

KONE Equipment number: **11470660**

Customer: **SFA-0001**

Sales order number:



Part number:



0008248373

20.2.0188

| Number | Issue | Page | Title |
|------------|-------|------|--|
| 811850E00 | G | 1 | Position number table |
| 811850E00 | G | 2 | Position number table |
| 811850E00 | G | 3 | Position number table |
| 1374500E01 | - | 1 | Power Supply |
| 1374518E01 | A | 2 | Machinery, Controller and MAP |
| 812304E02 | B | 1 | Calls and signals PB-DC - TTC |
| 955992E02 | A | 2 | Safety chain |
| 955992E02 | A | 3 | Shaft electrification |
| 802002E03 | C | 1 | Car roof, AMD_D1 |
| 812300E03 | D | 2 | Car COP |
| 979101E04 | D | 1 | Drive module |
| 979101E04 | D | 2 | Drive module |
| 811850E05 | B | 1 | Safety chain |
| 713310E06 | - | 1 | Simplex |
| 811850E07 | E | 1 | Control module |
| 812300E08 | C | 1 | Signals in car, COP |
| 812300E08 | C | 2 | Signals in car, COP |
| 812300E09 | A | 1 | Car calls |
| 812300E09 | A | 2 | Car calls |
| 812300E10 | - | 1 | Landing calls and signals PB-DC |
| 812304E10 | - | 1 | Landing calls and signals PB-DC - TTC |
| 812302E11 | A | 1 | AMD DRIVE1/1.5 A-side |
| 812303E11 | A | 1 | AMD DRIVE1/1.5 B-side |
| 713310E14 | C | 1 | ADO/ACL-circuit |
| 812300E17 | A | 1 | Locking of landing calls/LOL N/E, FID S, EN81-73 |
| 812301E17 | A | 1 | Locking of landing calls/LOL N/E, - TTC |
| 885520E18 | - | 1 | Lift announcer ACU, LON interface |
| 812300E23 | E | 1 | Mains with neutral |
| 812301E24 | C | 1 | KRM/Car |
| 812301E24 | C | 2 | KRM/Controller |
| 812300E25 | C | 1 | Remote alarm |
| 713311E60 | D | 1 | Normal/short floor distance |
| 781710E90 | B | 1 | Layout for MAP |
| 781710E91 | C | 1 | Layout for switches and options module |
| 781710E92 | C | 1 | Layout for top module |
| 781711E90 | A | 1 | Layout for SEP |

| Number | Issue | Page | Title |
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| 781711E91 | A | 1 | Layout for top module |
| 781711E92 | A | 1 | Layout for opt module |


ELEVATOR PARAMETERS:

| Number | Description | Value |
|--------|-------------------------------------|-------|
| 1-1 | Main floor | 4 |
| 1-10 | Door open time | 5 |
| 1-12 | ADO enable | 0 |
| 1-13 | Nudging in use (NUD) | 0 |
| 1-15 | Quick close with new car call (QCC) | 0 |
| 1-17 | Quick close by photocell | 1 |
| 1-2 | Control mode | 2 |
| 1-20 | Door buzzer | 0 |
| 1-21 | Extended door time | 0 |
| 1-24 | Car with two doors (TTC) | 1 |
| 1-44 | Attendant service | 0 |
| 1-45 | Locking type | 0 |
| 1-50 | Elevator number in group | 1 |
| 1-56 | Group size | 1 |
| 1-59 | Fire reserve floor | 0 |
| 1-61 | Area code | 0 |
| 1-62 | Fire Type | 0 |
| 1-66 | FPD | 0 |
| 1-74 | Priority landing call type | 0 |
| 1-75 | Car fan saving | 5 |
| 1-76 | Car light saving | 4 |
| 1-80 | Compulsory stop at main floor (CSM) | 0 |
| 1-81 | HAN C | 1 |
| 1-86 | EAQ | 0 |
| 1-87 | EBD | 0 |
| 1-91 | DOM/SSA_XXX | 0 |
| 1-92 | FAN type | 0 |
| 1-93 | Non-selective COP | 1 |
| 1-95 | Drive interface | 1 |
| 1-96 | OSI Selection | 0 |
| 1-98 | Light Type | 0 |
| 3-4 | Floors announcements | 1 |
| 7-80 | Buzzer Volume | 3 |
| 7-81 | Buzzer Volume Main | 7 |
| 7-82 | Gong Volume | 3 |
| 7-83 | Gong Volume Main | 7 |
| 7-98 | ALS in use | 1 |

ELEVATOR CONFIGURATION:

| Option | Description |
|--------|-------------------------------------|
| ABE_D | Alarm bell pushed longer than delay |
| ACL | Accurate Levelling |
| ACU | Elevator announcer |

| Option | Description |
|------------|---------------------------------------|
| ACU_F | Elevator announcer Factory programmed |
| AMD | AMD doors |
| AMD_D1 | AMD Drive 1 doors |
| AMD_D1_C | AMD Drive 1 doors C side |
| COP1 | Number of COP |
| DC | Down Collective logic |
| KDL16 | KDL16 |
| KRM | KRM system |
| KSS | KSS COP |
| LCERAL | Remote alarm |
| LOL | Locking of landing calls |
| LOL_O | Locking of landing calls |
| MSW5 | MSW5 distribution system |
| MSWREV | Main switch with reversed connection |
| MX06 | MX06 Machinery |
| NGSE | NGSE |
| NOCAB | NoCabinet elevator |
| OPTIONS | Options |
| ROPING_2_1 | Roping 2:1 |
| SHL | Shaft lighting |
| SIMPLEX | Simplex |
| SPEED_1M | Rated speed 1,0 m/s |
| TTC | Through type car |

