                                          |  |                     |  |                       |
|---|------------------------|---------------------------------------------------------------------------|--|---|--|---|---------------------|---|--|---|----------------------------------------------|---|--|---|---------------------------------------------------------------------------------------|------------------------------------|----------|----|--|--|----------------------------------------------------------|--|---------------------|--|-----------------------|
| A | Folio<br>Sheet         | Designation<br>Designation                                                |  |   |  |   |                     |   |  |   |                                              |   |  |   |                                                                                       | Indice de modification<br>Revision |          |    |  |  |                                                          |  |                     |  |                       |
|   | 001                    | Page de garde                                                             |  |   |  |   |                     |   |  |   |                                              |   |  |   |                                                                                       | 00                                 | 01       | 02 |  |  |                                                          |  |                     |  |                       |
|   | 002                    | PAGE RECAPITULATIVE                                                       |  |   |  |   |                     |   |  |   |                                              |   |  |   |                                                                                       | 00                                 | 01       | 02 |  |  |                                                          |  |                     |  |                       |
|   | 003                    | PAGE RECAPITULATIVE                                                       |  |   |  |   |                     |   |  |   |                                              |   |  |   |                                                                                       | 00                                 | 01       | 02 |  |  |                                                          |  |                     |  |                       |
|   | 010                    | LEGENDE SYMBOLES N°1 - LEGEND OF SYMBOLS N°1                              |  |   |  |   |                     |   |  |   |                                              |   |  |   |                                                                                       | 00                                 |          |    |  |  |                                                          |  |                     |  |                       |
|   | 011                    | LEGENDE SYMBOLES N°2 - LEGEND OF SYMBOLS N°2                              |  |   |  |   |                     |   |  |   |                                              |   |  |   |                                                                                       | 00                                 |          |    |  |  |                                                          |  |                     |  |                       |
|   | 012                    | PRINCIPE DE REPERAGE - PRINCIPE OF MARKING                                |  |   |  |   |                     |   |  |   |                                              |   |  |   |                                                                                       | 00                                 |          |    |  |  |                                                          |  |                     |  |                       |
|   | 013                    | REPERE ESSENTIEL - TABLE 1 - HIGHER-LEVEL DESIGNATION                     |  |   |  |   |                     |   |  |   |                                              |   |  |   |                                                                                       | 00                                 |          |    |  |  |                                                          |  |                     |  |                       |
|   | 014                    | REPERE EMPLACEMENT PHYSIQUE - TABLE 2 - LOCATION OF ITEM                  |  |   |  |   |                     |   |  |   |                                              |   |  |   |                                                                                       | 00                                 |          |    |  |  |                                                          |  |                     |  |                       |
|   | 015                    | REPERAGE MATERIEL - TABLE 3 - IDENTIFICATION ITEM                         |  |   |  |   |                     |   |  |   |                                              |   |  |   |                                                                                       | 00                                 |          |    |  |  |                                                          |  |                     |  |                       |
| B | 019                    | Marquage NAME PLATE                                                       |  |   |  |   |                     |   |  |   |                                              |   |  |   |                                                                                       | 00                                 |          |    |  |  |                                                          |  |                     |  |                       |
|   | 020                    | Unifilaire général de la liasse SINGLE LINE DIAGRAM                       |  |   |  |   |                     |   |  |   |                                              |   |  |   |                                                                                       | 00                                 |          |    |  |  |                                                          |  |                     |  |                       |
|   | 021                    | Unifilaire général de la liasse SINGLE LINE DIAGRAM                       |  |   |  |   |                     |   |  |   |                                              |   |  |   |                                                                                       | 00                                 |          |    |  |  |                                                          |  |                     |  |                       |
|   | 031                    | Distribution des polarités POWER SUPPLY                                   |  |   |  |   |                     |   |  |   |                                              |   |  |   |                                                                                       | 00                                 |          |    |  |  |                                                          |  |                     |  |                       |
|   | 032                    | Distribution des polarités POWER SUPPLY                                   |  |   |  |   |                     |   |  |   |                                              |   |  |   |                                                                                       | 00                                 |          |    |  |  |                                                          |  |                     |  |                       |
|   | 033                    | Distribution des polarités POWER SUPPLY                                   |  |   |  |   |                     |   |  |   |                                              |   |  |   |                                                                                       | 00                                 |          |    |  |  |                                                          |  |                     |  |                       |
|   | 034                    | Distribution des polarités 24V CC POWER SUPPLY 24V DC                     |  |   |  |   |                     |   |  |   |                                              |   |  |   |                                                                                       | 00                                 |          |    |  |  |                                                          |  |                     |  |                       |
|   | 035                    | Distribution des polarités 24V CC POWER SUPPLY 24V DC                     |  |   |  |   |                     |   |  |   |                                              |   |  |   |                                                                                       | 00                                 |          |    |  |  |                                                          |  |                     |  |                       |
|   | 036                    | Distribution des polarités 24V CC POWER SUPPLY 24V DC                     |  |   |  |   |                     |   |  |   |                                              |   |  |   |                                                                                       | 00                                 |          |    |  |  |                                                          |  |                     |  |                       |
|   | 037                    | Relayage RELAYS                                                           |  |   |  |   |                     |   |  |   |                                              |   |  |   |                                                                                       | 00                                 |          |    |  |  |                                                          |  |                     |  |                       |
| C | 038                    | Commande COMMAND                                                          |  |   |  |   |                     |   |  |   |                                              |   |  |   |                                                                                       | 00                                 |          |    |  |  |                                                          |  |                     |  |                       |
|   | 040                    | Extenseur Modbus RS485 24V CC RS485 LINK EXTENDER 24V DC                  |  |   |  |   |                     |   |  |   |                                              |   |  |   |                                                                                       | 00                                 | 01       |    |  |  |                                                          |  |                     |  |                       |
|   | 042                    | Extenseur Modbus RS485 24V CC RS485 LINK EXTENDER 24V DC                  |  |   |  |   |                     |   |  |   |                                              |   |  |   |                                                                                       | 00                                 | 01       |    |  |  |                                                          |  |                     |  |                       |
|   | 044                    | Coffret optique FIDGI V2 OPTICAL BOX FIDGI V2                             |  |   |  |   |                     |   |  |   |                                              |   |  |   |                                                                                       | 00                                 |          |    |  |  |                                                          |  |                     |  |                       |
|   | 045                    | Switch ethernet 6 PORTS 10/100 TX ET 2 PORTS 100 FX-MM SWITCH 6TX/2FX-MM  |  |   |  |   |                     |   |  |   |                                              |   |  |   |                                                                                       | 00                                 |          |    |  |  |                                                          |  |                     |  |                       |
|   | 050                    | PC de télégestion UNO-1170E EMBEDDED AUTOMATION COMPUTER                  |  |   |  |   |                     |   |  |   |                                              |   |  |   |                                                                                       | 00                                 | 01       |    |  |  |                                                          |  |                     |  |                       |
|   | 052                    | API NAPAC PLC NAPAC                                                       |  |   |  |   |                     |   |  |   |                                              |   |  |   |                                                                                       | 00                                 |          |    |  |  |                                                          |  |                     |  |                       |
|   | 054                    | CARTE 16 ENTREES TOR ENTREES 1 à 8 DIGITAL INPUTS BOARD                   |  |   |  |   |                     |   |  |   |                                              |   |  |   |                                                                                       | 00                                 | 01       |    |  |  |                                                          |  |                     |  |                       |
|   | 055                    | CARTE 16 ENTREES TOR ENTREES 9 à 16 DIGITAL INPUTS BOARD                  |  |   |  |   |                     |   |  |   |                                              |   |  |   |                                                                                       | 00                                 | 01       |    |  |  |                                                          |  |                     |  |                       |
|   | 056                    | CARTE 16 ENTREES TOR ENTREES 1 à 8 DIGITAL INPUTS BOARD                   |  |   |  |   |                     |   |  |   |                                              |   |  |   |                                                                                       | 00                                 | 01       |    |  |  |                                                          |  |                     |  |                       |
| D | 057                    | CARTE 16 ENTREES TOR ENTREES 9 à 16 DIGITAL INPUTS BOARD                  |  |   |  |   |                     |   |  |   |                                              |   |  |   |                                                                                       | 00                                 | 01       |    |  |  |                                                          |  |                     |  |                       |
|   | 058                    | CARTE 4 ENTREES ANALOGIQUES UNIVERSELLES ANALOG INPUTS BOARD              |  |   |  |   |                     |   |  |   |                                              |   |  |   |                                                                                       | 00                                 | 01       |    |  |  |                                                          |  |                     |  |                       |
|   | 059                    | CARTE 4 SORTIES TOR RELAIS ELECTROMECHANIQUES DIGITAL OUTPUTS BOARD       |  |   |  |   |                     |   |  |   |                                              |   |  |   |                                                                                       | 00                                 |          |    |  |  |                                                          |  |                     |  |                       |
|   | 060                    | RESERVES SUR BORNES SPARES                                                |  |   |  |   |                     |   |  |   |                                              |   |  |   |                                                                                       | 00                                 |          |    |  |  |                                                          |  |                     |  |                       |
|   | 061                    | RESERVES SUR BORNES SPARES                                                |  |   |  |   |                     |   |  |   |                                              |   |  |   |                                                                                       | 00                                 |          |    |  |  |                                                          |  |                     |  |                       |
|   | 086                    | Armoire monobloc 2000x600x300 MONOBLOC ENCLOSURE EXTERNAL LAYOUT          |  |   |  |   |                     |   |  |   |                                              |   |  |   |                                                                                       | 00                                 |          |    |  |  |                                                          |  |                     |  |                       |
|   | 087                    | Armoire monobloc Implantation matériel MONOBLOC ENCLOSURE INTERNAL LAYOUT |  |   |  |   |                     |   |  |   |                                              |   |  |   |                                                                                       | 00                                 | 01       |    |  |  |                                                          |  |                     |  |                       |
|   | 088                    | Fixation au sol FIXING WALL                                               |  |   |  |   |                     |   |  |   |                                              |   |  |   |                                                                                       | 00                                 | 01       |    |  |  |                                                          |  |                     |  |                       |
|   | 150                    | BORNIER : =N201+AP01-X1                                                   |  |   |  |   |                     |   |  |   |                                              |   |  |   |                                                                                       | 00                                 |          |    |  |  |                                                          |  |                     |  |                       |
|   | 151                    | BORNIER : =N201+AP01-X2                                                   |  |   |  |   |                     |   |  |   |                                              |   |  |   |                                                                                       | 00                                 |          |    |  |  |                                                          |  |                     |  |                       |
| D | 152                    | BORNIER : =N201+AP01-X3                                                   |  |   |  |   |                     |   |  |   |                                              |   |  |   |                                                                                       | 00                                 |          |    |  |  |                                                          |  |                     |  |                       |
|   | 153                    | BORNIER : =N201+AP01-X4                                                   |  |   |  |   |                     |   |  |   |                                              |   |  |   |                                                                                       | 00                                 |          |    |  |  |                                                          |  |                     |  |                       |
|   | 154                    | BORNIER : =N201+AP01-X021                                                 |  |   |  |   |                     |   |  |   |                                              |   |  |   |                                                                                       | 00                                 |          |    |  |  |                                                          |  |                     |  |                       |
|   | Archivage<br>Microfilm |                                                                           |  |   |  |   | PAGE RECAPITULATIVE |   |  |   | MONITORING<br>PHOTOVOLTAIQUE<br>CASINO LOT 3 |   |  |   |  |                                    | 02982291 |    |  |  | Projet - No commande<br>Project - Order No.<br>FPVTB0272 |  | Indice<br>Rev<br>02 |  | Folio<br>Sheet<br>002 |

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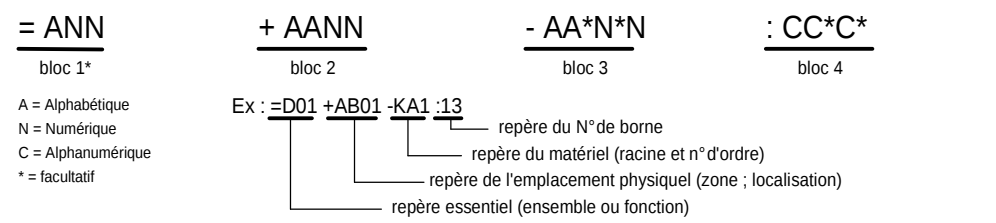