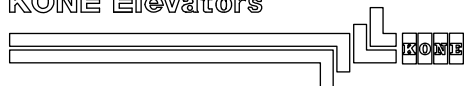
| | 1 | 2 | 3 | 4 | 5 | 6 | | | | | | | |
|---|-----------|---|----------------------------|---------|------|-------------|-------------------------------|------------|-------------|-------------|-----------|--------------|-----|
| A | 82 | CONTACT BORD SENSIBLE | | | | | | | | | | | |
| | 84 | OPÉRATEUR DE PORTE | | | | | | | | | | | |
| | 85 | MOTEUR DE PORTE | | | | | | | | | | | |
| | 87 | CONTACT PORTE CABINE | | | | | | | | | | | |
| | 88 | EMETTEUR DE CELLULE DE PORTE | | | | | | | | | | | |
| | 89 | RÉCEPTEUR DE CELLULE DE PORTE | | | | | | | | | | | |
| | 90 | SYSTÈME DE CELLULE | | | | | | | | | | | |
| | 93:N | DESCENTE LIFTIER | | | | | | | | | | | |
| | 93:U | MONTÉE LIFTIER | | | | | | | | | | | |
| | 94:B | ALARME PERMIS | | | | | | | | | | | |
| B | 96 | INDICATEUR DE POSITION CABINE | | | | | | | | | | | |
| | 97 | VOYANT ENREGISTREMENT D'ALARME | | | | | | | | | | | |
| | 98 | HAUT PARLEUR POUR UNITÉ VOCALE DE L'ASCENSEUR | | | | | | | | | | | |
| | 99 | INDICATION DE SURCHARGE | | | | | | | | | | | |
| | 100 | SYSTÈME INTERCOM | | | | | | | | | | | |
| | 101 | BOÎTE À BOUTONS DESTINATIONS | | | | | | | | | | | |
| | 102 | BOUTONS D'APPEL PB, DC | | | | | | | | | | | |
| | 103 | BOUTON D'APPEL DESCENTE | | | | | | | | | | | |
| | 104 | BOUTON D'APPEL MONTÉE | | | | | | | | | | | |
| | C | 105 | BOUTONS D'APPEL OPTION FEB | | | | | | | | | | |
| 106 | | BOUTONS D'APPEL OPTION FET | | | | | | | | | | | |
| 112,112:1-2 | | BOUTON STOP | | | | | | | | | | | |
| 113 | | INTER D'APPEL OPTION PRL-H/HEL | | | | | | | | | | | |
| 115 | | INTER D'APPEL OPTION PRL-L | | | | | | | | | | | |
| 116 | | INTERRUPTEUR MISE HORS SERVICE | | | | | | | | | | | |
| 117 | | INTERRUPTEUR DE VERROUILLAGE AU NIVEAU | | | | | | | | | | | |
| 120 | | CONTACT DE PORTE DISSIMULÉ | | | | | | | | | | | |
| 121 | | CONTACT DE PORTE PALIÈRE | | | | | | | | | | | |
| D | | 121:E | CONTACT DE PORTE D'URGENCE | | | | | | | | | | |
| | 121:P | CONTACT DE PORTE D'URGENCE | | | | | | | | | | | |
| | 122 | CONTACT DE VERROU. PORTE PALIÈRE | | | | | | | | | | | |
| | 123,123:1 | CONTACT DE POULIE TENDEUSE | | | | | | | | | | | |
| | 124 | CONTACT CÂBLE DE COMPENSATION | | | | | | | | | | | |
| | 125:1-2 | CONTACT AMORTISSEUR | | | | | | | | | | | |
| | 126 | CONTACT LIMITEUR DE VITESSE DU CONTREPOIDS | | | | | | | | | | | |
| | 127 | CONTACT DU LIMITEUR DE VITESSE | | | | | | | | | | | |
| | 127:1 | CONTACT LIMITEUR DE VITESSE DU CONTREPOIDS | | | | | | | | | | | |
| | 133 | INTERRUPTEUR POMPIER | | | | | | | | | | | |
| E | 135:x | DISPOSITIF D'ÉQUILIBRAGE | | | | | | | | | | | |
| | 137 | BOUTON D'ÉCLAIRAGE GAINÉ | | | | | | | | | | | |
| | 139 | SONNERIE D'ALARME | | | | | | | | | | | |
| | 140 | PÈSE-CHARGE | | | | | | | | | | | |
| | 141:x | CONTRÔLE D'OUVERTURE DE PORTE | | | | | | | | | | | |
| | 141:S1 | INTERRUPTEUR DE RÉINITIALISATION À CLÉ | | | | | | | | | | | |
| | 147 | TÉLÉPHONE DE SERVICE PRISE EN CUVETTE | | | | | | | | | | | |
| | 151 | INTER. HORS COURSE SUR GAINÉ | | | | | | | | | | | |
| | 153 | CONTACT MOU DE CÂBLE | | | | | | | | | | | |
| | 155 | CONTACT D'AMORTISSEUR DE SÉCURITÉ DANS LA CUVETTE | | | | | | | | | | | |
| F | 156 | DÉTECTEUR D'EAU | | | | | | | | | | | |
| | 157 | ECLAIRAGE DE GAINÉ | | | | | | | | | | | |
| | 158 | PRISE EN CUVETTE | | | | | | | | | | | |
| | 161 | VOYANT OCCUPÉ | | | | | | | | | | | |
| | 162 | SOULEVER ICI | | | | | | | | | | | |
| | 163 | FLÈCHE DE SENS DESCENTE | | | | | | | | | | | |
| | 164 | FLÈCHE DE SENS MONTÉE | | | | | | | | | | | |
| | 165 | GONG | | | | | | | | | | | |
| | 166 | VOYANT HORS SERVICE | | | | | | | | | | | |
| | 176 | IND. DE POS. CAB. AUX ÉTAGES | | | | | | | | | | | |
| G | 176:1-n | INDICATEUR DESTINATION | | | | | | | | | | | |
| | 193 | DÉTECTION INCENDIE AUX PALIERS | | | | | | | | | | | |
| | 195 | INTERPHONE POMPIER | | | | | | | | | | | |
| | 197 | CARTE D'ÉTAGE LCEFCB | | | | | | | | | | | |
| | 198 | CARTE D'ÉTAGE LCEFOB | | | | | | | | | | | |
| | 199 | LCEDIS120 CARTE | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | F | Pos. 101, 176, 732:1 added | 08/06 | A.Zotti | | Designed by | J.Kantola | Checked by | A.Jokivalli | Language | fr | | |
| | G | Pos.for Seb-Mod added | 10/08 | M.Ma | | Dept. | ECC | Date | 05.06.2002 | Approved by | P.Huotari | Product code | LCE |
| | Issue | | Change description | | Date | Des. by | Appr. by | | | | | | |
| KONE Elevators | | | | | | | LISTE DES NUMÉROS DE POSITION | | | | | | |
|  | | | | | | | Sales ref. no. | | Drawing no. | | Issue | Page | |
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| 204, 209 | CONTACTEUR DU FREINAGE DYNAMIQUE | 729 | SUPERVISORY BOARD FOR SHAFT ACCESS MONITOR | | |
| 211 | PORTES CONTACTEUR | 731 | CARTE RÉPARTITEUR LCEGTW | | |
| 219 | VENTILATEUR MOTEURCONTACTEUR | 732 | CARTE-CAN LCECAN | | |
| 220:1-2 | INTERRUPTEUR PRINCIPAL | 732:1 | CARTE RÉSEAU | | |
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| 221, 223 | CONTACTEUR PRINCIPAL | 806, 806:1 | CARTE CONTRÔLEUR CABINE LCECCB | | |
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| 227 | BATTERIE DE SECOURS | 985 | COMPTEUR TEMPS D'UTILISATION | | |
| 228 | CARTE RENVOI ALARME LCERAL | K1, K2, K3, K4 | CONTACTEUR PRINCIPAL AUX. | | |
| 231 | CONTACT THERMIQUE | K443 | CONTACTEUR ZONE DE PORTE | | |
| 232 | ALIMENTATION SUPERVISION | K486 | CONTACTEUR MESURE DE VITESSE | | |
| 236 | RELAIS DE DÉFAUT À LA MASSE | K487 | CONTACTEUR DE SURVEILLANCE | | |
| 239, 242 | TRANSF. COURANT DE COMMANDE | K553 | RELAIS DE RENIVELAGE | | |
| 251, 253 | REDRESSEUR | EBD | MARCHE SUR BATTERIE DE SECOURS | | |
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| 265:U | MARCHE D'INSPECTION BOUTON MONTÉE | SEP | ARMOIRE CÂBLAGE GAINÉ | | |
| 265:N | MARCHE D'INSPECTION BOUTON DESCENTE | THD | MODULE DE FILTRE | | |
| 265:RB | MARCHE D'INSPECTION | | | | |
| 268 | RELAIS D'ÉCLAIRAGE | | | | |
| 269:L | ECLAIRAGE ARMOIRE DE COMMANDE | | | | |
| 269:L1 | ECLAIRAGE DE SECOURS | | | | |
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| 269:S | INTERRUPTEUR D'ÉCLAIRAGE | | | | |
| 269:T | TRANSFORMATEUR POUR ÉCLAIRAGE | | | | |
| 270 | INTER. MAN UVRE ÉLEC. DE RAPPEL | | | | |
| 270:U | MAN. DE RAPPEL BOUTON MONTÉE | | | | |
| 270:N | MAN. DE RAPPEL BOUTON DESCENTE | | | | |
| 270:RB | MAN. RAPPEL BOUTON AUTORISATION | | | | |
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| 279 | INDICATION DE ZONE DE PORTE | | | | |
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| 290:2 | FUSIBLE ÉCLAIRAGE GAINÉ | | | | |
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| 301 | INTERRUPTEUR D'ÉCLAIRAGE | | | | |
| 306 | RÉSISTANCE DE FREINAGE | | | | |
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| 367 | BOÎTE DE CONNEXION E/S | | | | |
| 370:1 | LCEHKM CIRCUIT IMPRIMÉ | | | | |
| 370:2 | LCEAMAX CIRCUIT IMPRIMÉ | | | | |
| 375 | CARTE MICRO LCECPU | | | | |
| 375:1 | LOPCB CIRCUIT IMPRIMÉ | | | | |
| 377 | DCBG CIRCUIT IMPRIMÉ | | | | |
| 379 | CARTE CIRCUIT SÉCURITÉ LCE230/LCEADO | /LCE48S | | | |
| 379 | ALIMENTATION DE SECOURS | | | | |
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| 383 | BERINGER CARTE INTERFACE | | | | |
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| 388 | UNITÉ DE CONTRÔLE DU FREIN | | | | |
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| | SCHEMA MODULE | | | | |
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| 423 | CONTACTEUR DE SURVEILLANCE | | | | |
| 442:S | CONTACTEUR MARCHE D'INSPECTION | | | | |
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| 476 | ARMOIRE DE COMMANDE | | | | |
| 523 | NORMAL TERMINAL STOPPING | | | | |
| 530 | MARCHE NORMAL | | | | |
| 543 | ZONE DE PORTE | | | | |
| 545 | MARCHE D'INSPECTION | | | | |
| 580 | VITESSE ÉLEVÉE DESCENTE/ET/OU | VITESSE ÉLEVÉE MONTÉE | | | |
| 582 | BORD SENSIBLE | | | | |
| 591 | COMMANDE DE PORTE | | | | |
| 598 | RELAIS DE SURVEILLANCE D'ÉCLAIRAGE | | | | |
| 717 | ALARM BELL BOARD LCEABB | | | | |
| 722 | CARTE D'EXTENSION LCEOPT | | | | |
| 723 | CARTE D'ALIMENTATION | | | | |

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|-------|--|----------------|------------|----------|
| G | Pos. 128, 717, 729 added 377, 379, 392, 395 added | 08/09 02/10 | JPa Tov | |
| F | Pos. 101, 176, 732:1 added | 08/06 | A.Zotti | |
| E | Pos. 7, 71:SC, 94:B added | 07/06 | JKa | |
| Issue | Change description | Date | Des. by | Appr. by |

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| Designed by | J.Kantola | Checked by | A.Jokivalli | Language | fr |
| Dept. | ECC | Date | 05.06.2002 | Approved by | P.Huotari |
| | | | | Product code | LCE |

KONE Elevators

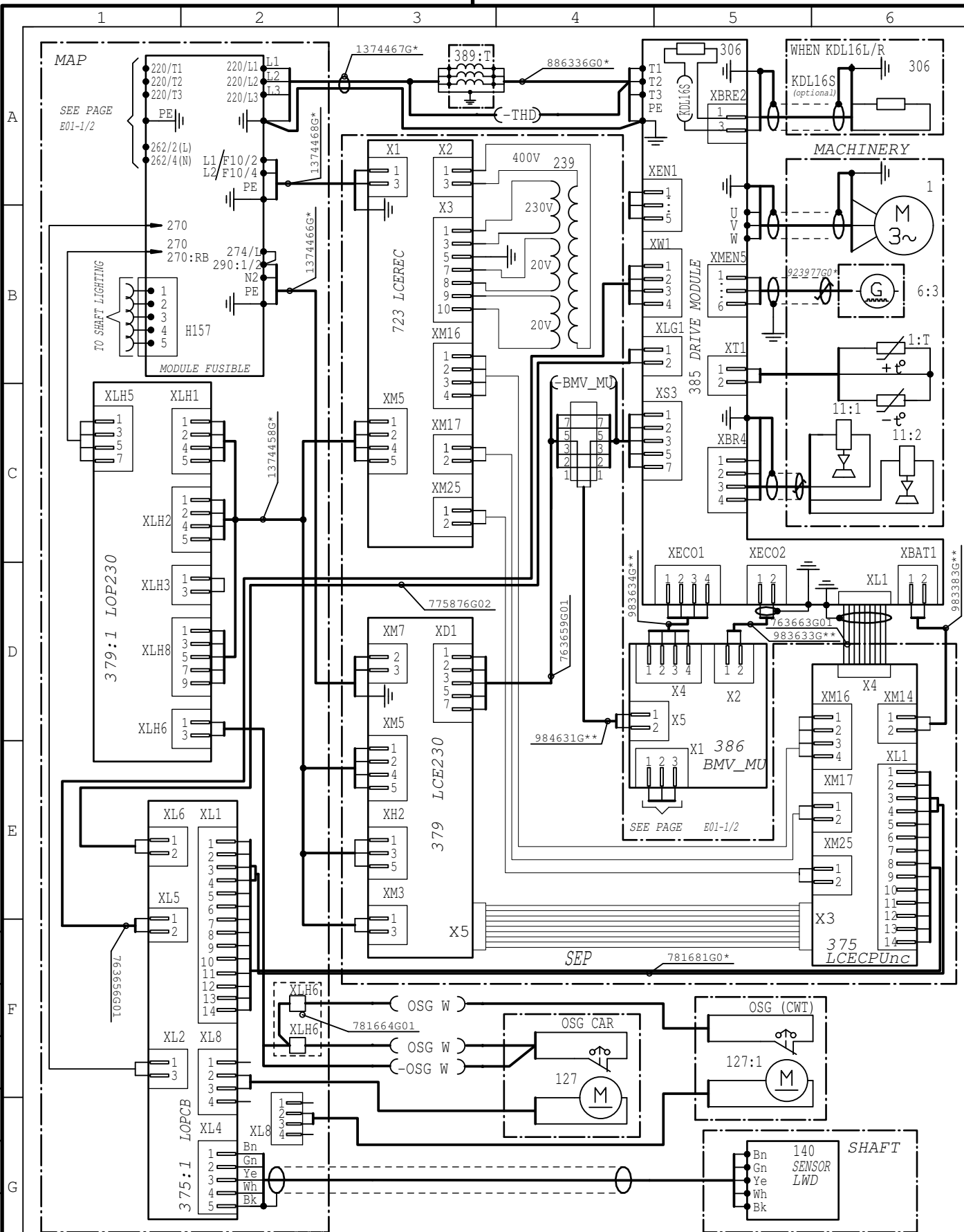


LISTE DES NUMÉROS DE POSITION

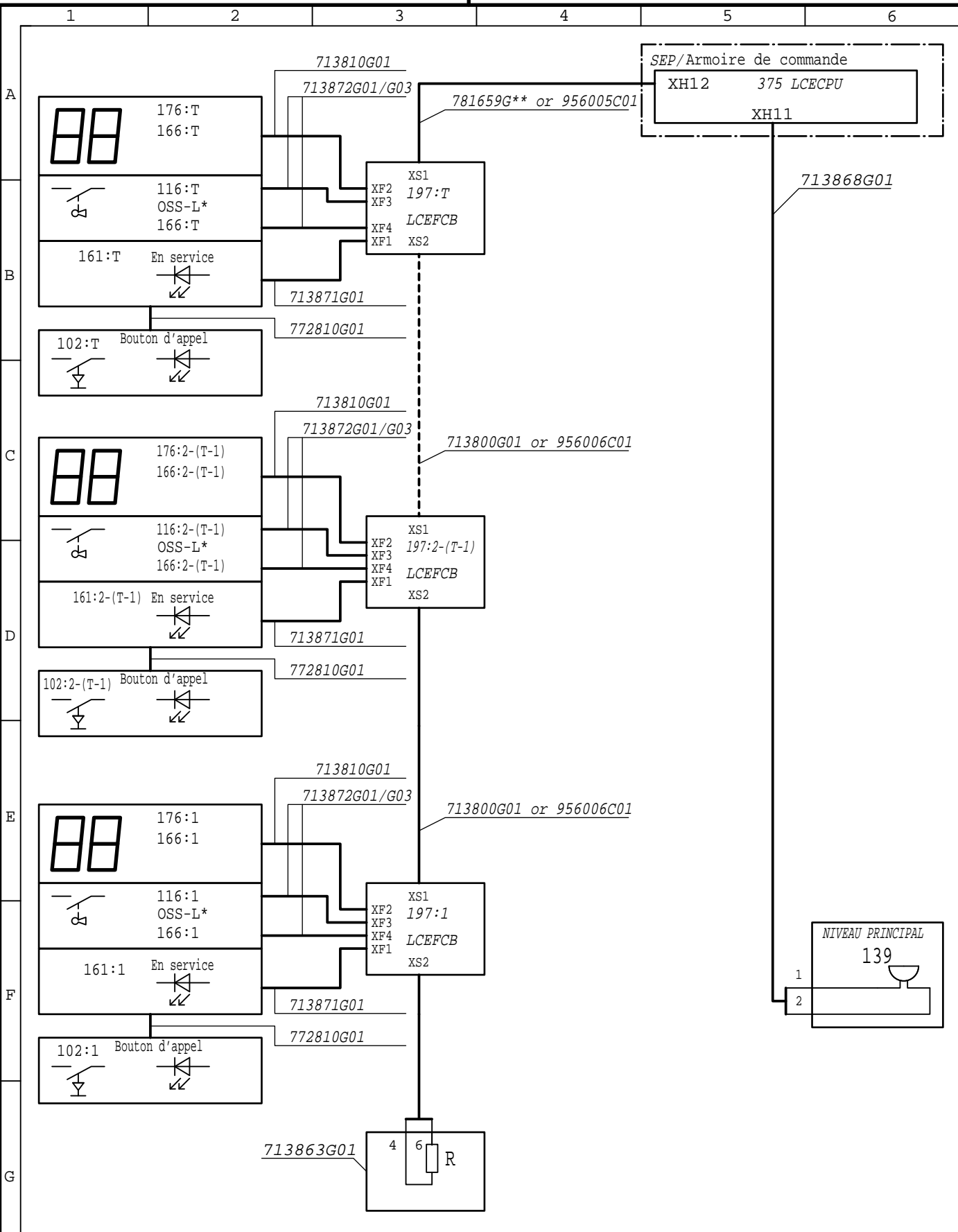
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| Sales ref. no. | Drawing no. | Issue | Page |
| - | 811850E00 | G | 3/3 |



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| Designed by Eero Riikonen / Jomine | | Checked by J.Kantola | | Language en | |
| Dept. HAT | | Date 2011-09-07 | | Approved by J.Helvilä | |
| | | | | Comp. fam. codes LCE | |
| Title ELECTRIFICATION | | | | | |
| POWER SUPPLY | | | | | |
| Sales ref. no. | | Drawing no. | | Issue | |
| | | 1374500E01 | | - | |
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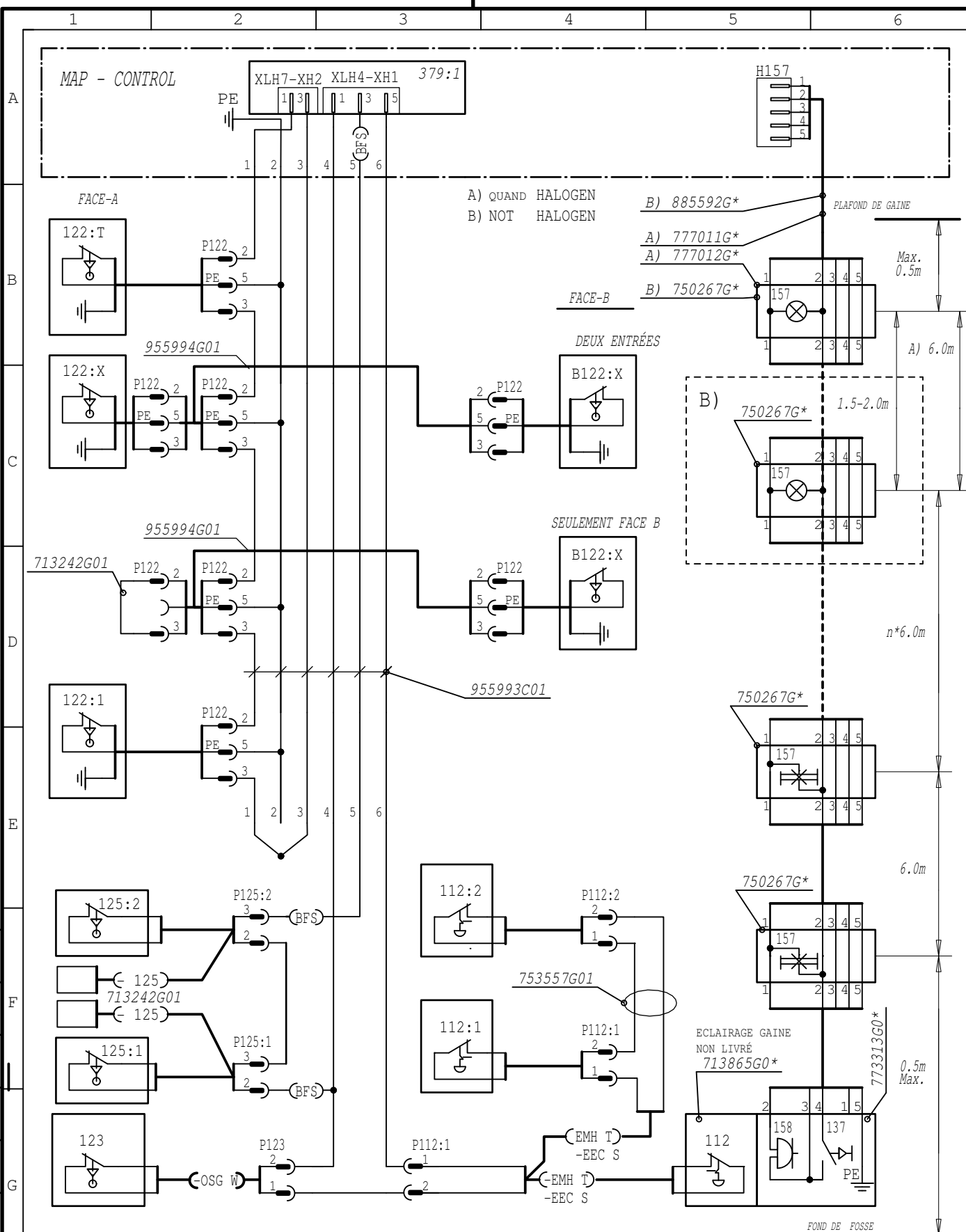
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| | | | | | Designed by E.Riikonen / Jomine | | Checked by J.Kantola | | Language en | | | | |
| A | 306 connection changed | 11.4.-12 | JKa | | Dept. HAT | | Date 2011-09-15 | | Approved by J.Helvilä | | Comp. fam. codes LCE | | |
| Issue | Change description | Date | Des. by | Appr. by | | | | | | | | | |
| <div><div>KONE</div><div>KONE Corporation</div></div> | | | | | Title | | | | | | | | |
| | | | | | ELECTRIFICATION KDL16 With ECB-1 | | | | | | | | |
| | | | | | MACHINERY, CONTROLLER AND MAP | | | | | | | | |
| | | | | | Sales ref. no. | | Drawing no. | | | Issue | | Page | |
| | | | | | | | 1374518E01 | | | A | | 2 / 2 | |



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|-------|-----------------|--------|-----|------|
| B | ADDED ...C01 | 3/4/08 | MMa | |
| A | Textual changes | 3/5/05 | KVa | |
| Issue | Change | Date | Des | Appr |