|                   |  |      |                                                                       |   |  |                   |  |      |                                                                                                          |   |  |                   |  |      |                                                      |   |  |    |  |
|-------------------|--|------|-----------------------------------------------------------------------|---|--|-------------------|--|------|----------------------------------------------------------------------------------------------------------|---|--|-------------------|--|------|------------------------------------------------------|---|--|----|--|
| 1                 |  | 2    |                                                                       | 3 |  | 4                 |  | 5    |                                                                                                          | 6 |  | 7                 |  | 8    |                                                      | 9 |  | 10 |  |
| SYMBOLE<br>SYMBOL |  | CODE | LEGENDE<br>DESCRIPTION                                                |   |  | SYMBOLE<br>SYMBOL |  | CODE | LEGENDE<br>DESCRIPTION                                                                                   |   |  | SYMBOLE<br>SYMBOL |  | CODE | LEGENDE<br>DESCRIPTION                               |   |  |    |  |
|                   |  | Q    | INTERRUPTEUR<br>SWITCH                                                |   |  |                   |  | S    | COMMANDE PAR LEVIER<br>OPERATED BY LEVER                                                                 |   |  |                   |  | U    | CONVERTISSEUR<br>TRANSDUCER                          |   |  |    |  |
|                   |  | Q    | DISJONCTEUR<br>CIRCUIT BREAKER                                        |   |  |                   |  | S    | COMMANDE PAR CLEF<br>OPERATED BY KEY                                                                     |   |  |                   |  |      |                                                      |   |  |    |  |
|                   |  | Q    | SECTIONNEUR<br>DISCONNECTOR (ISOLATOR)                                |   |  |                   |  | S    | TL OU TPL POUR SECTIONNEUR<br>DISCREPANCY SWITCH FOR DISCONNECTOR                                        |   |  |                   |  | V    | FONCTION REDRESSEUSE<br>RECTIFYING FUNCTION          |   |  |    |  |
|                   |  | Q    | INTERRUPTEUR SECTIONNEUR<br>SWITCH DISCONNECTOR                       |   |  |                   |  | S    | TL OU TPL POUR DISJONCTEUR<br>DISCREPANCY SWITCH FOR CB                                                  |   |  |                   |  |      |                                                      |   |  |    |  |
|                   |  | Q    | COMMANDE PAR MOTEUR<br>OPERATED BY MOTOR                              |   |  |                   |  | S    | BOITIER DE SIGNALISATION<br>ALARM ANNUNCIATOR                                                            |   |  |                   |  |      |                                                      |   |  |    |  |
|                   |  |      |                                                                       |   |  |                   |  |      |                                                                                                          |   |  |                   |  |      |                                                      |   |  |    |  |
|                   |  | R    | SHUNT<br>SHUNT                                                        |   |  |                   |  | T    | TRANSFORMATEUR DE COURANT UNIFILAIRE<br>CURRENT TRANSFORMER SLD                                          |   |  |                   |  | X    | BOITE D'ESSAI<br>TEST BLOCK                          |   |  |    |  |
|                   |  | R    | RESISTANCE<br>RESISTOR                                                |   |  |                   |  | T    | TRANSFORMATEUR DE COURANT MULTIFILAIRE<br>CURRENT TRANSFORMER TRIPOLAR DRAWING                           |   |  |                   |  | X    | BORNE SIMPLE<br>ORDINARY TERMINAL BLOCK              |   |  |    |  |
|                   |  |      |                                                                       |   |  |                   |  | T    | TRANSFORMATEUR DE TENSION MULTIFILAIRE<br>VOLTAGE TRANSFORMER TRIPOLAR DRAWING                           |   |  |                   |  | X    | BORNE SECTIONABLE<br>INTERRUPTIBLE TERMINAL BLOCK    |   |  |    |  |
|                   |  | S    | CONTACT DE POSITION NO<br>MAKE CONTACT OF LIMIT SWITCH                |   |  |                   |  | T    | ENROULEMENT DE TRANFORMATEUR DE PUISSANCE - MULTIFILAIRE<br>POWER TRANSFORMER WINDING - TRIPOLAR DRAWING |   |  |                   |  | X    | BORNE FUSIBLE<br>FUSE CARRIER TERMINAL BLOCK         |   |  |    |  |
|                   |  | S    | CONTACT DE POSITION NF<br>BREAK CONTACT OF LIMIT SWITCH               |   |  |                   |  | T    | ENROULEMENT DE TRANFORMATEUR DE PUISSANCE - MULTIFILAIRE<br>POWER TRANSFORMER WINDING - TRIPOLAR DRAWING |   |  |                   |  | X    | BORNE DIODE<br>DIODE TERMINAL BLOCK                  |   |  |    |  |
|                   |  | S    | COMMUTEUR UNIPOLAIRE A N DIRECTIONS<br>SINGLE POLE N POSITIONS SWITCH |   |  |                   |  | T    | TRANFORMATEUR DE PUISSANCE - UNIFILAIRE<br>POWER TRANSFORMER - SLD                                       |   |  |                   |  | X    | BORNE RESISTANCE<br>RESISTOR TERMINAL BLOCK          |   |  |    |  |
|                   |  | S    | COMMANDE PAR POUSSOIR<br>OPERATED BY PUSHING                          |   |  |                   |  | T    | AUTOTRANFORMATEUR DE PUISSANCE - UNIFILAIRE<br>POWER AUTOTRANSFORMER WINDING - SLD                       |   |  |                   |  | X    | BROCHE MALE DE CONNECTEUR<br>MAL CONNECTOR PIN       |   |  |    |  |
|                   |  | S    | COMMANDE PAR TIRETTE<br>OPERATED BY PULLING                           |   |  |                   |  | T    | TRANSFORMATEUR DISOLEMENT<br>ISOLATING TRANSFORMER                                                       |   |  |                   |  | X    | BROCHE FEMELLE DE CONNECTEUR<br>FEMALE CONNECTOR PIN |   |  |    |  |
|                   |  | S    | COMMANDE ROTATIVE<br>OPERATED BY TURNING                              |   |  |                   |  |      |                                                                                                          |   |  |                   |  |      |                                                      |   |  |    |  |
|                   |  | S    | BOUTON POUSSOIR COUP DE POING<br>EMERGENCY SWITCH                     |   |  |                   |  |      |                                                                                                          |   |  |                   |  |      |                                                      |   |  |    |  |
|                   |  |      |                                                                       |   |  |                   |  |      |                                                                                                          |   |  |                   |  |      |                                                      |   |  |    |  |
|                   |  |      |                                                                       |   |  |                   |  |      |                                                                                                          |   |  |                   |  |      |                                                      |   |  |    |  |
|                   |  |      |                                                                       |   |  |                   |  |      |                                                                                                          |   |  |                   |  |      |                                                      |   |  |    |  |
|                   |  |      |                                                                       |   |  |                   |  |      |                                                                                                          |   |  |                   |  |      |                                                      |   |  |    |  |
|                   |  |      |                                                                       |   |  |                   |  |      |                                                                                                          |   |  |                   |  |      |                                                      |   |  |    |  |
|                   |  |      |                                                                       |   |  |                   |  |      |                                                                                                          |   |  |                   |  |      |                                                      |   |  |    |  |
|                   |  |      |                                                                       |   |  |                   |  |      |                                                                                                          |   |  |                   |  |      |                                                      |   |  |    |  |
|                   |  |      |                                                                       |   |  |                   |  |      |                                                                                                          |   |  |                   |  |      |                                                      |   |  |    |  |
|                   |  |      |                                                                       |   |  |                   |  |      |                                                                                                          |   |  |                   |  |      |                                                      |   |  |    |  |
|                   |  |      |                                                                       |   |  |                   |  |      |                                                                                                          |   |  |                   |  |      |                                                      |   |  |    |  |
|                   |  |      |                                                                       |   |  |                   |  |      |                                                                                                          |   |  |                   |  |      |                                                      |   |  |    |  |
|                   |  |      |                                                                       |   |  |                   |  |      |                                                                                                          |   |  |                   |  |      |                                                      |   |  |    |  |
|                   |  |      |                                                                       |   |  |                   |  |      |                                                                                                          |   |  |                   |  |      |                                                      |   |  |    |  |
|                   |  |      |                                                                       |   |  |                   |  |      |                                                                                                          |   |  |                   |  |      |                                                      |   |  |    |  |
|                   |  |      |                                                                       |   |  |                   |  |      |                                                                                                          |   |  |                   |  |      |                                                      |   |  |    |  |
|                   |  |      |                                                                       |   |  |                   |  |      |                                                                                                          |   |  |                   |  |      |                                                      |   |  |    |  |
|                   |  |      |                                                                       |   |  |                   |  |      |                                                                                                          |   |  |                   |  |      |                                                      |   |  |    |  |
|                   |  |      |                                                                       |   |  |                   |  |      |                                                                                                          |   |  |                   |  |      |                                                      |   |  |    |  |
|                   |  |      |                                                                       |   |  |                   |  |      |                                                                                                          |   |  |                   |  |      |                                                      |   |  |    |  |
|                   |  |      |                                                                       |   |  |                   |  |      |                                                                                                          |   |  |                   |  |      |                                                      |   |  |    |  |
|                   |  |      |                                                                       |   |  |                   |  |      |                                                                                                          |   |  |                   |  |      |                                                      |   |  |    |  |
|                   |  |      |                                                                       |   |  |                   |  |      |                                                                                                          |   |  |                   |  |      |                                                      |   |  |    |  |
|                   |  |      |                                                                       |   |  |                   |  |      |                                                                                                          |   |  |                   |  |      |                                                      |   |  |    |  |
|                   |  |      |                                                                       |   |  |                   |  |      |                                                                                                          |   |  |                   |  |      |                                                      |   |  |    |  |
|                   |  |      |                                                                       |   |  |                   |  |      |                                                                                                          |   |  |                   |  |      |                                                      |   |  |    |  |
|                   |  |      |                                                                       |   |  |                   |  |      |                                                                                                          |   |  |                   |  |      |                                                      |   |  |    |  |
|                   |  |      |                                                                       |   |  |                   |  |      |                                                                                                          |   |  |                   |  |      |                                                      |   |  |    |  |
|                   |  |      |                                                                       |   |  |                   |  |      |                                                                                                          |   |  |                   |  |      |                                                      |   |  |    |  |
|                   |  |      |                                                                       |   |  |                   |  |      |                                                                                                          |   |  |                   |  |      |                                                      |   |  |    |  |
|                   |  |      |                                                                       |   |  |                   |  |      |                                                                                                          |   |  |                   |  |      |                                                      |   |  |    |  |
|                   |  |      |                                                                       |   |  |                   |  |      |                                                                                                          |   |  |                   |  |      |                                                      |   |  |    |  |
|                   |  |      |                                                                       |   |  |                   |  |      |                                                                                                          |   |  |                   |  |      |                                                      |   |  |    |  |
|                   |  |      |                                                                       |   |  |                   |  |      |                                                                                                          |   |  |                   |  |      |                                                      |   |  |    |  |
|                   |  |      |                                                                       |   |  |                   |  |      |                                                                                                          |   |  |                   |  |      |                                                      |   |  |    |  |
|                   |  |      |                                                                       |   |  |                   |  |      |                                                                                                          |   |  |                   |  |      |                                                      |   |  |    |  |
|                   |  |      |                                                                       |   |  |                   |  |      |                                                                                                          |   |  |                   |  |      |                                                      |   |  |    |  |

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LE REPERAGE DES APPAREILS EST CONFORME A LA NORME CEI.  
ADDITION DE 4 BLOCS DE CARACTERES



bloc 1 =ANN

"=" symbole distinctif

repère essentiel

Repère principal caractérisant chaque subdivision importante d'une installation ou ensemble (fonctionnel). Il est facultatif.  
Le 1<sup>er</sup> caractère est choisi dans la "TABLE 1".  
Cette table donne les lettres repères des niveaux de tension et des fonctions non spécifiques à une travée ou un niveau de tension.

bloc 2 +AANN

"+" symbole distinctif

repère de l'emplacement physique

Repère de l'adresse physique du matériel.  
Repère de l'équipement qui contient le matériel (choix des deux premiers caractères dans la "TABLE 2").

bloc 3 -AA\*N\*N

"-" symbole distinctif

repère matériel

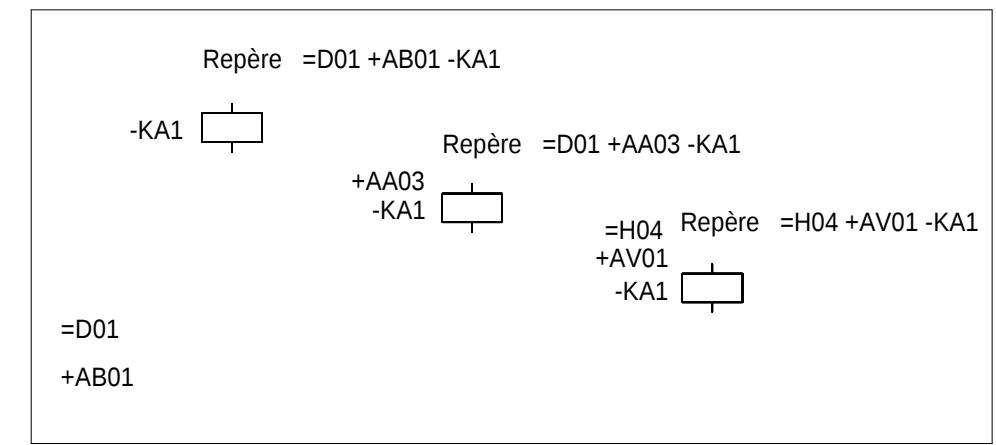
Repère complet du nom de l'appareil. La première lettre indique la fonction générale de l'appareil. Choix "TABLE 3".

bloc 4 :CC\*C\*

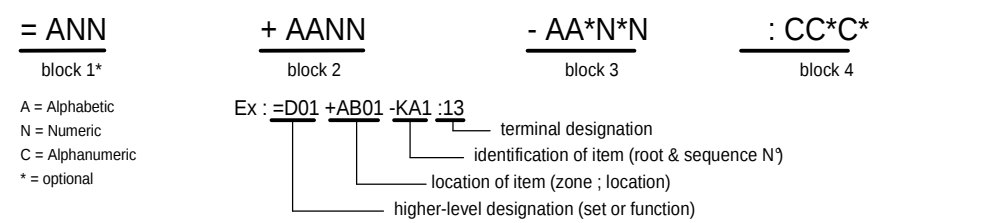
":" symbole distinctif

repère du N° de borne

Repère composé indifféremment de lettres ou de chiffres.



ACCORDING TO STANDARD, MARKING OF EQUIPMENTS IS MADE  
WITH 4 BLOCKS OF CHARACTERS



block 1 =ANN

"=" distinctive symbol

higher level designation

Item designation for any major part of plant or function. Optional.  
First character is given by "TABLE 1".  
This table gives codes for voltage levels and for no attached functions to a particular bay or voltage level.

block 2 +AANN

"+" distinctive symbol

location of item

Designation for location item.  
Indicates equipment which contains the item (choice of the 2 first characters "TABLE 2").

block 3 -AA\*N\*N

"-" distinctive symbol

identification of item

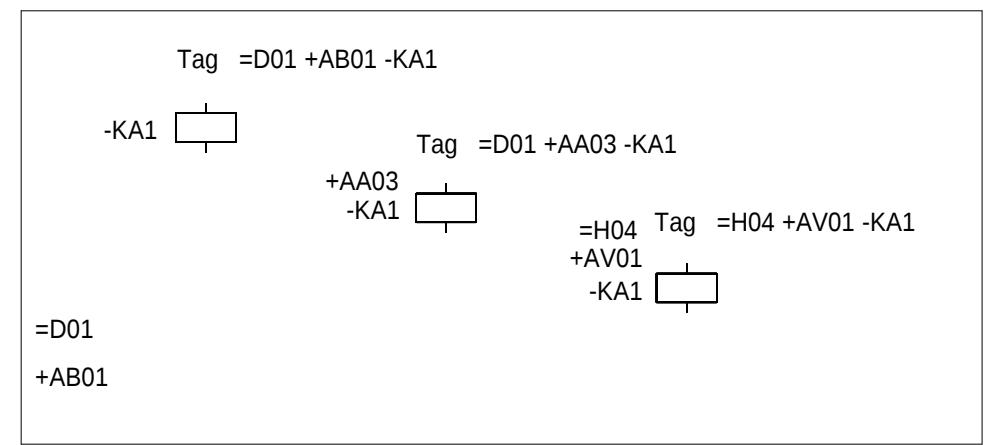
Complete designation of item identification. 1st character indicates general function of item. Choice "TABLE 3".

block 4 :CC\*C\*

":" distinctive symbol

terminal designation

Designation composed of letters or numbers.



## B

BCDD

Bay number is given by two figures  
from 01 to 99.  
Figures "00" are used for common  
equipment to a voltage level and several bays

eg ; =E00, higher level of designation 132kV busbar  
+E00, AB01, 132kV common relaying cubicle N°1 (bus bar protection)

EXAMPLES : +E04 Indicates that the localisation is fully attached to bay 110kV N°04  
=C05 Indicates bay 400kV N°05  
=R01 Indicates the function "FIRE PROTECTION" N° 01

REPERE ESSENTIEL

- TABLE 1 -

HIGHER-LEVEL DESIGNATION

MONITORING  
PHOTOVOLTAIQUE  
CASINO LOT 3



|                                                          |                     |
|----------------------------------------------------------|---------------------|
| 02982291                                                 |                     |
| Projet - No commande<br>Project - Order No.<br>FPVTB0272 | Indice<br>Rev<br>00 |

B

C

D

[illegible]