KONE

| | | | | | |
|---------------------|--|------------------------|--|--------------------------|--|
| Designer A.Zotti | | Checker P. Airaghi | | Language fr | |
| Dept. RES | | Date 13.09.2002 | | Approver A. Jokivalli | |
| | | | | Product c. LCE | |
| CÂBLAGE GAINÉ | | | | | |
| APPELS ET SIGNAUX | | | | | |
| Sales ref. no. - | | Draw. no. 812303E02 | | Issue B | |
| | | | | Page 1 / 3 | |



| | | | | |
|-------|-----------------------------------|---------|---------|------|
| A.2 | Alternative top shaft light added | 11/2012 | JKa | |
| A | BFS for BIGMONO | 03/2010 | kaikka5 | |
| Issue | Change | Date | Des | Appr |

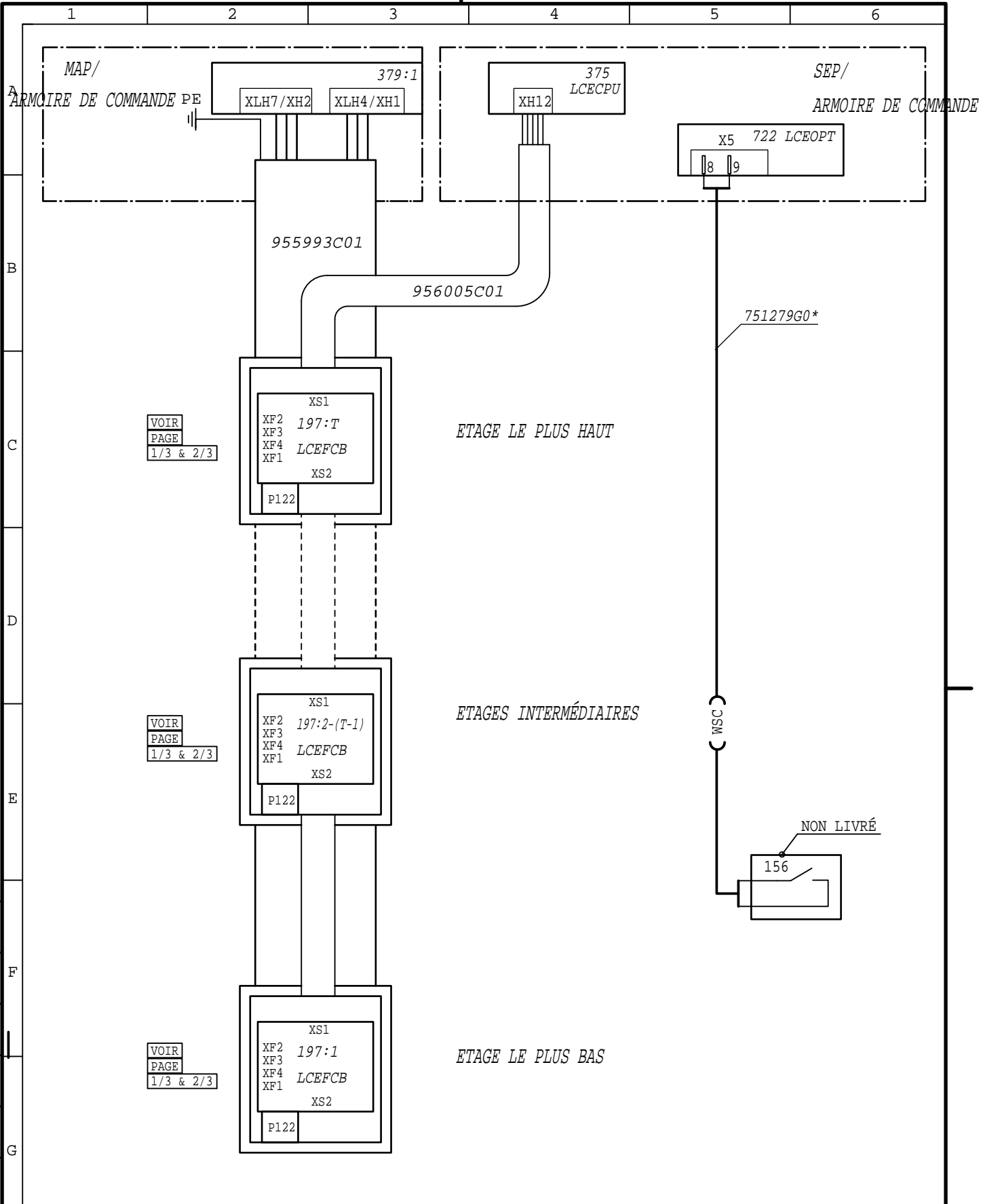
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|----------|-------------|---------|------------|------------|---------------|
| Designer | M. Manfredi | Checker | P. Airaghi | Language | fr |
| Dept. | RES | Date | 03.04.2008 | Approver | T. Niinivaara |
| | | | | Product c. | LCE |

CÂBLAGE GAINÉ

CIRCUIT DE SÉCURITÉ NGSE

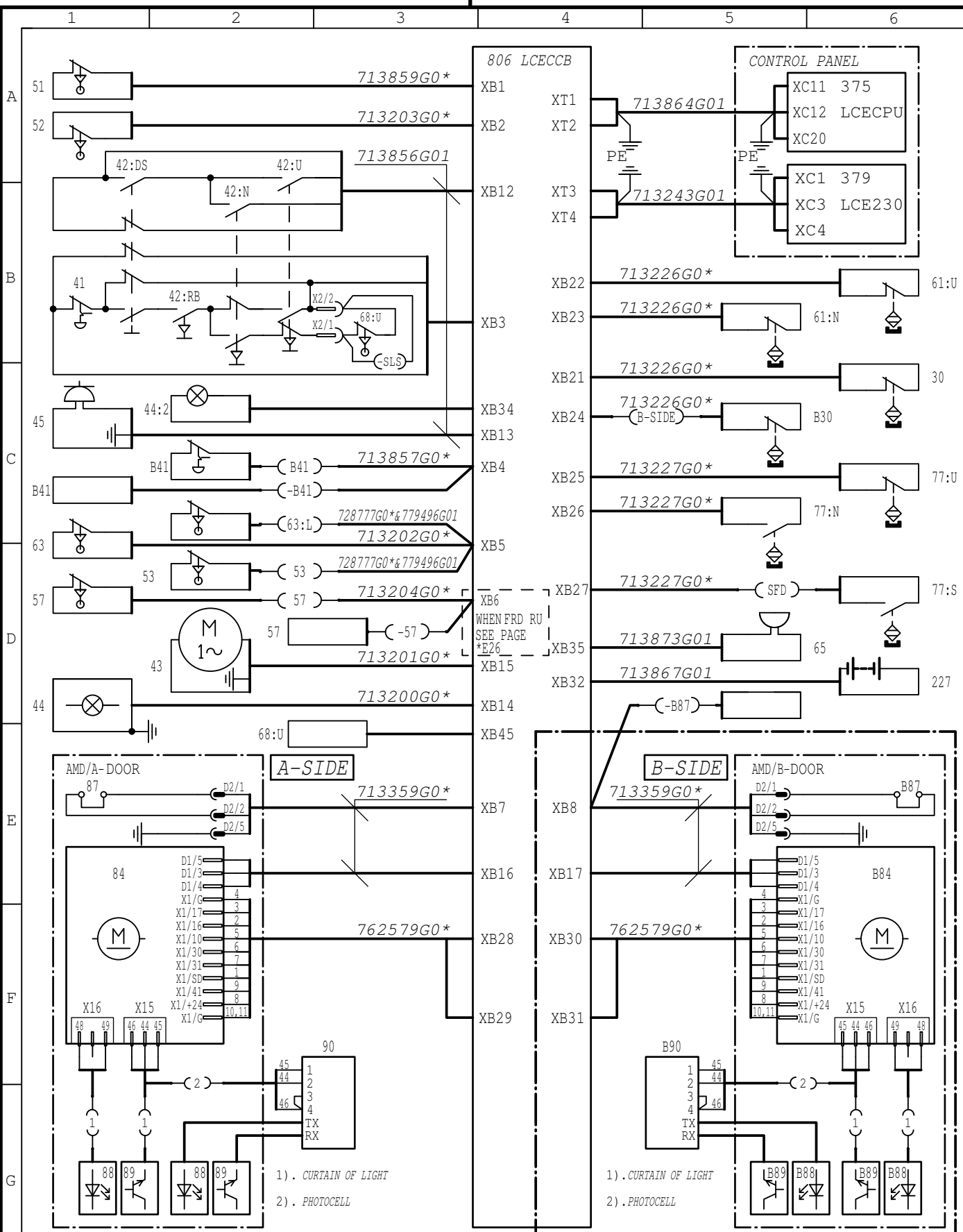
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KONE



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|-----------------|-------------------------------|---------|---------|------|--|-----------------------|---------------------------|-------------------|
| | | | | | Designer J.Kantola | Checker P. Airaghi | Language fr | |
| A | BFS for BIGMONO and added WSC | 03/2010 | kaimma5 | | Dept. PCM | Date 10.10.2008 | Approver T. Niinivaara | Product c. LCE |
| Issue | Change | Date | Des | Appr | | | | |
| <div>KONE</div> | | | | | CÂBLAGE GAINÉ | | | |
| | | | | | BRANCHEMENT DE LA COLONNE PALIÈRE NGSE | | | |
| | | | | | Sales ref. no. — | | Draw. no. 955992E02 | |