B

C

D

A3 suite - 11/2006

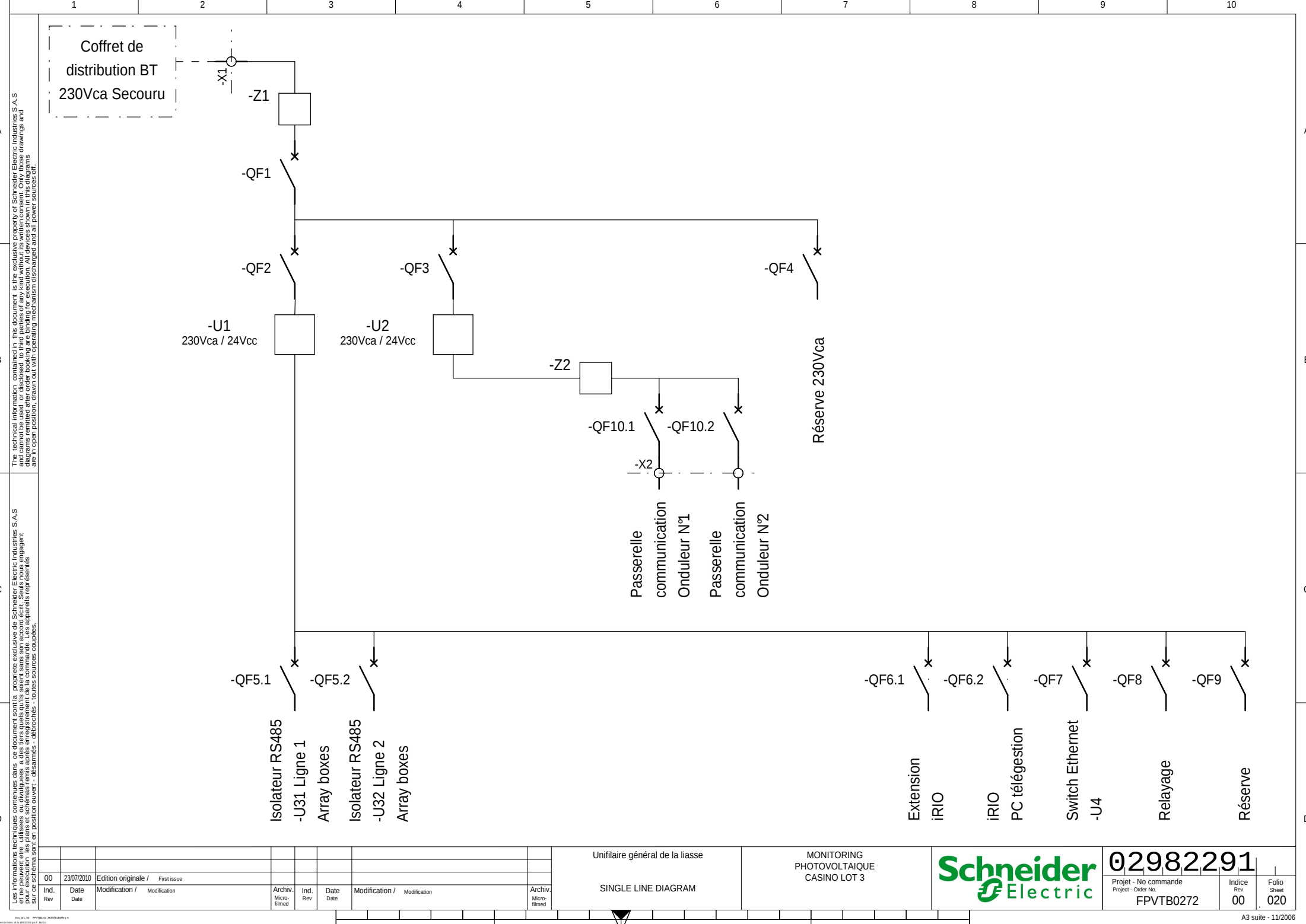
B

D

[illegible]

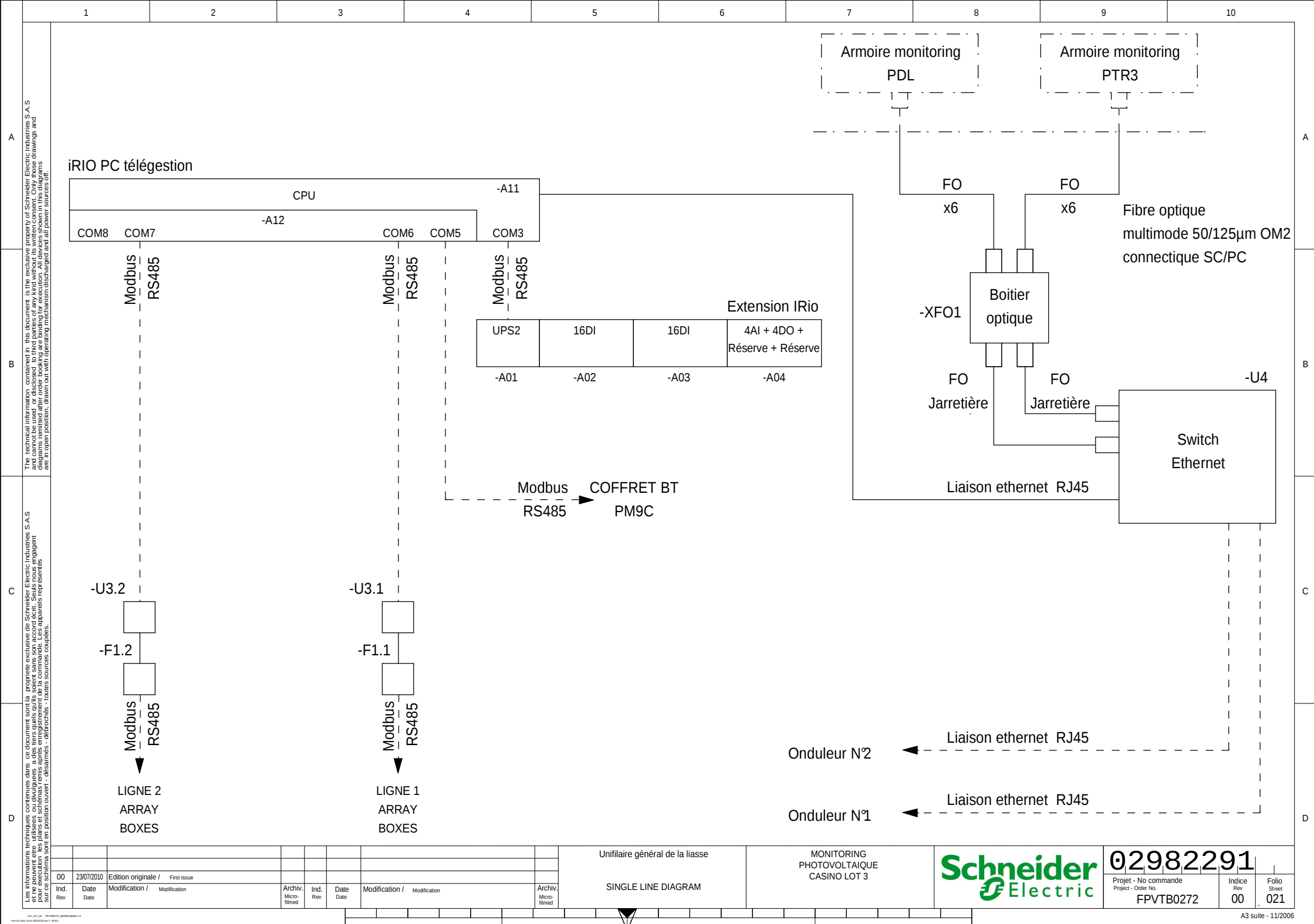
A3 suite - 11/2006





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A

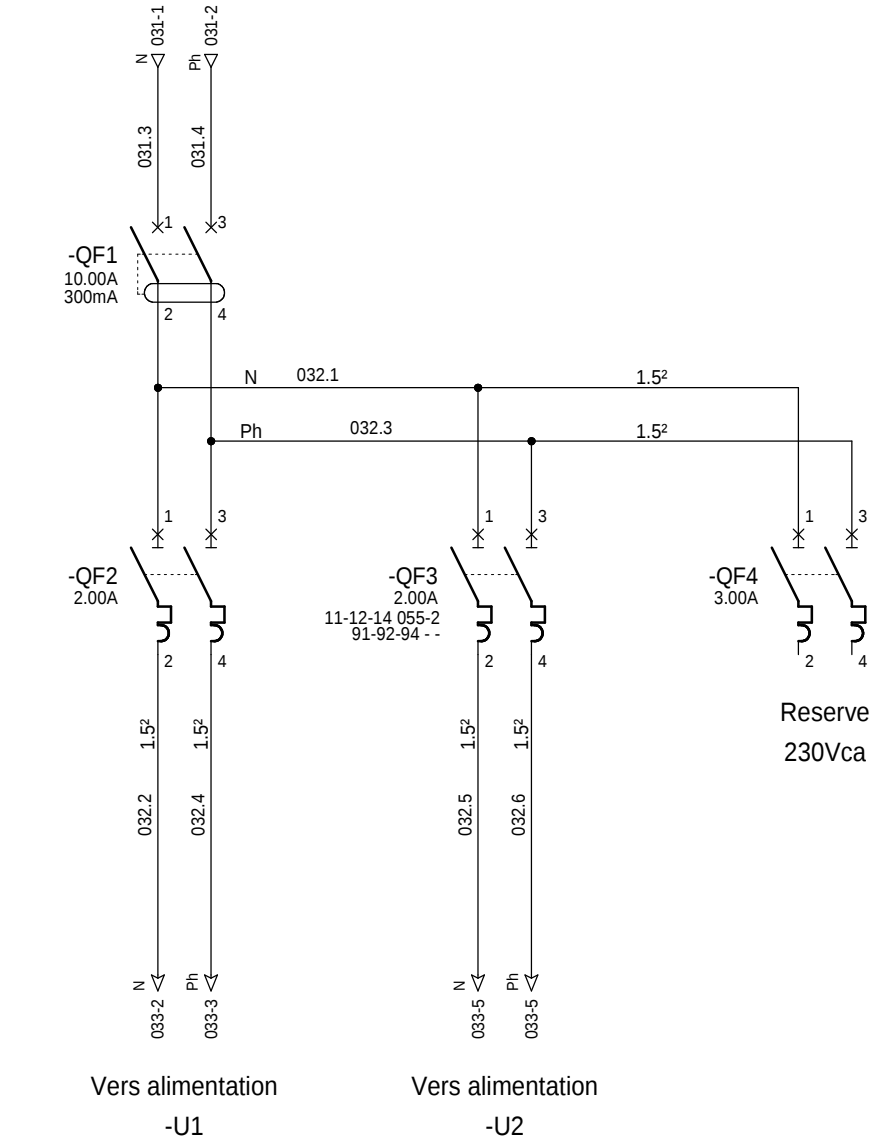
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B

C

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D



=N201  
+AP01

|      |            |                                 |              |              |      |      |                |              |              |  |
|------|------------|---------------------------------|--------------|--------------|------|------|----------------|--------------|--------------|--|
| 00   | 23/07/2010 | Edition originale / First issue |              |              |      |      |                |              |              |  |
| Ind. | Date       | Modification /                  | Modification | Archiv.      | Ind. | Date | Modification / | Modification | Archiv.      |  |
| Rev  | Date       |                                 |              | Micro-filmed | Rev  | Date |                |              | Micro-filmed |  |

Distribution des polarités

POWER SUPPLY

MONITORING  
PHOTOVOLTAIQUE  
CASINO LOT 3



02982291

Projet - No commande  
Project - Order No.  
FPVTB0272

Indice  
Rev  
00

Folio  
Sheet  
032

A

B

C

D

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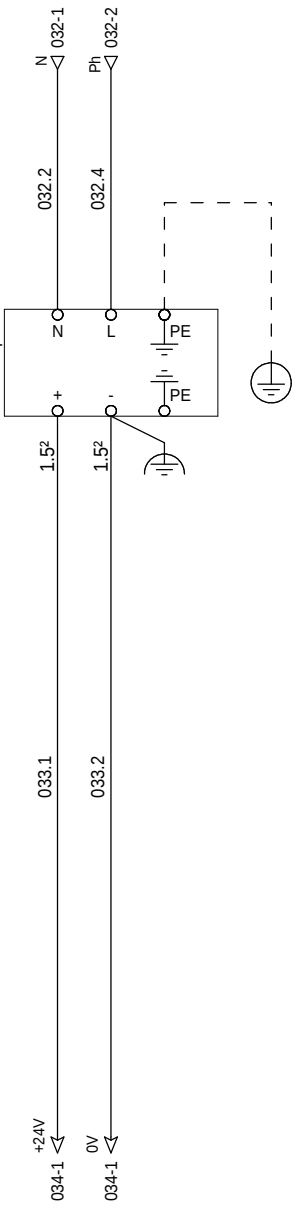
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=N201  
+AP01

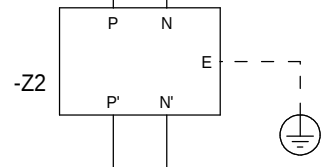
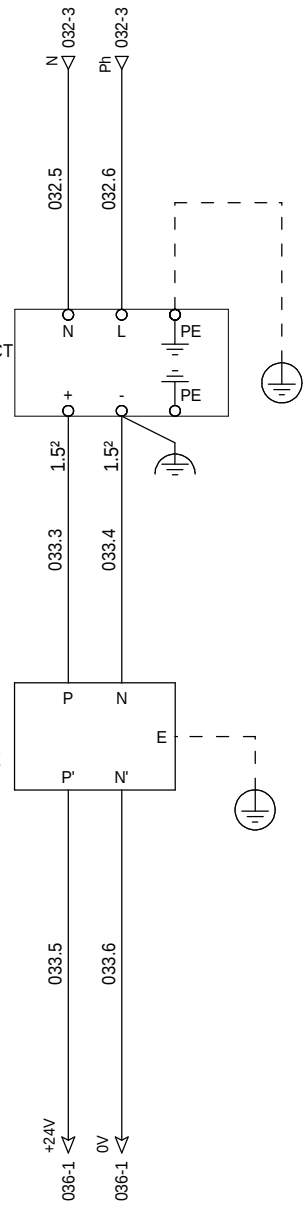
Alimentation  
24Vcc interne

Alimentation  
24Vcc externe

-U1  
FAB: PHOENIX CONTACT  
REF: 2938581  
230Vca / 24Vcc  
5.00A



-U2  
FAB: PHOENIX CONTACT  
REF: 2938578  
230Vca / 24Vcc  
2.50A  
13-14 055-2



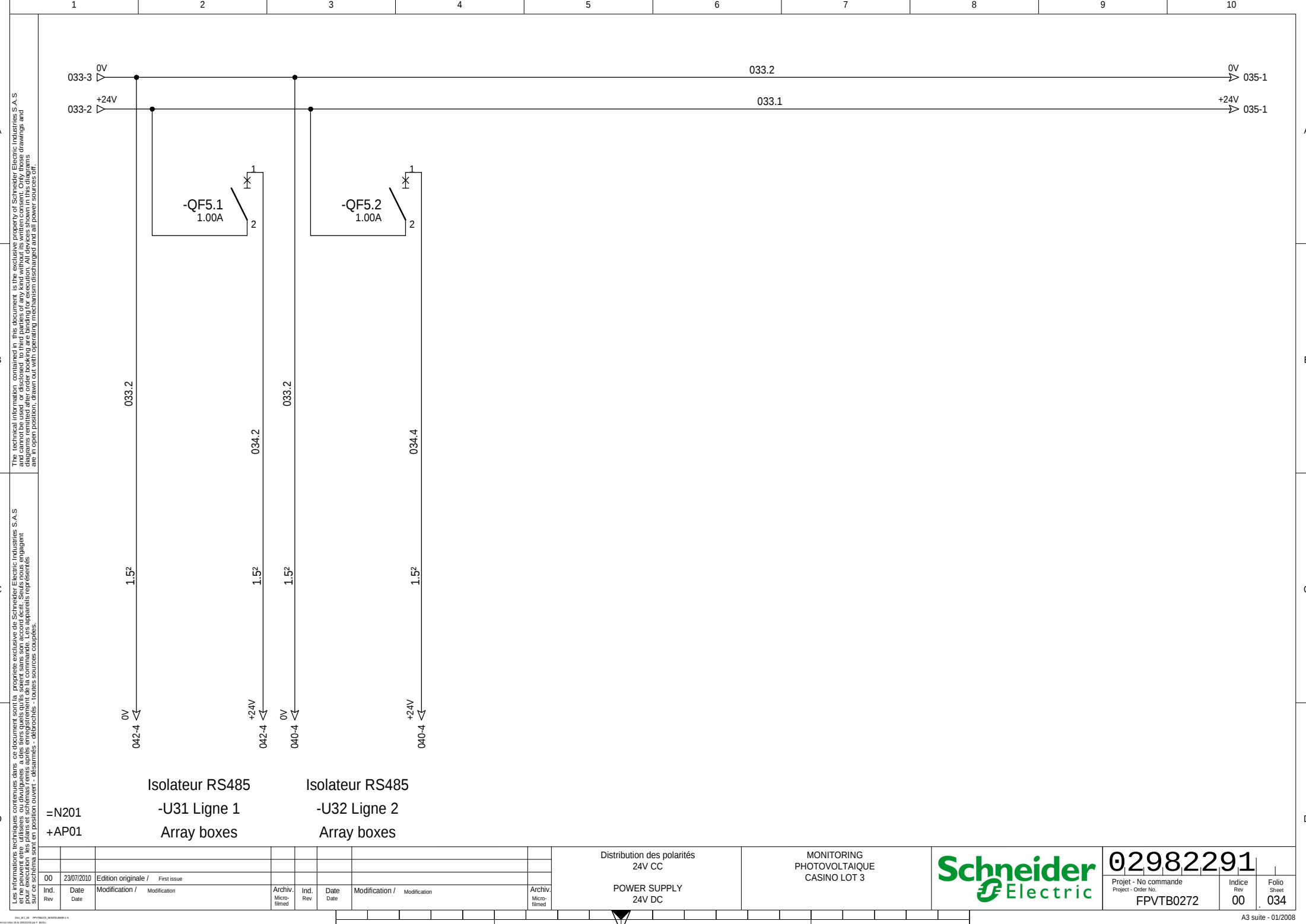
|          |            |                                 |                      |          |           |                             |                      |  |  |
|----------|------------|---------------------------------|----------------------|----------|-----------|-----------------------------|----------------------|--|--|
| 00       | 23/07/2010 | Edition originale / First issue |                      |          |           |                             |                      |  |  |
| Ind. Rev | Date Date  | Modification / Modification     | Archiv. Micro-filmed | Ind. Rev | Date Date | Modification / Modification | Archiv. Micro-filmed |  |  |

Distribution des polarités  
  
POWER SUPPLY

MONITORING  
PHOTOVOLTAIQUE  
CASINO LOT 3



|                                                          |                     |                       |  |
|----------------------------------------------------------|---------------------|-----------------------|--|
| 02982291                                                 |                     |                       |  |
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1 2 3 4 5 6 7 8 9 10

A

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C

D

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=N201  
+AP01

Isolateur RS485  
-U31 Ligne 1  
Array boxes

Isolateur RS485  
-U32 Ligne 2  
Array boxes

Distribution des polarités  
24V CC

POWER SUPPLY  
24V DC

MONITORING  
PHOTOVOLTAIQUE  
CASINO LOT 3

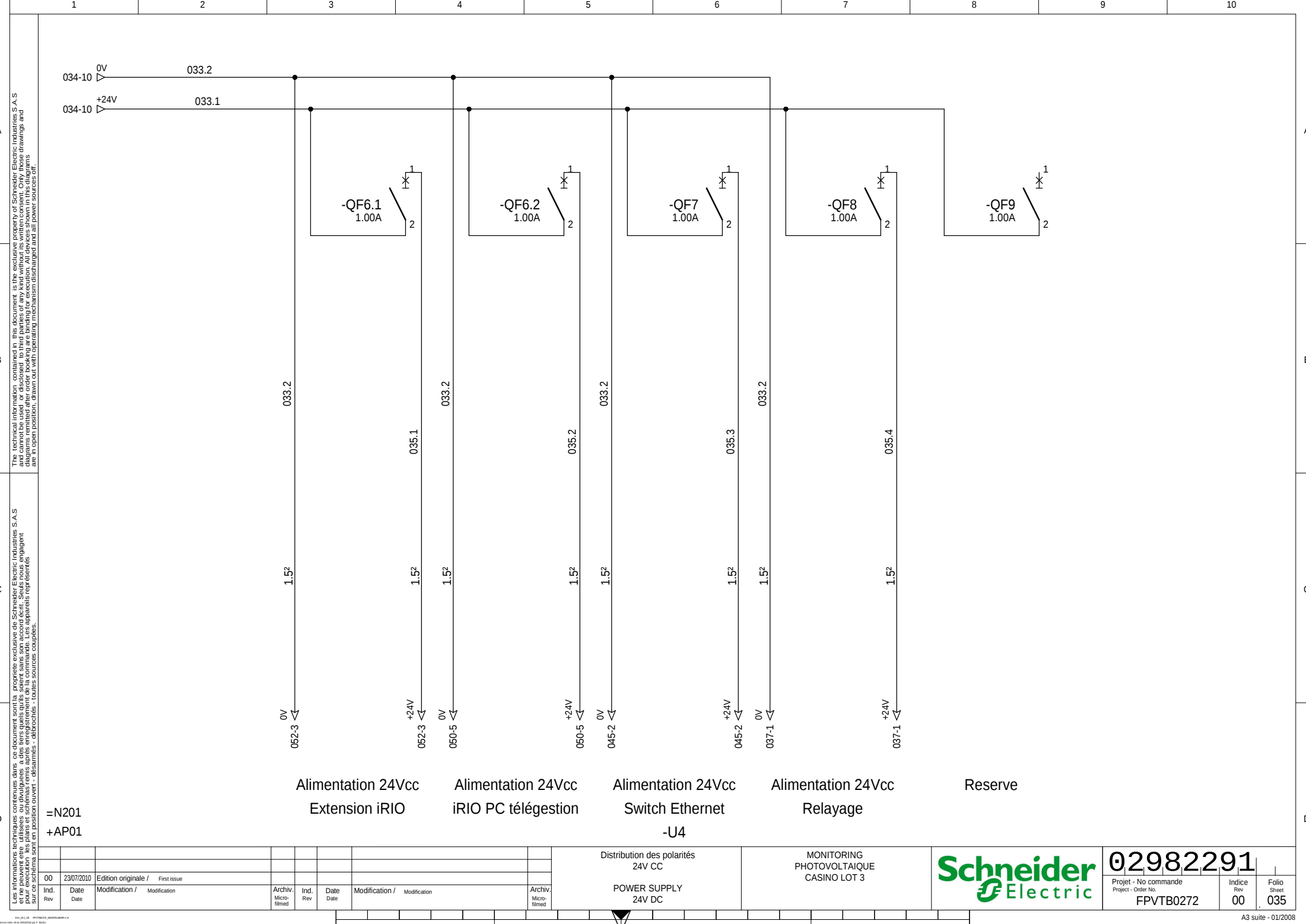


02982291

Projet - No commande  
Project - Order No.  
FPVTB0272

Indice  
Rev  
00

Folio  
Sheet  
034



A

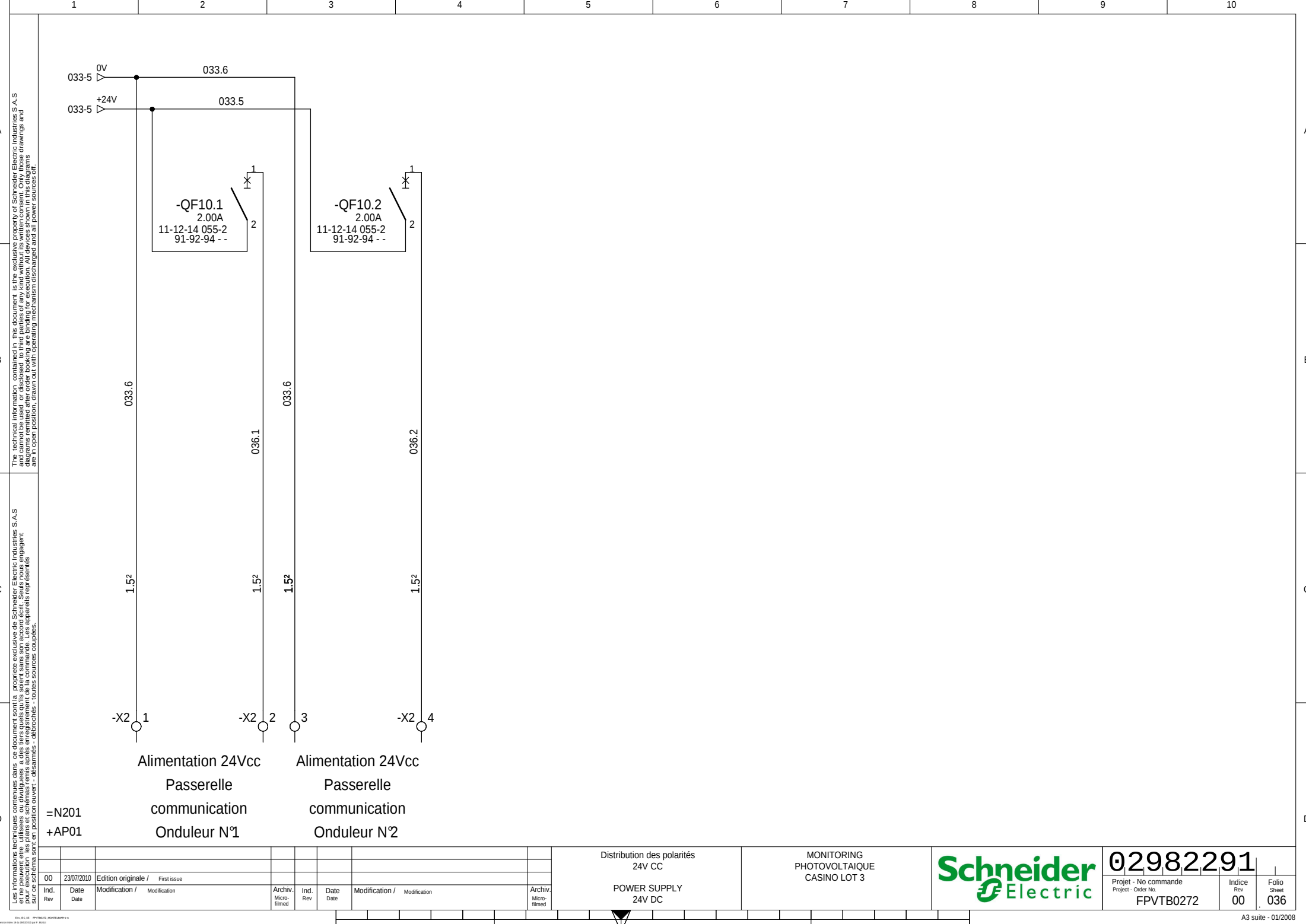
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B

C

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D



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$$= N201 + AP01$$

Commande  
onduleur N°1

Commande  
onduleur N°2

|    |    |  |    |       |
|----|----|--|----|-------|
| 14 | 12 |  | 11 | 038-1 |
| 24 | 22 |  | 21 | - -   |
| 34 | 32 |  | 31 | - -   |
| 44 | 42 |  | 41 | - -   |

|    |    |  |    |       |
|----|----|--|----|-------|
| 14 | 12 |  | 11 | 038-3 |
| 24 | 22 |  | 21 | - -   |
| 34 | 32 |  | 31 | - -   |
| 44 | 42 |  | 41 | - -   |

033.2

035.4

+24V  
→ 059-1

035-7  $\triangle$  +24V

035-6  $\triangle$  0V

Relayage

## RELAYS

MONITORING  
PHOTOVOLTAIQUE  
CASINO LOT 3

**Schneider**  
Electric

|   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|
| 0 | 2 | 9 | 8 | 2 | 2 | 9 | 1 |
|---|---|---|---|---|---|---|---|

Projet - No commande  
Project - Order No.  
FPVTB02

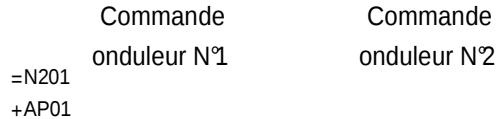
|        |  |
|--------|--|
| Indice |  |
| Rev    |  |
| 00     |  |

Folio  
Sheet  
037

B

C

D

A3 suite - 01/2008

A

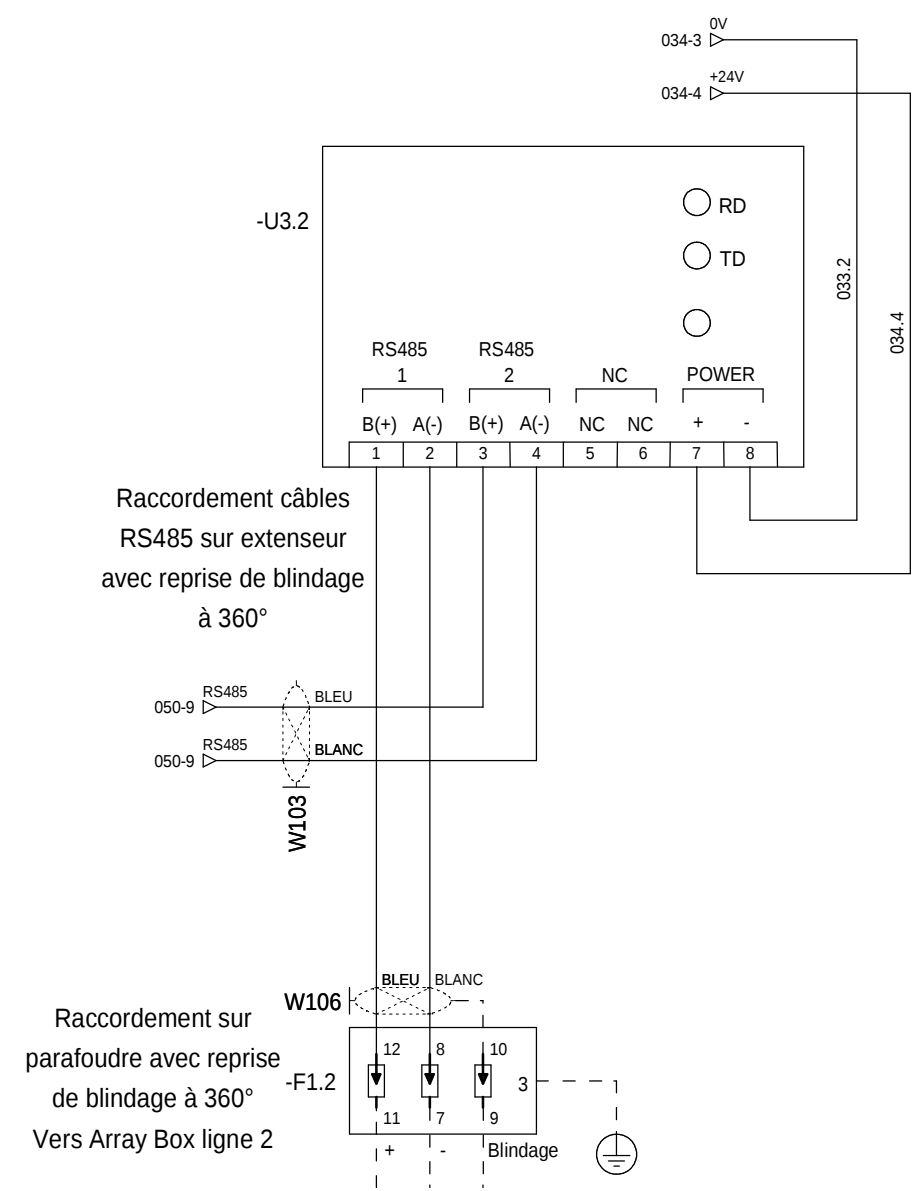
B

C

D

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=N201  
+AP01

|          |            |                                 |                      |          |      |                             |                      |  |  |
|----------|------------|---------------------------------|----------------------|----------|------|-----------------------------|----------------------|--|--|
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Extenseur Modbus RS485  
24V CC