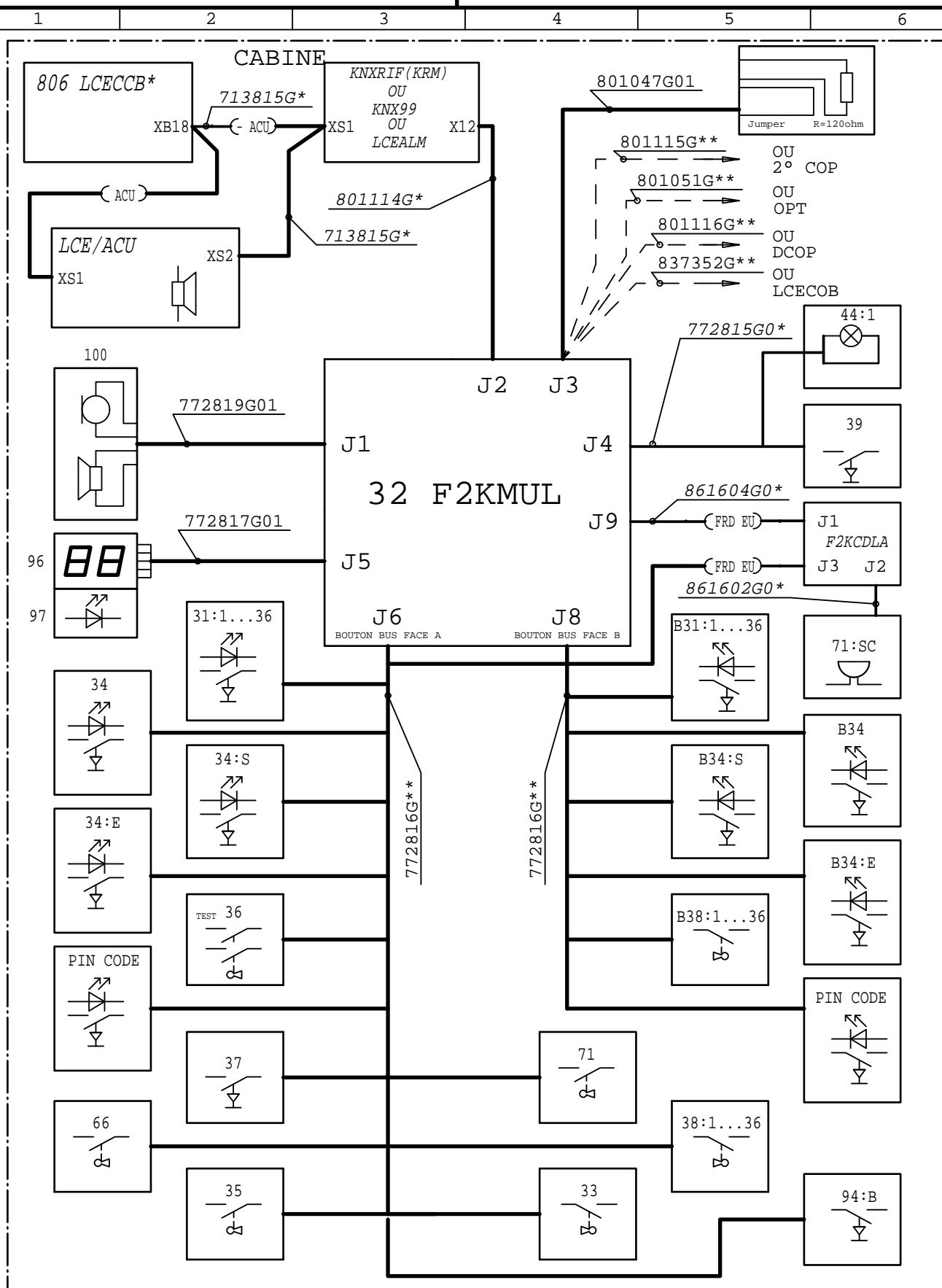


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|-------|------------------------|----------|------|------|
| B | XB45 added | 25/01/08 | JVa1 | |
| C | FRD_RU reference added | 18/04/18 | JKa | |
| Issue | Change | Date | Des | Appr |

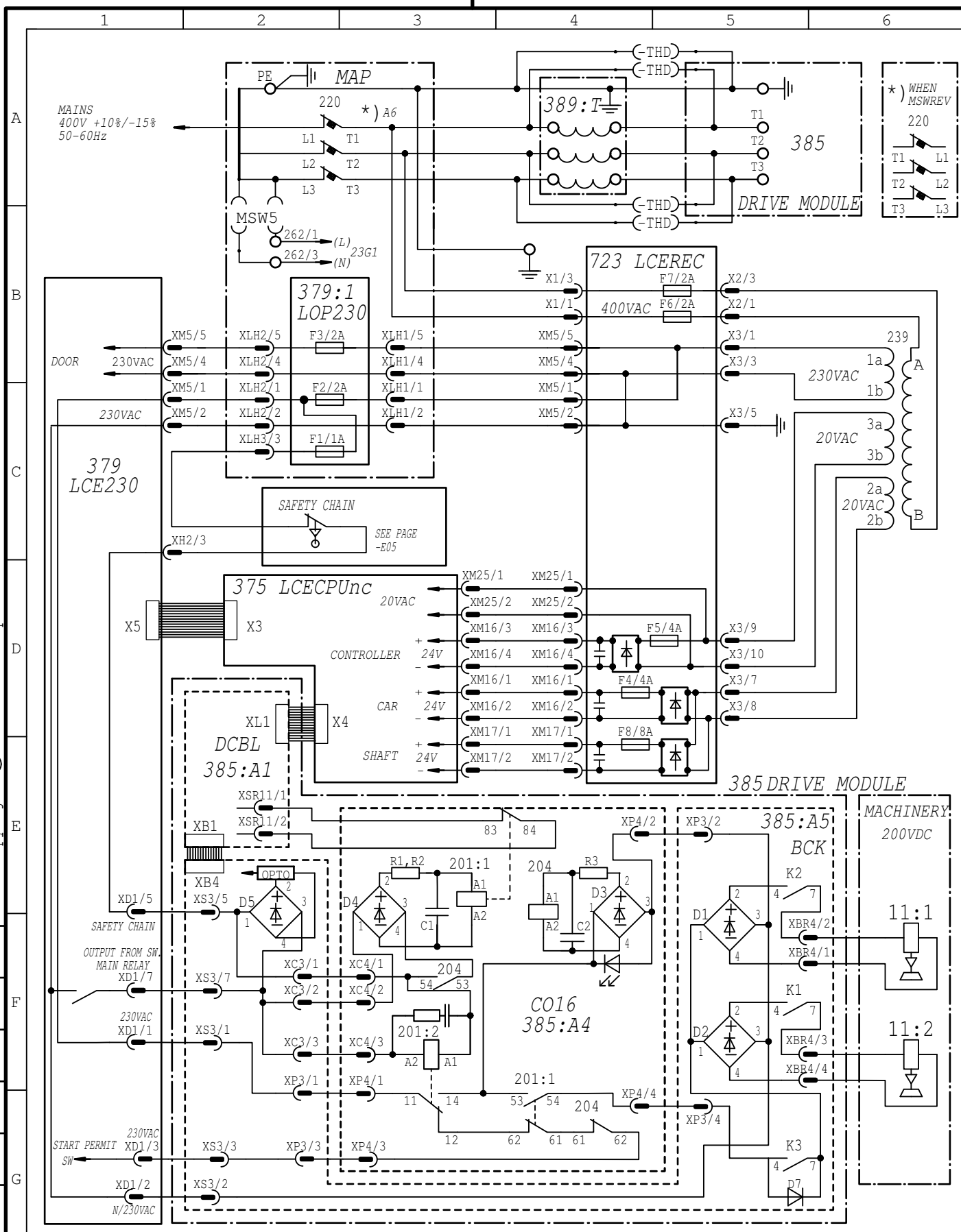
KONE Elevators



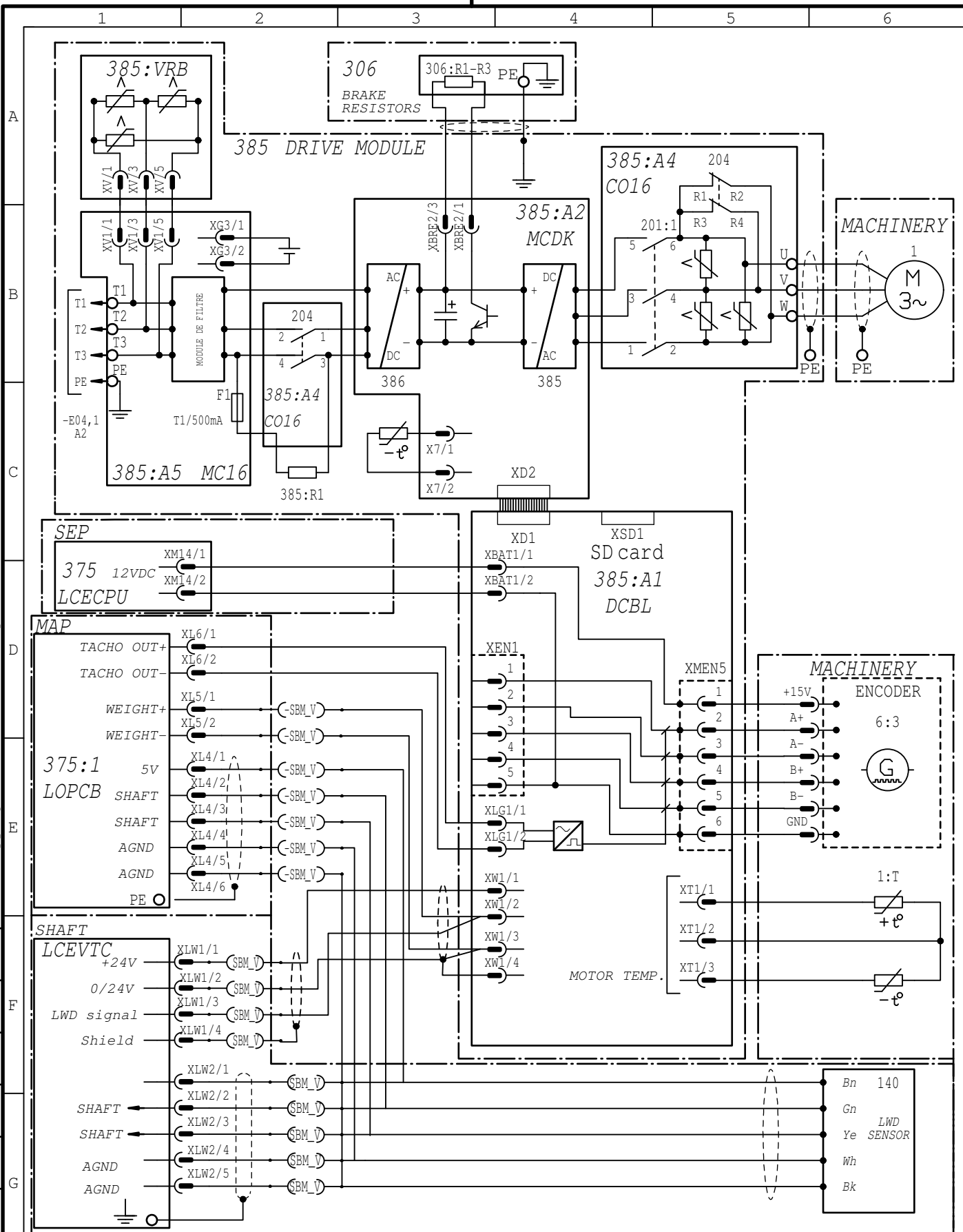
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|--------------------------|--------------------|------------------------|--|-------------------|-------------|
| Designer J.Kantola | | Checker A.Jokivalli | | Language en | |
| Dept. ECC | Date 26.07.2001 | Approver P.Huotari | | Product c. LCE | |
| CAR ROOF ELECTRIFICATION | | | | | |
| AMD DRIVE 1 | | | | | |
| Sales ref. no. — | | Draw. no. 802002E03 | | Issue C | Page 1/2 |



| | | | | | | | |
|---|-------------------------|-------|-----|------|-------------------------------|------------------------|-------------------|
| D | Pos. 71:SC & 94:B added | 02/06 | JKa | | Designer A. Zotti | Checker P. Airaghi | Language fr |
| C | Pos. 36 added | 15/04 | JKa | | Dept. RES | Date 30.07.2002 | Product c. LCE |
| Issue | Change | Date | Des | Appr | Approver A. Jokivalli | | |
| <div style="text-align: center; font-size: 2em; font-weight: bold; letter-spacing: 0.5em;">KONE</div> | | | | | CÂBLAGE | | |
| | | | | | TABLEAU DE COMMANDE DE CABINE | | |
| | | | | | Sales ref. no. - | Draw. no. 812300E03 | Issue D |
| | | | | | | Page 2 | |



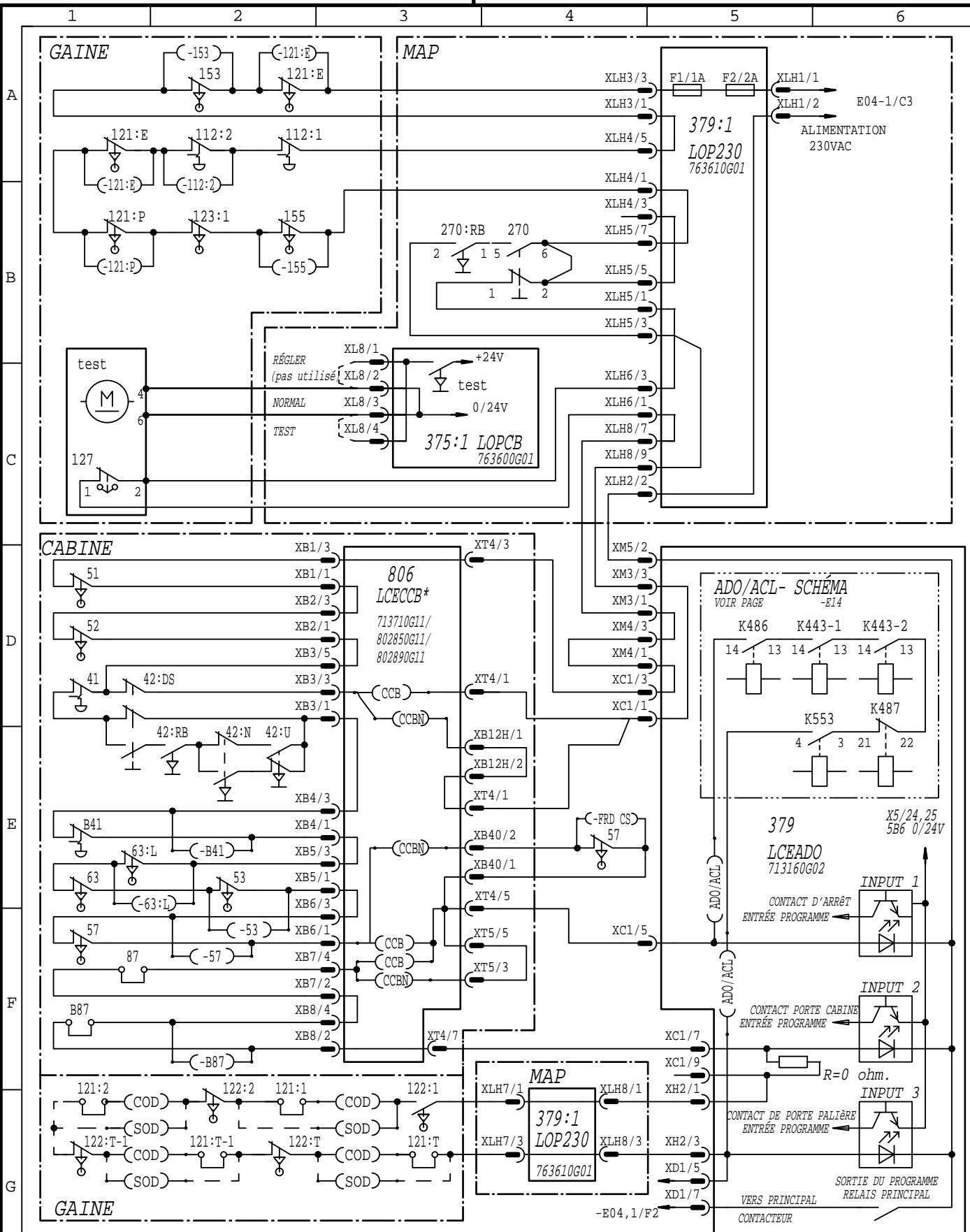
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| C | 262/1 added | 15/2010 | Jka | | Designed by ETTEPLAN/ J. Tuomi | | Checked by M. Pandini | | Language en | | | |
| D | MSWREV comment added on p.1/2 | 15/2012 | JKa | | Dept. HAT | Date 2009-01-07 | Approved by T. Niinivaara | | Comp. fam. codes LCE | | | |
| Issue | Change description | Date | Des. by | Appr. by | Title | | | | | | | |
| <div><div>KONE</div><div>KONE Corporation</div></div> | | | | | DRIVE MODULE | | | | | | | |
| | | | | | KDL16 | | | | | | | |
| | | | | | Sales ref. no. | | Drawing no. | | Issue | | Page | |
| | | | | | | | 979101E04 | | D | | 1 / 2 | |



| | | | | |
|-------|--------------------------------|---------|---------|----------|
| C | 262/1 added on page 1 | 15/2010 | Jka | |
| D | VTC selection changed on p.1/2 | 15/2012 | JKa | |
| Issue | Change description | Date | Des. by | Appr. by |

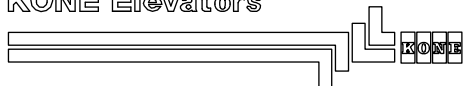
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|-------------|-----------------------|------------|------------|-------------|---------------|
| Designed by | Etteplan/J. Tuomi | Checked by | M. Pandini | Language | en |
| Dept. | HAT | Date | 2009-01-07 | Approved by | T. Niinivaara |
| Title | Drive module no ECB-1 | | | | |

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|----------------|-------------|-------|-------|
| Sales ref. no. | Drawing no. | Issue | Page |
| | 979101E04 | D | 2 / 2 |



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|-------|---------------------------|----------|-----|------|
| B | LCECCBN* connection added | 15/04/05 | JKa | |
| A | SRS_C and LDC_C added | 20/12/02 | JKa | |
| Issue | Change | Date | Des | Appr |

KONE Elevators



| | | | | | |
|----------|-----------|---------|--------------|------------|------------|
| Designer | J.Kantola | Checker | A. Jokivalli | Language | fr |
| Dept. | ECC | Date | 17.05.2002 | Approver | P. Huotari |
| | | | | Product c. | LCE |

CIRCUIT DE SÉCURITÉ

| | | | |
|----------------|-----------|---|------|
| Sales ref. no. | Draw. no. | | Page |
| - | 811850E05 | B | 1 |

A

B

C

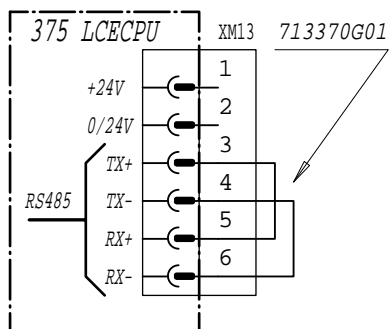
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E

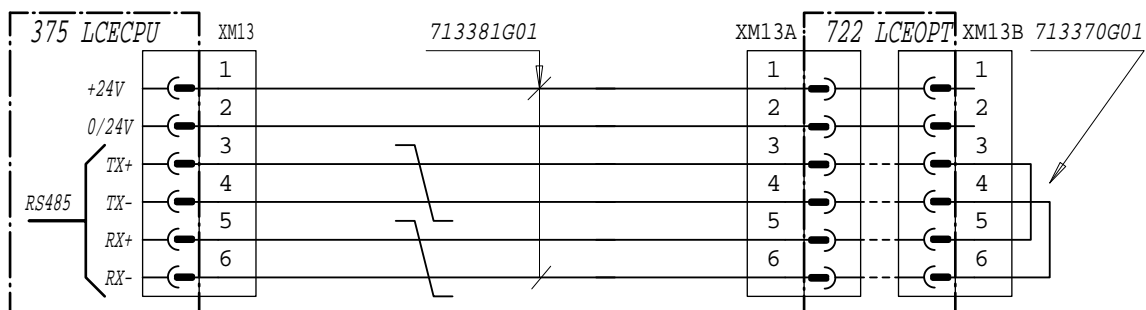
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G