RS485 LINK EXTENDER  
24V DC

MONITORING  
PHOTOVOLTAIQUE  
CASINO LOT 3

02982291

Projet - No commande  
Project - Order No.  
FPVTB0272

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Rev  
01

Folio  
Sheet  
040

A

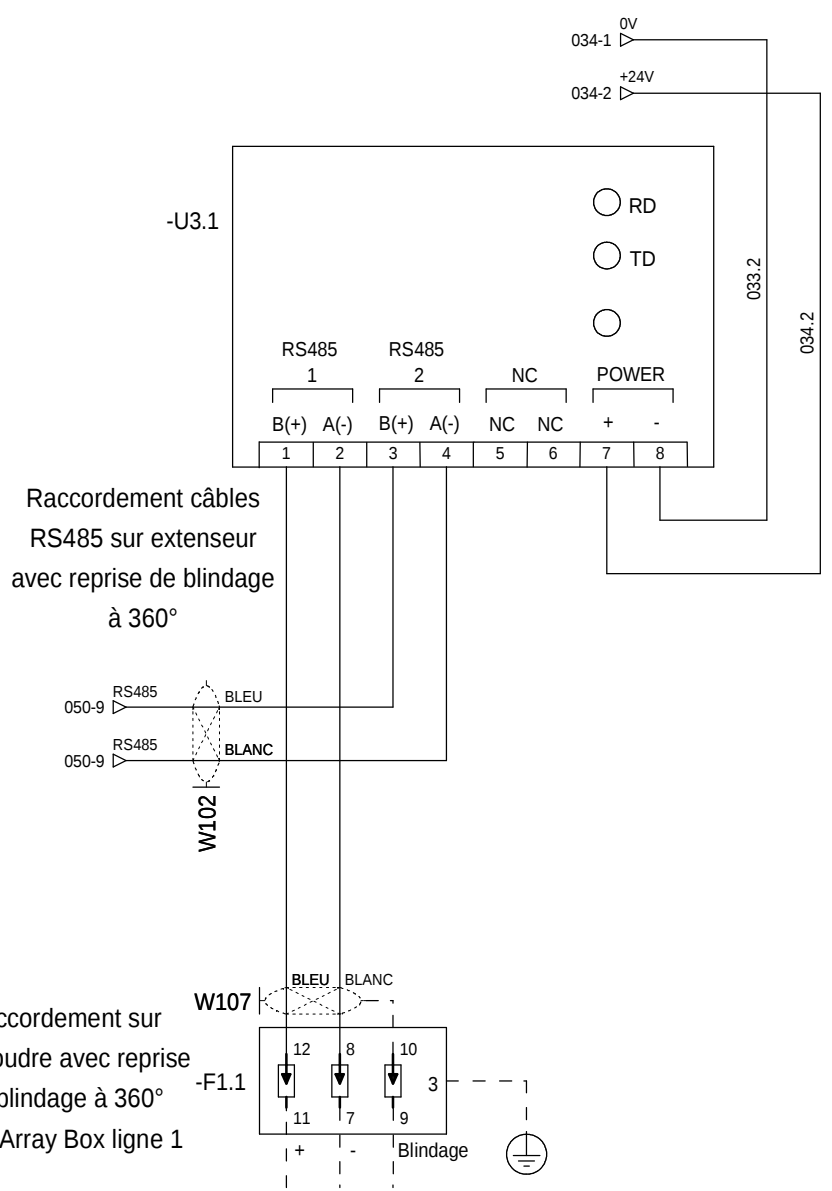
B

C

D

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=N201

+AP01

|          |            |                                 |                      |          |      |                             |                      |  |  |
|----------|------------|---------------------------------|----------------------|----------|------|-----------------------------|----------------------|--|--|
| 01       | 07/01/2011 | Tel que construit               |                      |          |      |                             |                      |  |  |
| 00       | 23/07/2010 | Edition originale / First issue |                      |          |      |                             |                      |  |  |
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Extenseur Modbus RS485  
24V CC

RS485 LINK EXTENDER  
24V DC

MONITORING  
PHOTOVOLTAIQUE  
CASINO LOT 3



|                                             |            |             |  |  |  |  |  |  |  |
|---------------------------------------------|------------|-------------|--|--|--|--|--|--|--|
| 02982291                                    |            |             |  |  |  |  |  |  |  |
| Projet - No commande<br>Project - Order No. | Indice Rev | Folio Sheet |  |  |  |  |  |  |  |
| FPVTB0272                                   | 01         | 042         |  |  |  |  |  |  |  |

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=N201  
+AP01

## Armoire Monitoring

### PDL

Armoire Monitoring  
PTR3

-XF01

A

# B

WO101

OPT → 045-2

OPT → 045-3

045-3 OPT

045-3 OPT

WO102 | 3

Coffret optique  
FIDGI V2

OPTICAL BOX  
FIDGI V2

MONITORING  
PHOTOVOLTAÏQUE  
CASINO LOT 3

**Schneider**  
Electric

02982291

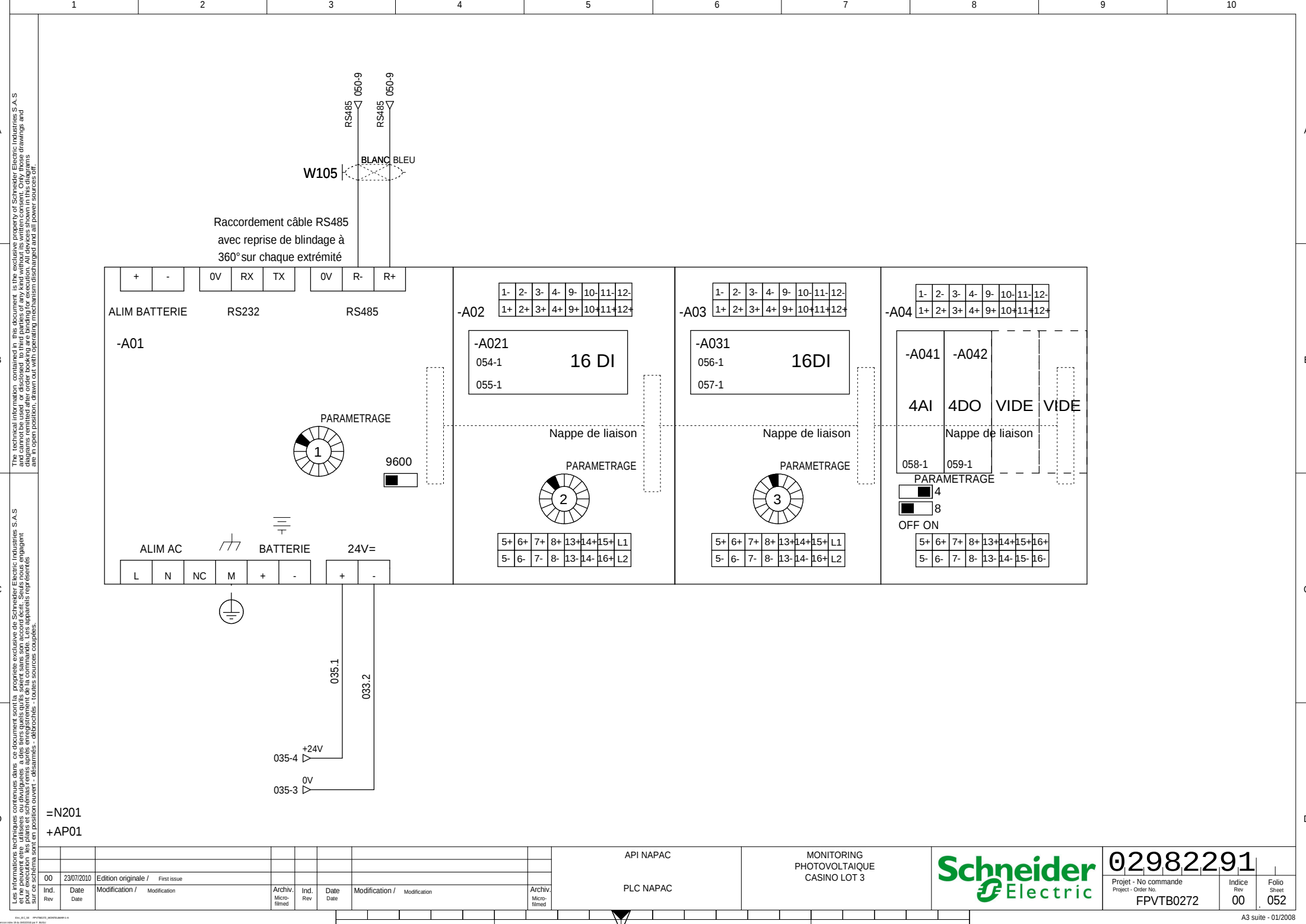
Projet - No commande  
Project - Order No.  
FPVTB02

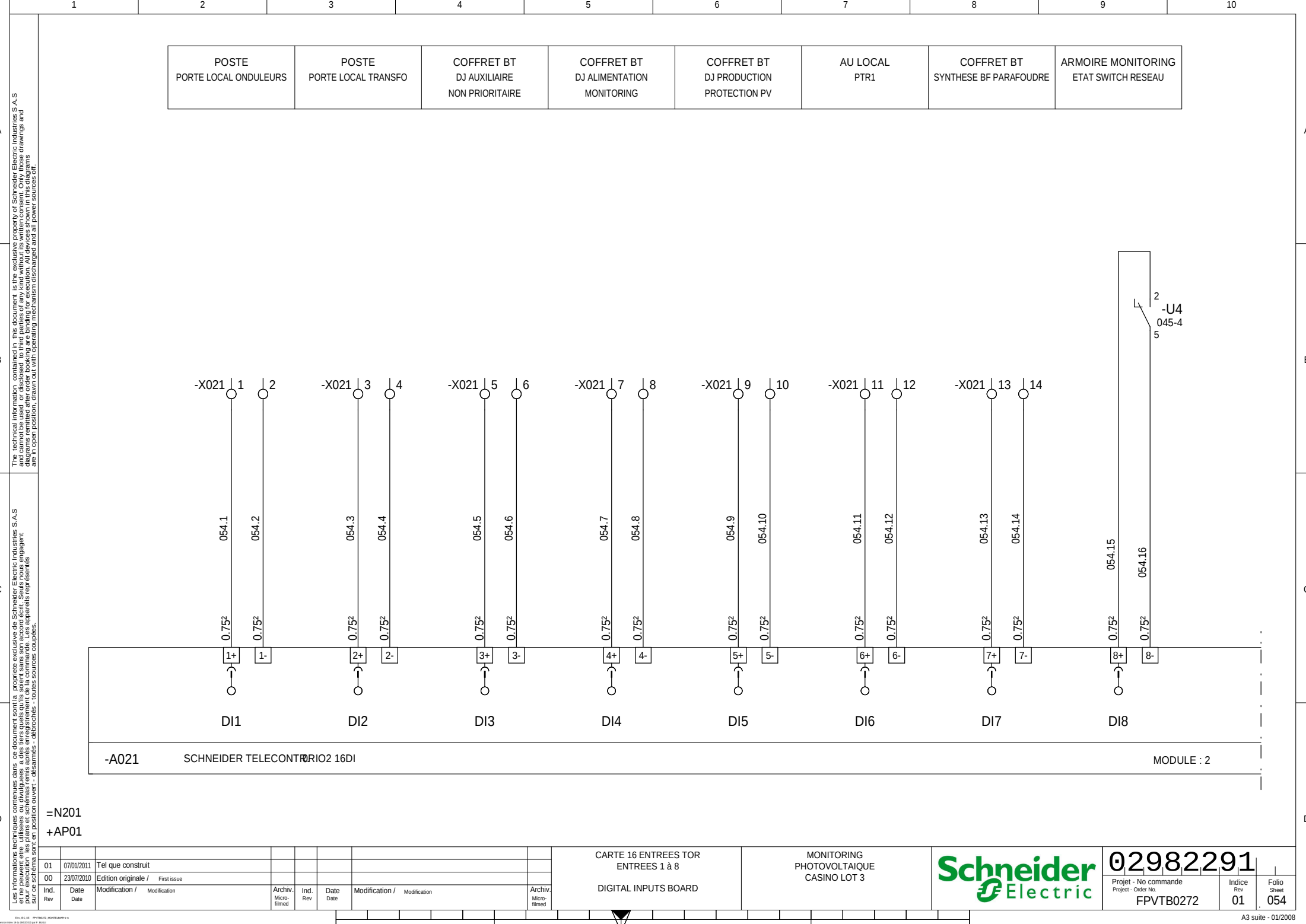
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| Indice |  |
| Rev    |  |
| 00     |  |

Folio  
Sheet  
044









A

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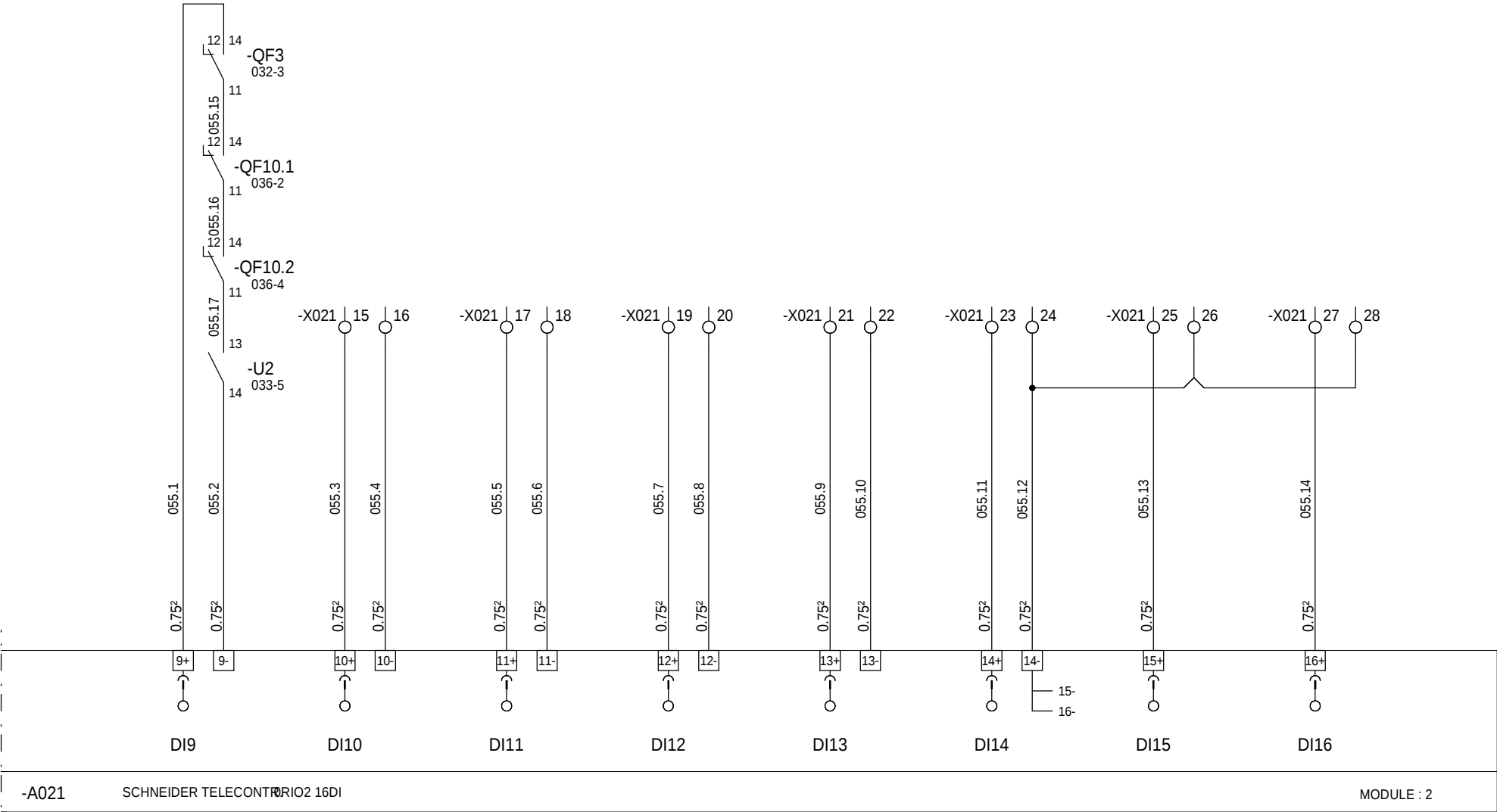
B

C

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D

|                                             |                                     |                                                   |                                                              |                                        |                                                   |                                                  |         |
|---------------------------------------------|-------------------------------------|---------------------------------------------------|--------------------------------------------------------------|----------------------------------------|---------------------------------------------------|--------------------------------------------------|---------|
| ARMOIRE MONITORING<br>ETAT DISJONCTEURS 24V | ONDULEUR POSTE<br>SYNTHESE ETAT UPS | ONDULEUR POSTE<br>FONCTIONNEMENT<br>SUR BATTERIES | ONDULEUR POSTE<br>ETAT BATTERIES, FAIBLES<br>OU TRES FAIBLES | TRANSFORMATEUR<br>ALARME DECLENCHEMENT | TRANSFORMATEUR<br>ALARME 1er SEUIL<br>TEMPERATURE | INV :<br>Disjoncteur alimentation<br>transfo AUX | RESERVE |
|---------------------------------------------|-------------------------------------|---------------------------------------------------|--------------------------------------------------------------|----------------------------------------|---------------------------------------------------|--------------------------------------------------|---------|