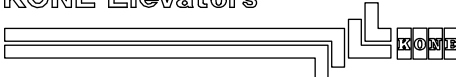
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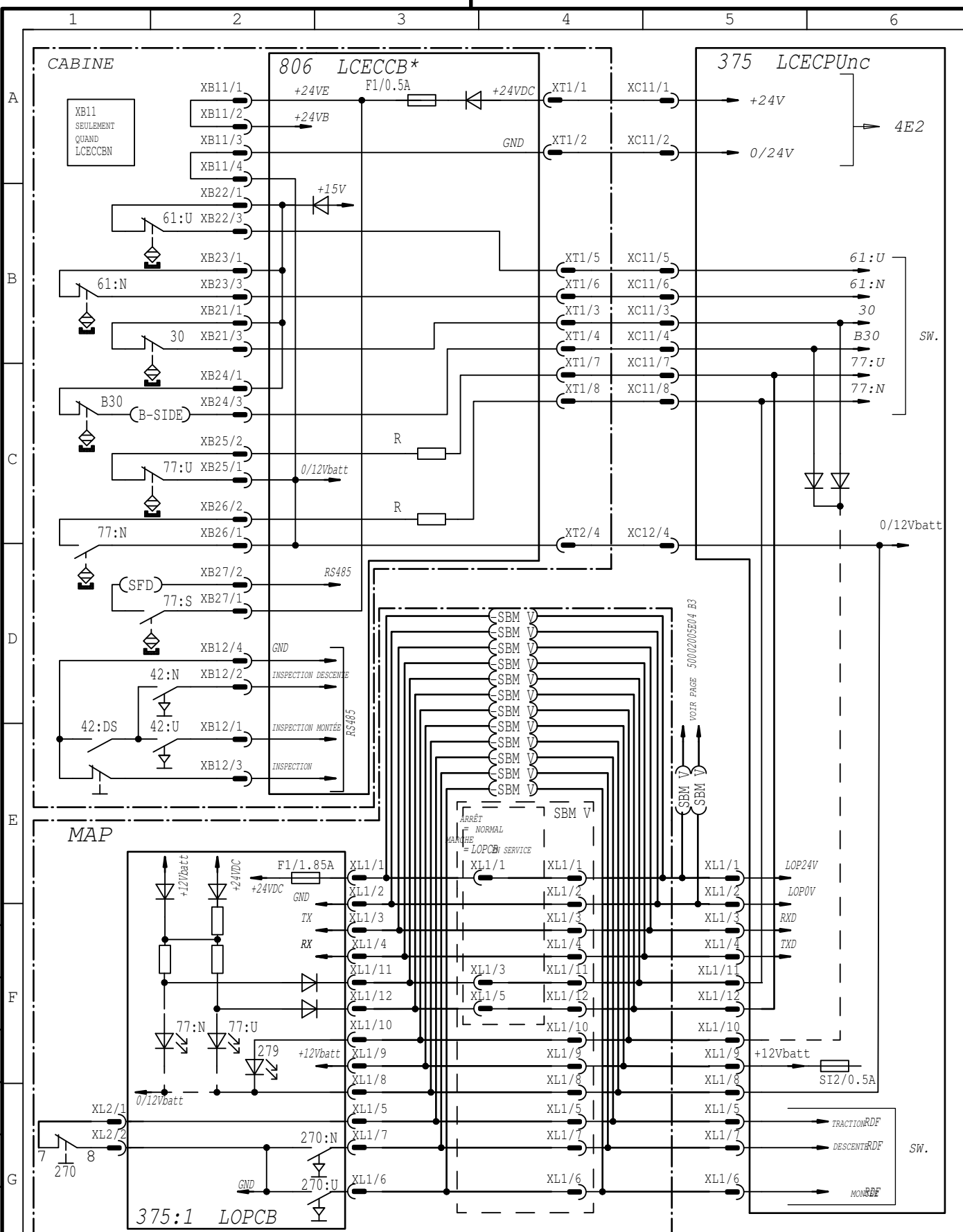


Simplex sans LCEOPT



Simplex avec LCEOPT

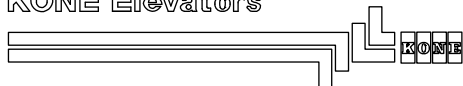
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| | | | | | Designed by T. SYRMAN | | Checked by HRCKVA | | Language fr | | | | | |
| | | | | | Dept. ECC | | Date 12.06.1998 | | Approved by HECATA | | Product code LCE | | | |
| Issue | Change description | | | Date | Des. by | Appr. by | | | | | | | | |
| <div>KONE Elevators</div> <div></div> | | | | | | | CARTE DE CâBLAGE OPTIONNELLE | | | | | | | |
| | | | | | | | SIMPLEX | | | | | | | |
| | | | | | | | Sales ref. no. - | | Drawing no. 713310E06 | | Issue - | | Page 1 | |
| | | | | | | | | | | | | | | |



| | | | | |
|-------|---------------|-------|-----|------|
| D | XL1 completed | 06/11 | MMA | |
| E | XL1 Changed | 19/11 | MMA | |
| Issue | Change | Date | Des | Appr |

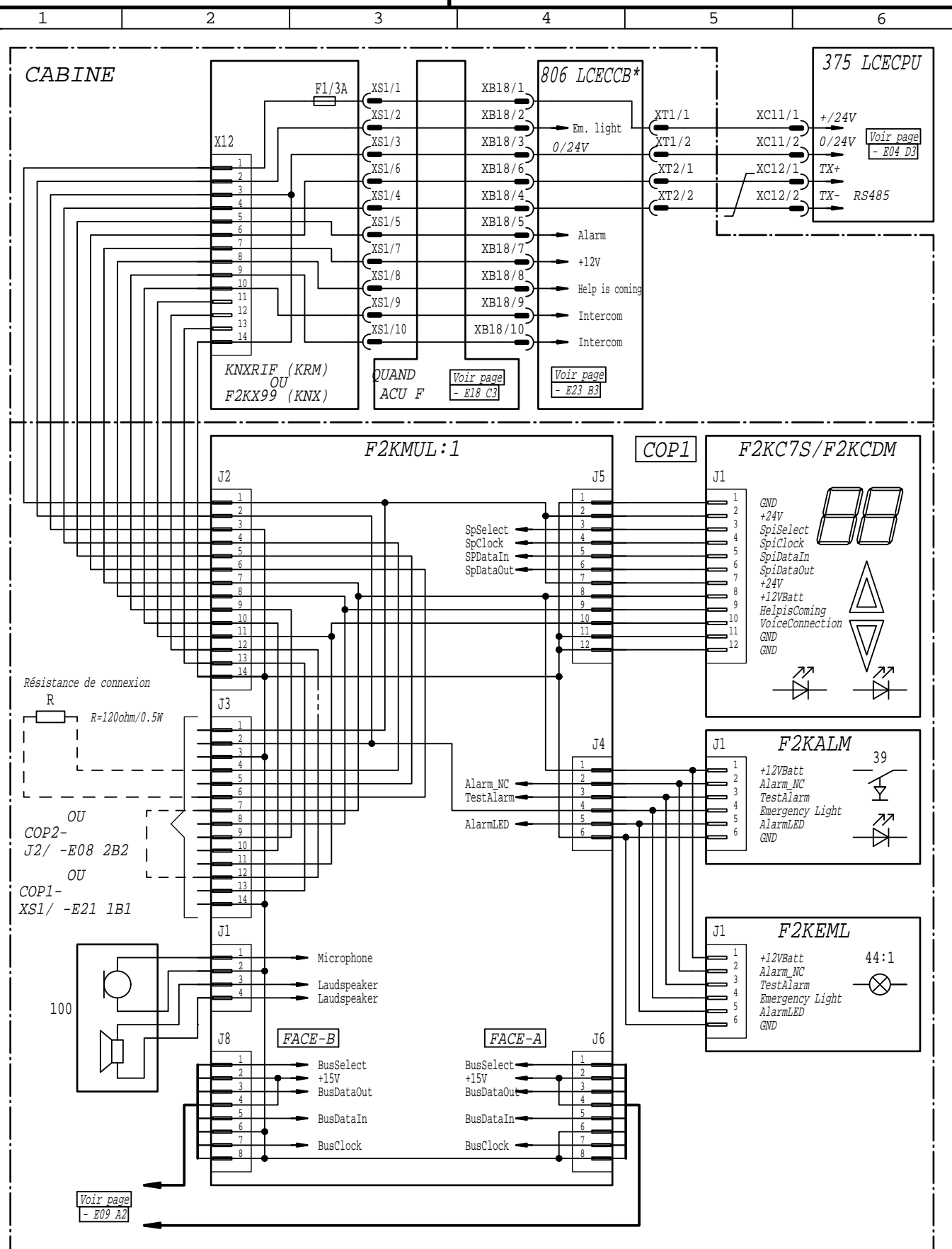
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| Designer | J. Kantola | Checker | A. Jokivalli | Language | fr |
| Dept. | ECC | Date | 17.05.2002 | Approver | P. Huotari |
| | | | | Product c. | LCE |

KONE Elevators



MODULE DE COMMANDE

| | | | |
|----------------|-----------|-------|------|
| Sales ref. no. | Draw. no. | Issue | Page |
| — | 811850E07 | E | 1 |



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|-------|----------------------------|-------|-----|------|
| C | ACU Reference added | 05/08 | JKa | |
| B | LCECOB/XS1 reference added | 05/06 | JKa | |
| Issue | Change | Date | Des | Appr |