=N201  
+AP01

|      |            |                                 |                         |             |              |                             |                         |  |  |
|------|------------|---------------------------------|-------------------------|-------------|--------------|-----------------------------|-------------------------|--|--|
| 01   | 07/01/2011 | Tel que construit               |                         |             |              |                             |                         |  |  |
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| Ind. | Date       | Modification / Modification     | Archiv.<br>Micro-filmed | Ind.<br>Rev | Date<br>Date | Modification / Modification | Archiv.<br>Micro-filmed |  |  |

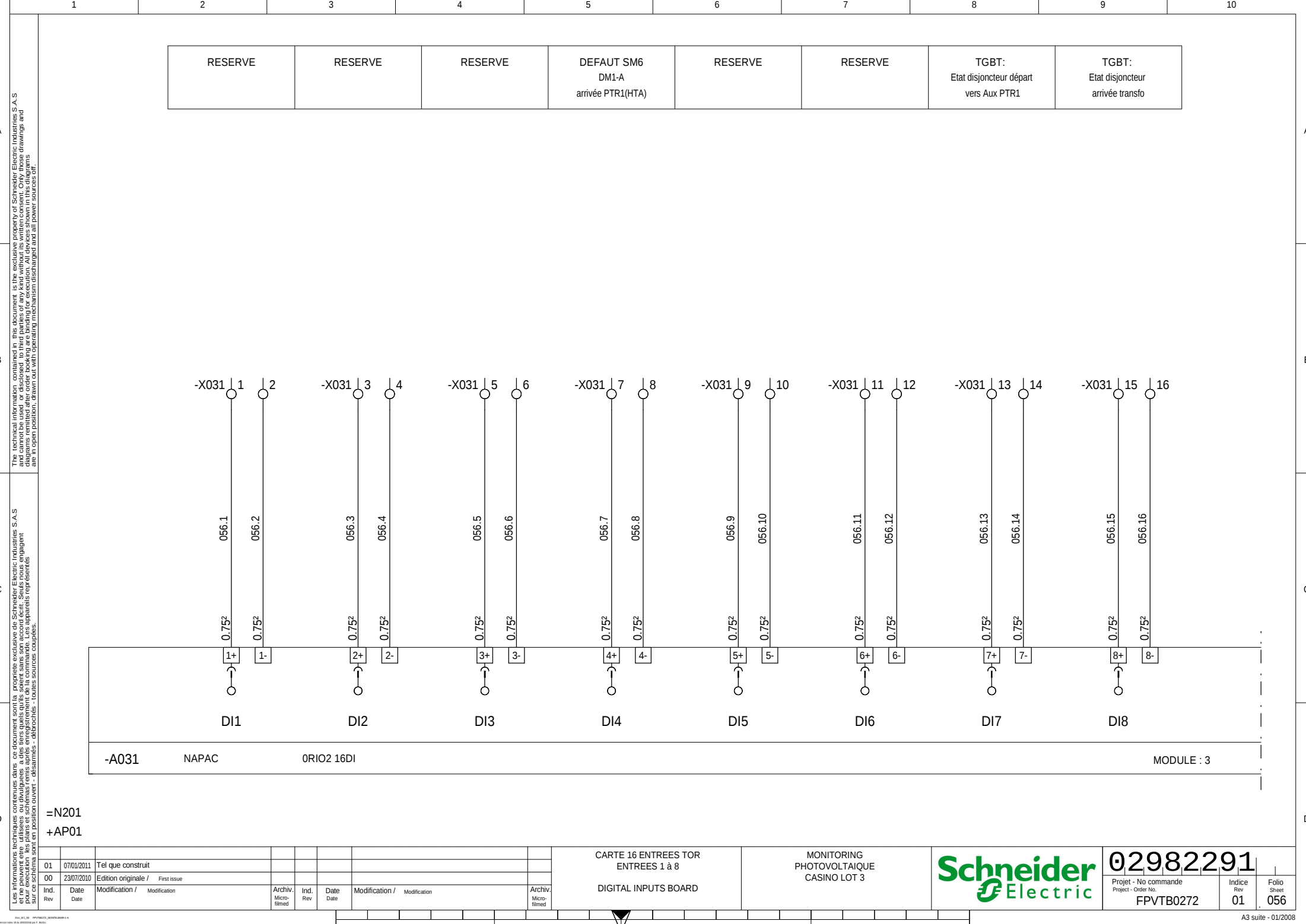
CARTE 16 ENTREES TOR  
ENTREES 9 à 16

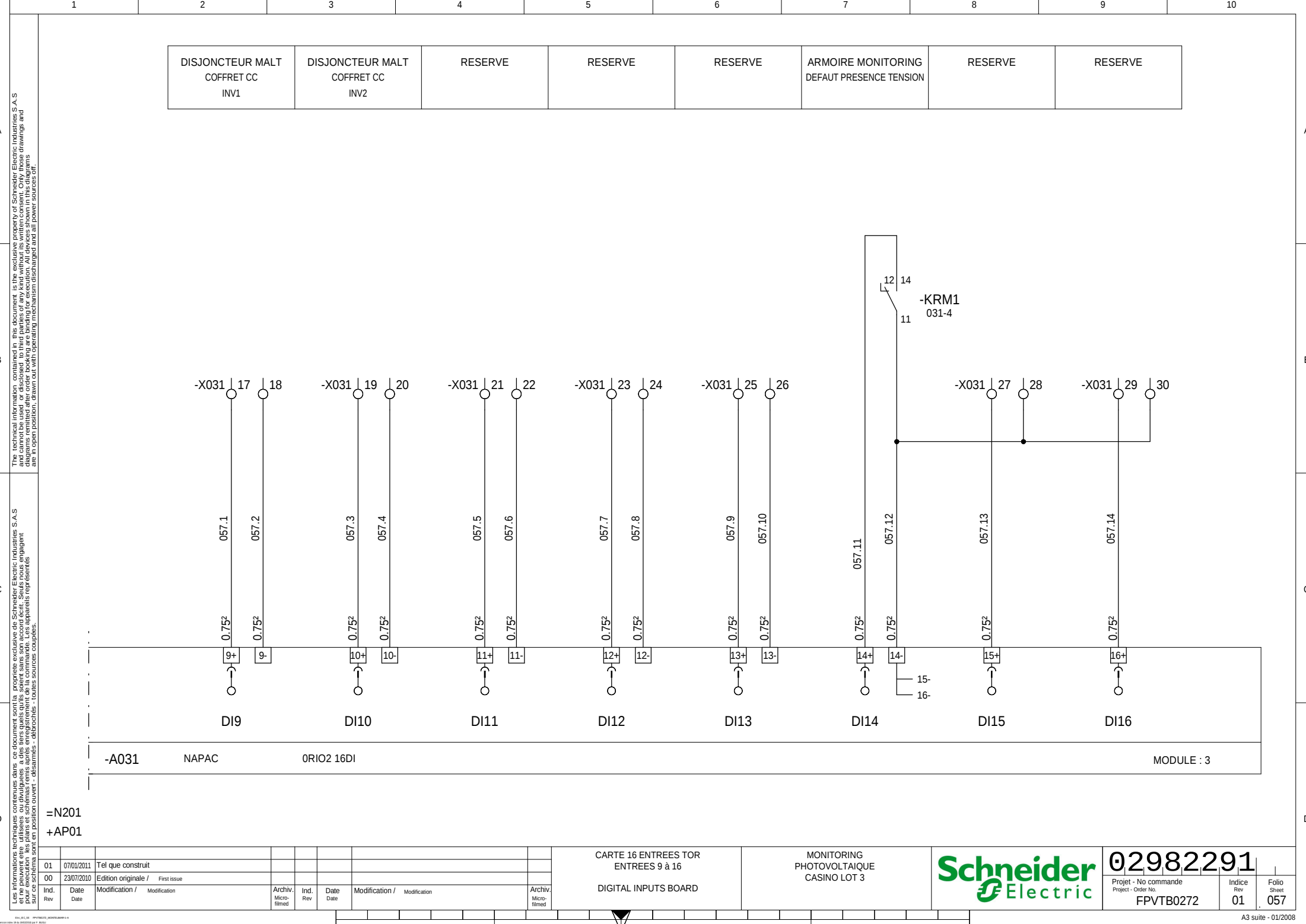
DIGITAL INPUTS BOARD

MONITORING  
PHOTOVOLTAIQUE  
CASINO LOT 3



|                                             |               |                |
|---------------------------------------------|---------------|----------------|
| 02982291                                    |               |                |
| Projet - No commande<br>Project - Order No. | Indice<br>Rev | Folio<br>Sheet |
| FPVTB0272                                   | 01            | 055            |

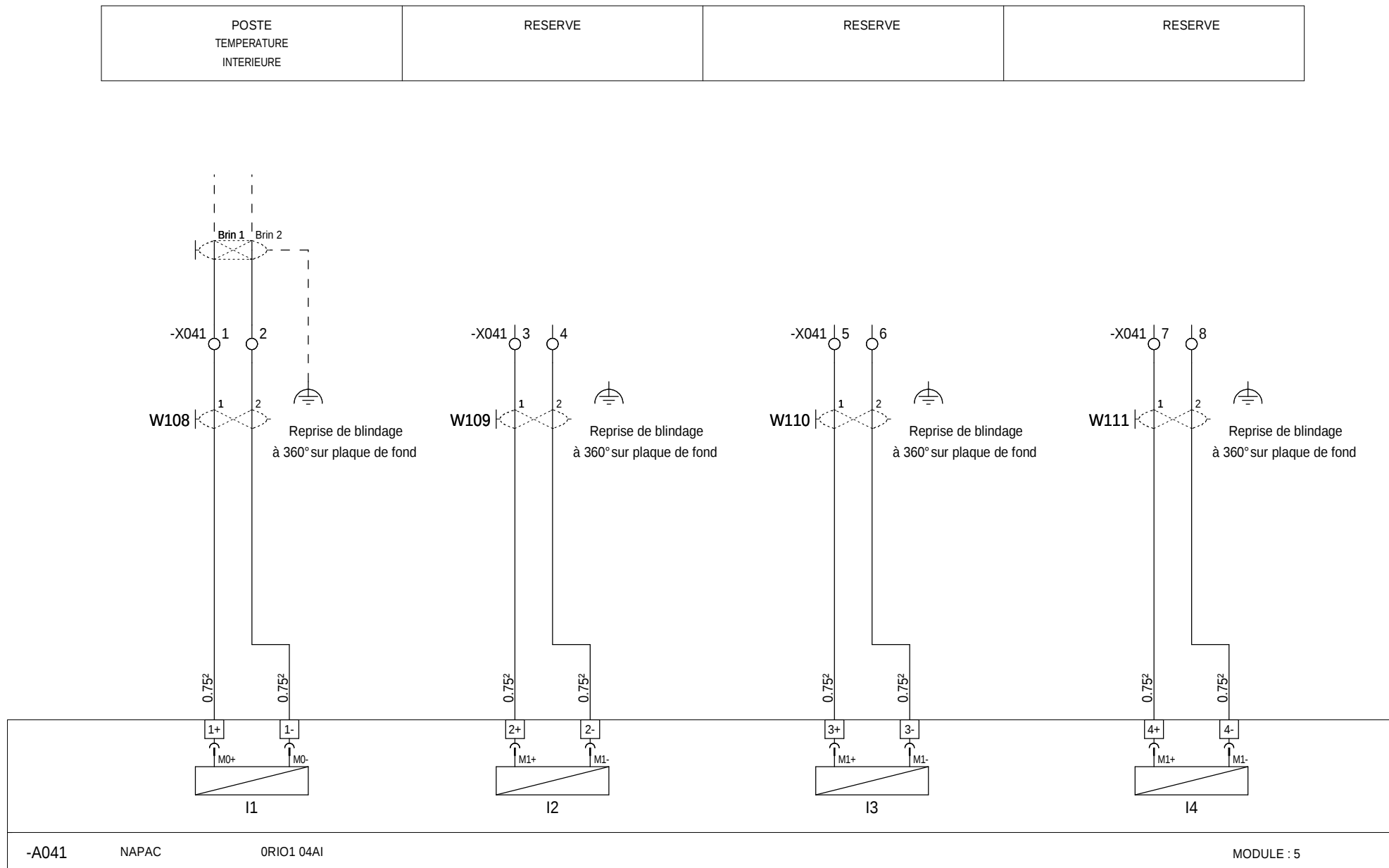




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=N201  
+AP01



### CARTE 4 ENTREES ANALOGIQUES UNIVERSELLES

## ANALOG INPUTS BOARD

MONITORING  
PHOTOVOLTAÏQUE  
CASINO LOT 3

**Schneider**  
Electric

02982291

Projet - No commande  
Project - Order No.  
FPVTB02

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Rev  
01

Folio  
Sheet  
058

B

C

D



CARTE 4 SORTIES TOR  
RELAIS ELECTROMECHANIQUES

DIGITAL OUTPUTS BOARD

MONITORING  
PHOTOVOLTAIQUE  
CASINO LOT 3



Projet - No commande  
Project - Order No.  
FPVTB0272

|                     |                       |
|---------------------|-----------------------|
| Indice<br>Rev<br>00 | Folio<br>Sheet<br>059 |
|---------------------|-----------------------|

A

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B

C

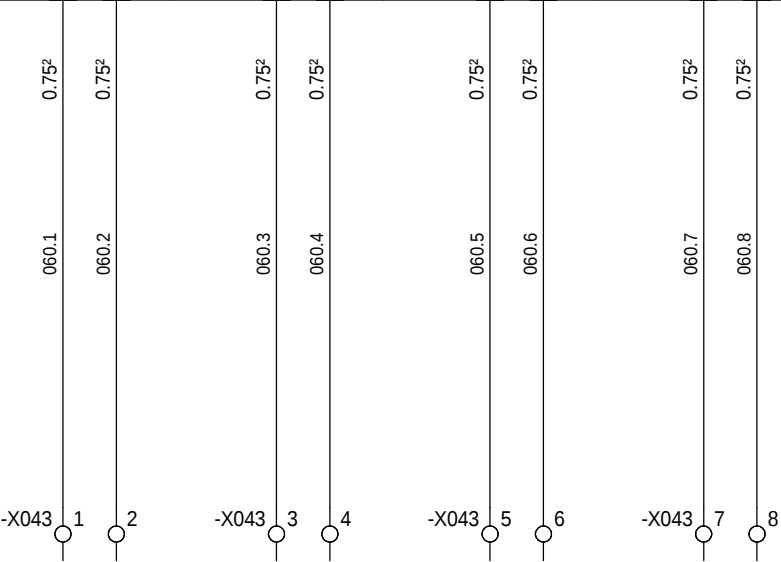
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D

=N201  
+AP01

|         |         |         |         |  |  |  |  |
|---------|---------|---------|---------|--|--|--|--|
| RESERVE | RESERVE | RESERVE | RESERVE |  |  |  |  |
|---------|---------|---------|---------|--|--|--|--|

| VIDE |                                                                                   |                                                                                   |                                                                                   |                                                                                     | MODULE : 7 |  |  |
|------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------|--|--|
|      | 1                                                                                 | 2                                                                                 | 3                                                                                 | 4                                                                                   |            |  |  |
|      |  |  |  |  |            |  |  |
|      | <div>9+</div>                                                                     | <div>10+</div>                                                                    | <div>11+</div>                                                                    | <div>12+</div>                                                                      |            |  |  |
|      | <div>9-</div>                                                                     | <div>10-</div>                                                                    | <div>11-</div>                                                                    | <div>12-</div>                                                                      |            |  |  |



RESERVES SUR BORNES

MONITORING  
PHOTOVOLTAIQUE  
CASINO LOT 3



02982291

Projet - No commande  
Project - Order No.  
FPVTB0272

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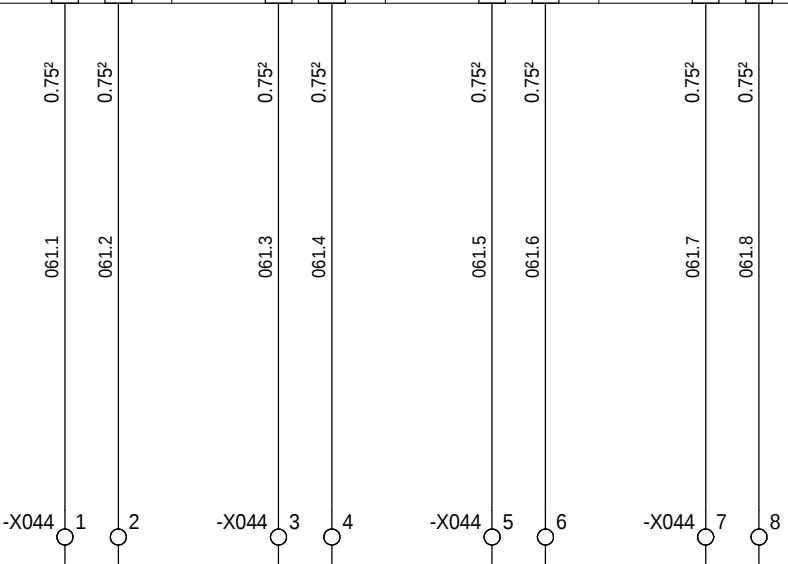
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|      | <div>13+</div>                                                                    | <div>14+</div>                                                                    | <div>15+</div>                                                                    | <div>16+</div>                                                                      |  |  |  |
|      | <div>13-</div>                                                                    | <div>14-</div>                                                                    | <div>15-</div>                                                                    | <div>16-</div>                                                                      |  |  |  |



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| RESERVES SUR BORNES |  |
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| MONITORING<br>PHOTOVOLTAIQUE<br>CASINO LOT 3 |  |
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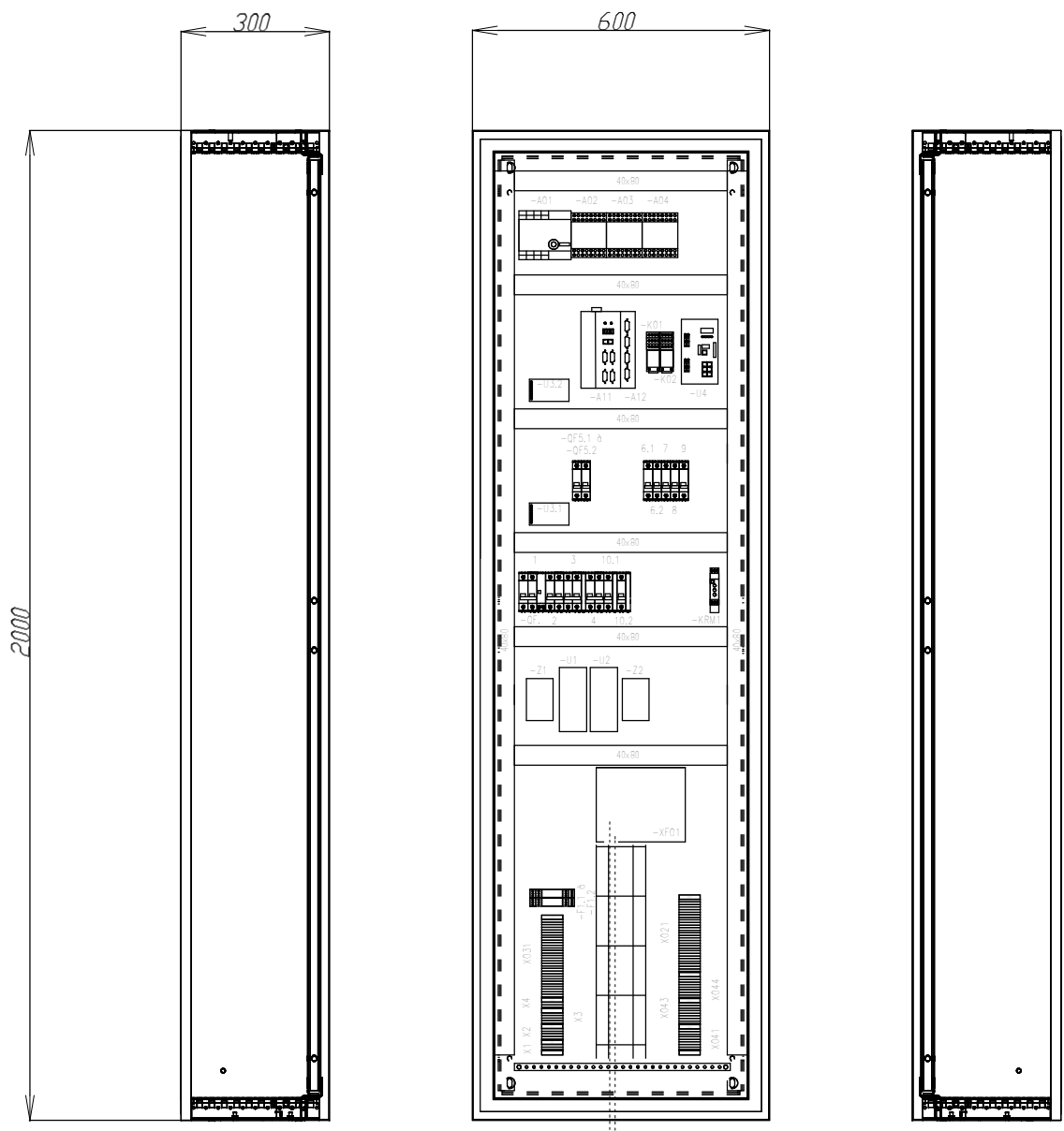
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ARRIVEE CABLES  
INCOMING CABLES

Armoire monobloc  
Implantation matériel  
  
MONOBLOC ENCLOSURE  
INTERNAL LAYOUT

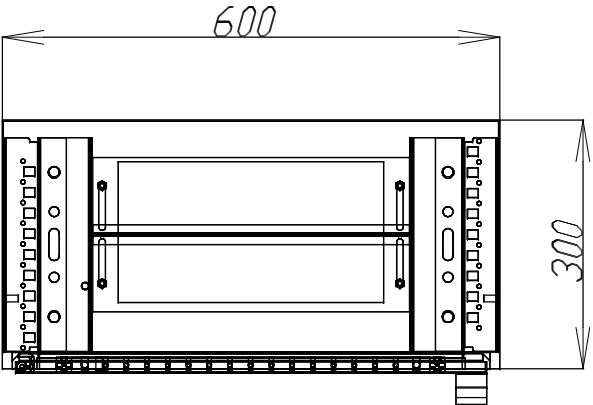
MONITORING  
PHOTOVOLTAIQUE  
CASINO LOT 3



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|                                                                                                                                      |             |              |                                 |  |  |                             |             |              |                             |  |  |                 |                                              |                                                                                       |                                             |           |               |                |     |
|--------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------|---------------------------------|--|--|-----------------------------|-------------|--------------|-----------------------------|--|--|-----------------|----------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------|-----------|---------------|----------------|-----|
| Les informations de ce plan ne peuvent être utilisées que pour la construction sur ce schéma soumis à l'approbation de l'architecte. | 01          | 07/01/2011   | Tel que construit               |  |  |                             |             |              |                             |  |  | Fixation au sol | MONITORING<br>PHOTOVOLTAIQUE<br>CASINO LOT 3 |  | 02982291                                    |           |               |                |     |
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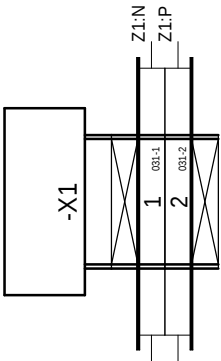
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BORNIER : =N201+AP01-X1

MONITORING  
PHOTOVOLTAIQUE  
CASINO LOT 3



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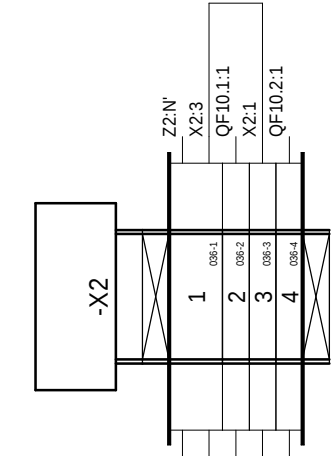
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BORNIER : =N201+AP01-X2

MONITORING  
PHOTOVOLTAIQUE  
CASINO LOT 3



02982291

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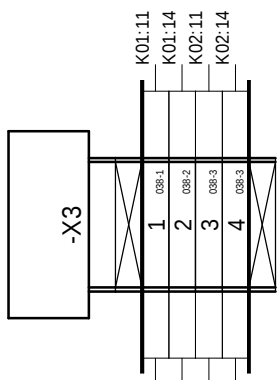
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BORNIER : =N201+AP01-X3

MONITORING  
PHOTOVOLTAÏQUE  
CASINO LOT 3



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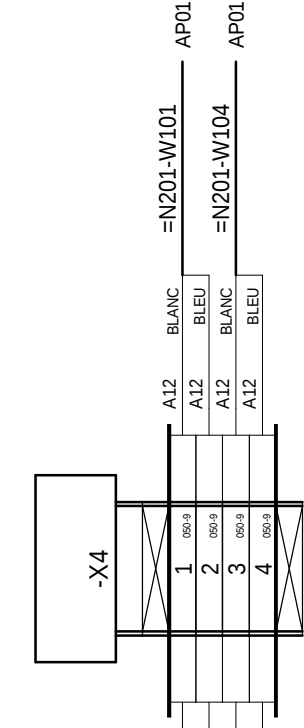
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BORNIER : =N201+AP01-X4

MONITORING  
PHOTOVOLTAIQUE  
CASINO LOT 3



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FPVTB0272

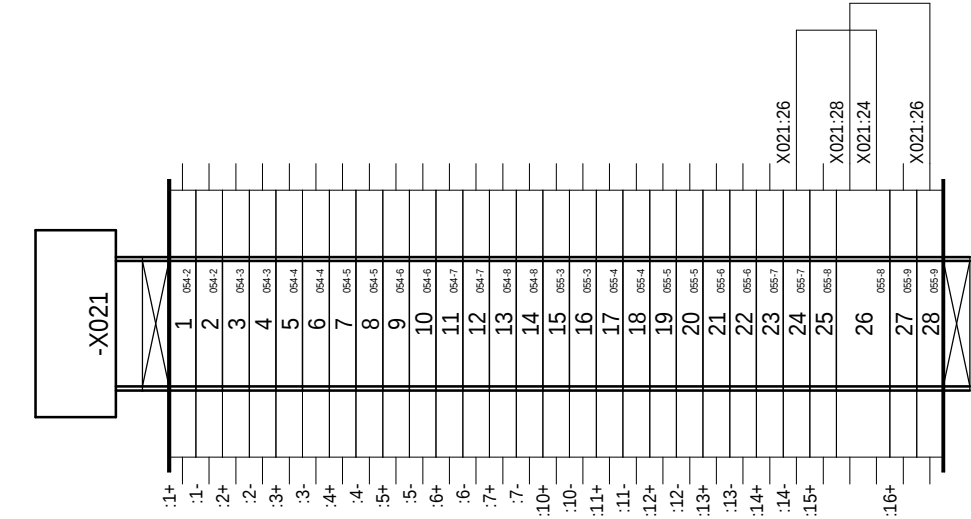
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BORNIER : =N201+AP01-X021

MONITORING  
PHOTOVOLTAIQUE  
CASINO LOT 3



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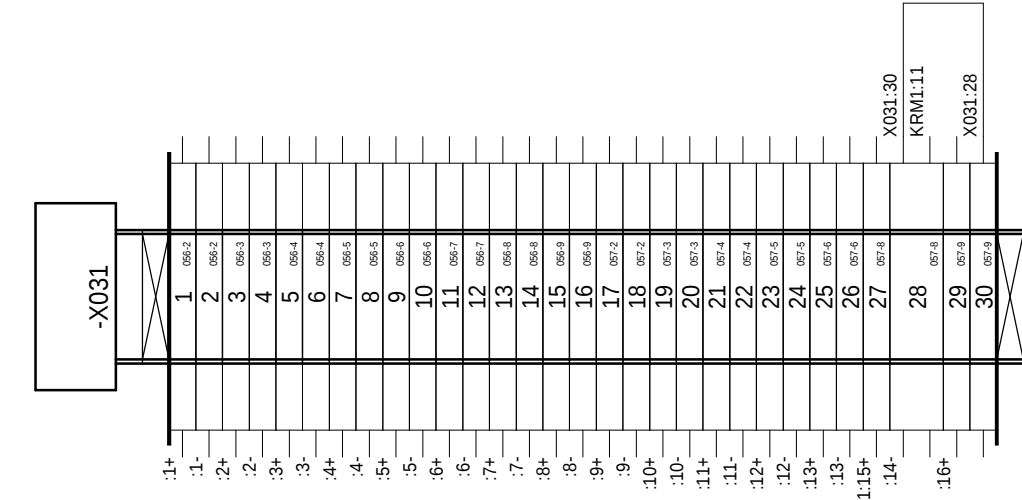
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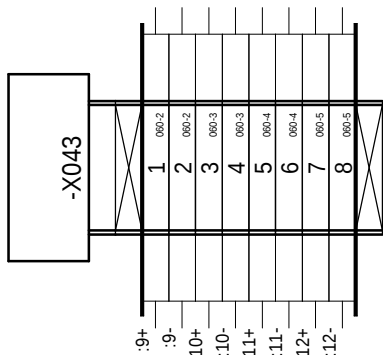
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BORNIER : =N201+AP01-X043

MONITORING  
PHOTOVOLTAIQUE  
CASINO LOT 3



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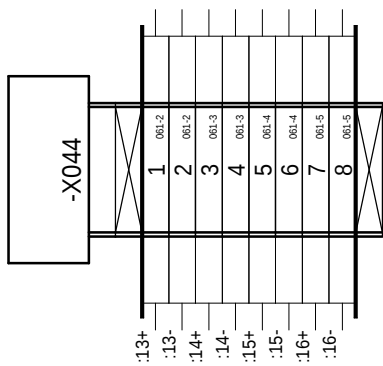
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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------|--------------------------|---------------------------------|------------|------------------------------------------------------------|----------|-----------|-----------------------------|----------------------|---|---------------------------|-------------------------------------|--|
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | Nom composant / Component name |                          |                                 | Page Sheet | Designation                                                |          |           |                             |                      |   | Fabricant<br>Manufacturer | Ref. fabricant<br>Manufacturer Ref. |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | Localisation<br>Location       | Installation<br>Function | Repère<br>Tag                   |            |                                                            |          |           |                             |                      |   |                           |                                     |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | AP01                           | N201                     | A01                             |            |                                                            |          |           |                             |                      |   | SCHNEIDER TELECONTR.      | ORIO2 UPS-2                         |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                |                          | A02                             |            |                                                            |          |           |                             |                      |   | SCHNEIDER TELECONTR.      | ORIO2 EXT-2                         |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                |                          | A03                             |            |                                                            |          |           |                             |                      |   | SCHNEIDER TELECONTR.      | ORIO2 EXT-2                         |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                |                          | A04                             |            |                                                            |          |           |                             |                      |   | SCHNEIDER TELECONTR.      | ORIO2 EXT-1                         |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                |                          | A11                             |            |                                                            |          |           |                             |                      |   | ADVANTECH                 | UNO-1170E                           |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                |                          | A12                             |            |                                                            |          |           |                             |                      |   | ADVANTECH                 | PCM-3614I                           |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                |                          | A021                            |            |                                                            |          |           |                             |                      |   | SCHNEIDER TELECONTR.      | ORIO2 16DI                          |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                |                          | A031                            |            |                                                            |          |           |                             |                      |   | SCHNEIDER TELECONTR.      | ORIO2 16DI                          |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                |                          | A041                            |            |                                                            |          |           |                             |                      |   | SCHNEIDER TELECONTR.      | ORIO1 04AI                          |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                |                          | A042                            |            |                                                            |          |           |                             |                      |   | SCHNEIDER TELECONTR.      | ORIO1 04DO                          |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                |                          | AP01                            |            |                                                            |          |           |                             |                      |   | SCHNEIDER ELECTRIC        | NSYSM20630P                         |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                |                          |                                 |            |                                                            |          |           |                             |                      |   | SCHNEIDER ELECTRIC        | NSYAG223LPF                         |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                |                          |                                 |            |                                                            |          |           |                             |                      |   | SCHNEIDER ELECTRIC        | NSYDPA4                             |  |
| B                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                                |                          |                                 | 086        | GRILLE DE SORTIE POUR VENTILATEUR 223x223, RAL 7035, IP54  |          |           |                             |                      |   | SCHNEIDER ELECTRIC        | NSYSMEC63                           |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                |                          |                                 | 086        | PORTE SCHEMAS A4 PLASTIQUE, PROFONDEUR 22mm, GRIS RAL 7035 |          |           |                             |                      |   | SCHNEIDER ELECTRIC        | NSYIN4551                           |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                |                          |                                 | 086        | PLAQUE PASSE-CABLE 1 PARTIE 18500 600x300                  |          |           |                             |                      |   | SCHNEIDER ELECTRIC        | NSYSMBCE6                           |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                |                          |                                 | 086        | BARILLET CLES 455                                          |          |           |                             |                      |   | SCHNEIDER ELECTRIC        | NSYSMT6                             |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                |                          |                                 | 086        | JOINT TECHNIQUE POUR PLAQUE PASSE-CABLE LARGEUR 600        |          |           |                             |                      |   | SCHNEIDER ELECTRIC        | NSYSDT6                             |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                |                          |                                 | 086        | TABLETTE DE PORTE POUR ARMOIRE L=600                       |          |           |                             |                      |   | PHOENIX CONTACT           | 2858043                             |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                |                          | F1.1                            | 042        | FICHE PARAFONDRE LIAISON HF 3FILS-In:10KA (8/20)-Uc:13VCC  |          |           |                             |                      |   | PHOENIX CONTACT           | 2856126                             |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                |                          |                                 | 042        | EMBASE PARAFONDRE AVEC DECOUPLAGE ECRAN/MASSE              |          |           |                             |                      |   | PHOENIX CONTACT           | 2839295                             |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                |                          |                                 | 042        | RACCORDEMENT AUTODENUDANT POUR BLINDAGE                    |          |           |                             |                      |   | PHOENIX CONTACT           | 2858043                             |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                |                          | F1.2                            | 040        | FICHE PARAFONDRE LIAISON HF 3FILS-In:10KA (8/20)-Uc:13VCC  |          |           |                             |                      |   | PHOENIX CONTACT           | 2856126                             |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                |                          |                                 | 040        | EMBASE PARAFONDRE AVEC DECOUPLAGE ECRAN/MASSE              |          |           |                             |                      |   | PHOENIX CONTACT           | 2839295                             |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                |                          |                                 | 040        | RACCORDEMENT AUTODENUDANT POUR BLINDAGE                    |          |           |                             |                      |   | TELEMECANIQUE             | RHK412BA76                          |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                |                          | K01                             | 037        | RELAIS BISTABLE AVEC DIODE 24VDC 4INV                      |          |           |                             |                      |   | TELEMECANIQUE             | RHZ21                               |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                |                          |                                 | 037        | EMBASE AVANT VIS                                           |          |           |                             |                      |   | TELEMECANIQUE             | RXZ 400                             |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                |                          |                                 | 037        | ETRIER METALLIQUE DE MAINTIEN                              |          |           |                             |                      |   | TELEMECANIQUE             | RHK412BA76                          |  |
| C                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                                |                          | K02                             | 037        | RELAIS BISTABLE AVEC DIODE 24VDC 4INV                      |          |           |                             |                      |   | TELEMECANIQUE             | RHZ21                               |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                |                          |                                 | 037        | EMBASE AVANT VIS                                           |          |           |                             |                      |   | TELEMECANIQUE             | RXZ 400                             |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                |                          |                                 | 037        | ETRIER METALLIQUE DE MAINTIEN                              |          |           |                             |                      |   | MERLIN GERIN              | RM17UAS15                           |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                |                          | KRM1                            | 031        | RELAIS DE CONTROLE DE TENSION RM17U                        |          |           |                             |                      |   | MERLIN GERIN              | 24201                               |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                |                          | QF1                             | 032        | DISJONCTEUR C60N BI 10A COURBE C                           |          |           |                             |                      |   | MERLIN GERIN              | 26511                               |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                |                          |                                 | 032        | BLOC VIGI C60 = 25A BI 220-415VAC 300mA                    |          |           |                             |                      |   | MERLIN GERIN              | 24581                               |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                |                          | QF2                             | 032        | DISJONCTEUR C60N BI 2 A COURBE D                           |          |           |                             |                      |   | MERLIN GERIN              | 24581                               |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                |                          | QF3                             | 032        | DISJONCTEUR C60N BI 2 A COURBE D                           |          |           |                             |                      |   | MERLIN GERIN              | 26929                               |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                |                          |                                 | 032        | CONTACT OF+SD/OF                                           |          |           |                             |                      |   | MERLIN GERIN              | 24198                               |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                |                          | QF4                             | 032        | DISJONCTEUR C60N BI 3A COURBE C                            |          |           |                             |                      |   | MERLIN GERIN              | 61501                               |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                |                          | QF7                             | 035        | DISJONCTEUR C60H-DC UNI 1 A COURBE C                       |          |           |                             |                      |   | MERLIN GERIN              | 61501                               |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                |                          | QF8                             | 035        | DISJONCTEUR C60H-DC UNI 1 A COURBE C                       |          |           |                             |                      |   | MERLIN GERIN              | 61501                               |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                |                          | QF9                             | 035        | DISJONCTEUR C60H-DC UNI 1 A COURBE C                       |          |           |                             |                      |   | MERLIN GERIN              | 61502                               |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                |                          | QF10.1                          | 036        | DISJONCTEUR C60H-DC UNI 2 A COURBE C                       |          |           |                             |                      |   | MERLIN GERIN              | 26929                               |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                |                          |                                 | 036        | CONTACT OF+SD/OF                                           |          |           |                             |                      |   | MERLIN GERIN              | 61502                               |  |
| D                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                                |                          | QF10.2                          | 036        | DISJONCTEUR C60H-DC UNI 2 A COURBE C                       |          |           |                             |                      |   | MERLIN GERIN              | 26929                               |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                |                          |                                 | 036        | CONTACT OF+SD/OF                                           |          |           |                             |                      |   | MERLIN GERIN              | 61501                               |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                |                          | QF5.1                           | 034        | DISJONCTEUR C60H-DC UNI 1 A COURBE C                       |          |           |                             |                      |   | MERLIN GERIN              | 61501                               |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                |                          | QF5.2                           | 034        | DISJONCTEUR C60H-DC UNI 1 A COURBE C                       |          |           |                             |                      |   | MERLIN GERIN              | 61501                               |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                |                          | QF6.1                           | 035        | DISJONCTEUR C60H-DC UNI 1 A COURBE C                       |          |           |                             |                      |   | MERLIN GERIN              | 61501                               |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                |                          | QF6.2                           | 035        | DISJONCTEUR C60H-DC UNI 1 A COURBE C                       |          |           |                             |                      |   | MERLIN GERIN              | 61501                               |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | N201                           |                          | U1                              | 033        | ALIMENTATION A DECOUPAGE PRIMAIRE MONO, SORTIE 24VDC 5 A   |          |           |                             |                      |   | PHOENIX CONTACT           | 2938581                             |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | AP01                           |                          | U2                              | 033        | ALIMENTATION A DECOUPAGE PRIMAIRE MONO, SORTIE 24VDC 2,5A  |          |           |                             |                      |   | PHOENIX CONTACT           | 2938578                             |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                |                          | U4                              | 045        | SWITCH ETHERNET 6 PORTS 10/100 TX ET 2 PORTS 100 FX-MM     |          |           |                             |                      |   | TELEMECANIQUE             | TCSESM083FCU0                       |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                |                          |                                 |            |                                                            |          |           |                             |                      |   |                           |                                     |  |
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| Nom composant / Component name |              |        | Page  | Designation                                                                                                |   |   |   |   |   | Fabricant       | Ref. fabricant       |
| Localisation                   | Installation | Repère | Sheet |                                                                                                            |   |   |   |   |   | Manufacturer    | Manufacturer Ref.    |
| Location                       | Function     | Tag    |       |                                                                                                            |   |   |   |   |   |                 |                      |
|                                |              | U3.1   | 042   | ISOLATEUR DE LIGNE RS485                                                                                   |   |   |   |   |   | ETIC            | SI485                |
|                                |              | U3.2   | 040   | ISOLATEUR DE LIGNE RS485                                                                                   |   |   |   |   |   | ETIC            | SI485                |
|                                |              | W101   | 050   | CABLE 1 PAIRE TORSADÉE BLINDEE                                                                             |   |   |   |   |   | BELDEN          | 9841                 |
|                                |              | W102   | 050   | CABLE 1 PAIRE TORSADÉE BLINDEE                                                                             |   |   |   |   |   | BELDEN          | 9841                 |
|                                |              | W103   | 050   | CABLE 1 PAIRE TORSADÉE BLINDEE                                                                             |   |   |   |   |   | BELDEN          | 9841                 |
|                                |              | W104   | 050   | CABLE 1 PAIRE TORSADÉE BLINDEE                                                                             |   |   |   |   |   | BELDEN          | 9841                 |
|                                |              | W105   | 050   | CABLE 1 PAIRE TORSADÉE BLINDEE                                                                             |   |   |   |   |   | BELDEN          | 9841                 |
|                                |              | W106   | 040   | CABLE 1 PAIRE TORSADÉE BLINDEE                                                                             |   |   |   |   |   | BELDEN          | 9841                 |
|                                |              | W107   | 042   | CABLE 1 PAIRE TORSADÉE BLINDEE                                                                             |   |   |   |   |   | BELDEN          | 9841                 |
|                                |              | W108   | 058   | CABLE 1 PAIRE TORSADÉE BLINDEE                                                                             |   |   |   |   |   | BELDEN          | 9841                 |
|                                |              | W109   | 058   | CABLE 1 PAIRE TORSADÉE BLINDEE                                                                             |   |   |   |   |   | BELDEN          | 9841                 |
|                                |              | W110   | 058   | CABLE 1 PAIRE TORSADÉE BLINDEE                                                                             |   |   |   |   |   | BELDEN          | 9841                 |
|                                |              | W111   | 058   | CABLE 1 PAIRE TORSADÉE BLINDEE                                                                             |   |   |   |   |   | BELDEN          | 9841                 |
|                                |              | WET101 | 050   | CORDON RESEAU ETHERNET BLINDE, CATEGORIE 5, PAIRE TORSADÉE DROIT 2M                                        |   |   |   |   |   | SCHNEIDER       | 490 NTW 000 02       |
|                                |              | WO101  | 044   | CORDON ZIPCORD SC-PC/SC-PC 6FO MULTIMODE 50/125µm 2.8mm, 2m, ORANGE                                        |   |   |   |   |   | ICTL            | 502102221N           |
|                                |              | WO102  | 044   | CORDON ZIPCORD SC-PC/SC-PC 6FO MULTIMODE 50/125µm 2.8mm, 2m, ORANGE                                        |   |   |   |   |   | ICTL            | 502102221N           |
|                                |              | X1     |       | BLOC DE JONCTION A VIS 2.5mm2, GRIS                                                                        |   |   |   |   |   | PHOENIX CONTACT | 3001501              |
|                                |              |        |       | COUVERCLE                                                                                                  |   |   |   |   |   | PHOENIX CONTACT | 3003020              |
|                                |              | X2     |       | BLOC DE JONCTION A VIS 2.5mm2, GRIS                                                                        |   |   |   |   |   | PHOENIX CONTACT | 3001501              |
|                                |              |        |       | COUVERCLE                                                                                                  |   |   |   |   |   | PHOENIX CONTACT | 3003020              |
|                                |              | X3     |       | BLOC DE JONCTION A VIS 2.5mm2, GRIS                                                                        |   |   |   |   |   | PHOENIX CONTACT | 3001501              |
|                                |              |        |       | COUVERCLE                                                                                                  |   |   |   |   |   | PHOENIX CONTACT | 3003020              |
|                                |              | X4     |       | BLOC DE JONCTION A VIS 2.5mm2, GRIS                                                                        |   |   |   |   |   | PHOENIX CONTACT | 3001501              |
|                                |              |        |       | COUVERCLE                                                                                                  |   |   |   |   |   | PHOENIX CONTACT | 3003020              |
|                                |              | X021   |       | BLOC DE JONCTION A VIS 2.5mm2, GRIS                                                                        |   |   |   |   |   | PHOENIX CONTACT | 3001501              |
|                                |              |        |       | COUVERCLE                                                                                                  |   |   |   |   |   | PHOENIX CONTACT | 3003020              |
|                                |              | X031   |       | BLOC DE JONCTION A VIS 2.5mm2, GRIS                                                                        |   |   |   |   |   | PHOENIX CONTACT | 3001501              |
|                                |              |        |       | COUVERCLE                                                                                                  |   |   |   |   |   | PHOENIX CONTACT | 3003020              |
|                                |              | X041   |       | BLOC DE JONCTION A VIS 2.5mm2, GRIS                                                                        |   |   |   |   |   | PHOENIX CONTACT | 3001501              |
|                                |              |        |       | COUVERCLE                                                                                                  |   |   |   |   |   | PHOENIX CONTACT | 3003020              |
|                                |              | X043   |       | BLOC DE JONCTION A VIS 2.5mm2, GRIS                                                                        |   |   |   |   |   | PHOENIX CONTACT | 3001501              |
|                                |              |        |       | COUVERCLE                                                                                                  |   |   |   |   |   | PHOENIX CONTACT | 3003020              |
|                                |              | X044   |       | BLOC DE JONCTION A VIS 2.5mm2, GRIS                                                                        |   |   |   |   |   | PHOENIX CONTACT | 3001501              |
|                                |              |        |       | COUVERCLE                                                                                                  |   |   |   |   |   | PHOENIX CONTACT | 3003020              |
|                                |              | XFO1   | 044   | COFFRET FIDJI V2 FOLAN 12SC-1K7 MTG AVEC MODULE DE CONNEXION DIRECT COMPRENANT 1 CASSETTE TERAOPTIC MONTEE |   |   |   |   |   | ICTL            | 621081011            |
|                                |              |        | 044   | 8 RACCORDS SC MM FOLAN MONTES                                                                              |   |   |   |   |   | ICTL            | 211011022 (Qté : 8)  |
|                                |              |        | 044   | 8 PIGTAILS SIMPLES SC-PC MULTIMODE 50/125µm 1mm Lg=2m GAMME FOLAN                                          |   |   |   |   |   | ICTL            | 511102063N (Qté : 8) |
|                                |              | Z1     | 031   | FILTRE CEM HAUTE PERFORMANCE, COURANT D'EMPLOI 3 A 16A                                                     |   |   |   |   |   | SCHAFFNER       | FN 9675-6/06         |
|                                |              | Z2     | 033   | FILTRE CEM HAUTE PERFORMANCE, COURANT D'EMPLOI 1 A 10A                                                     |   |   |   |   |   | SCHAFFNER       | FN 682-4/06          |
|                                |              |        |       |                                                                                                            |   |   |   |   |   |                 |                      |
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