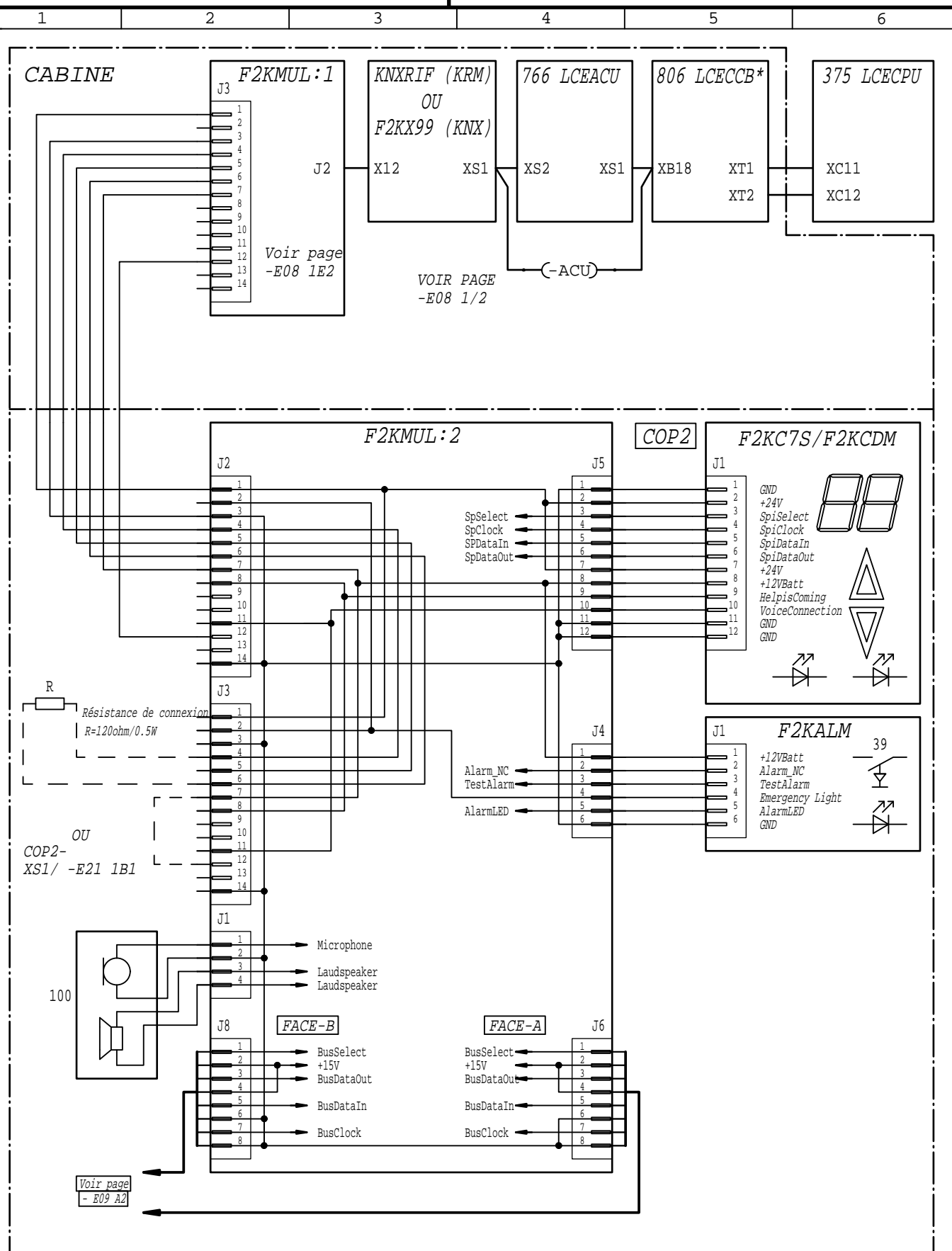
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|----------|------------|--------------|
| Designer | Checker | Language |
| A. Zotti | P. Airaghi | fr |
| Dept. | Date | Approver |
| RES | 30.07.2002 | A. Jokivalli |
| | | Product c. |
| | | LCE |

SIGNAUX EN CABINE

F2K/COP1

| | | | |
|----------------|-----------|-------|-------|
| Sales ref. no. | Draw. no. | Issue | Page |
| - | 812300E08 | C | 1 / 2 |

KONE



| | | | | |
|-------|----------------------------|-------|-----|------|
| C | ACU Reference added | 05/08 | JKa | |
| B | LCECOB/XS1 reference added | 05/06 | JKa | |
| Issue | Change | Date | Des | Appr |

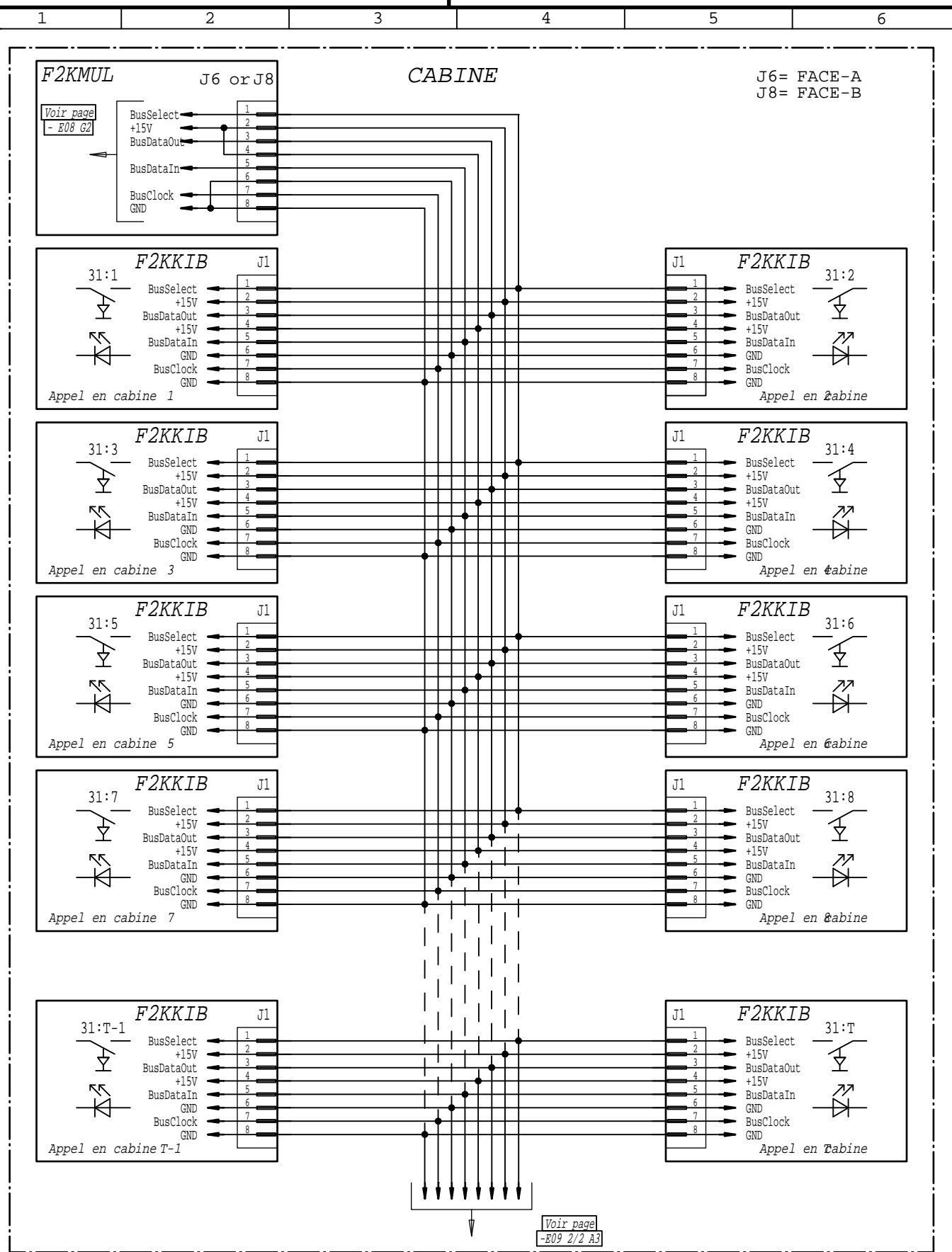
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|----------|------------|--------------|
| Designer | Checker | Language |
| A. Zotti | P. Airaghi | fr |
| Dept. | Date | Approver |
| RES | 30.07.2002 | A. Jokivalli |
| | | Product c. |
| | | LCE |

SIGNAUX EN CABINE

F2K/COP2

| | | | |
|----------------|-----------|-------|-------|
| Sales ref. no. | Draw. no. | Issue | Page |
| - | 812300E08 | C | 2 / 2 |

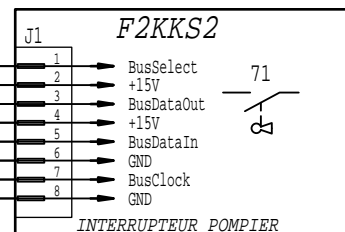
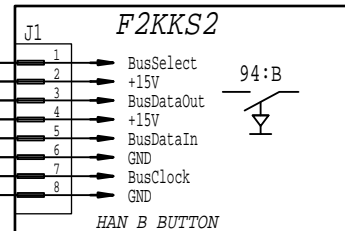
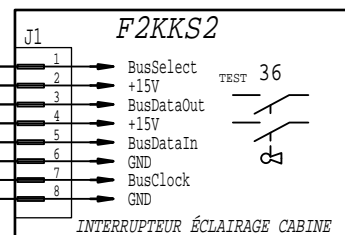
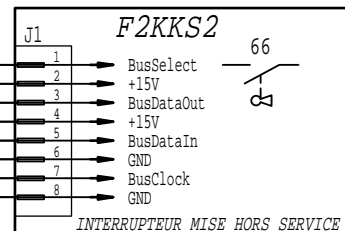
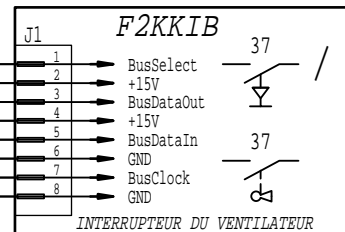
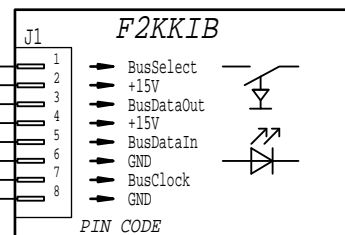
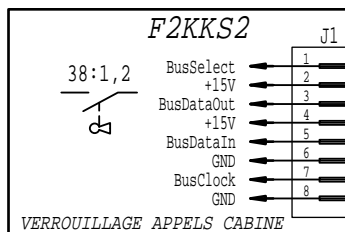
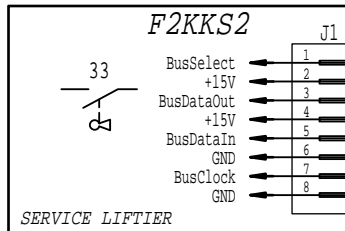
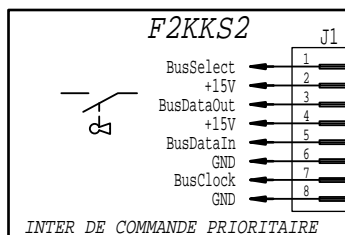
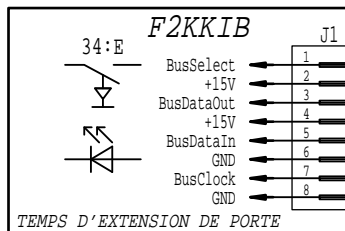
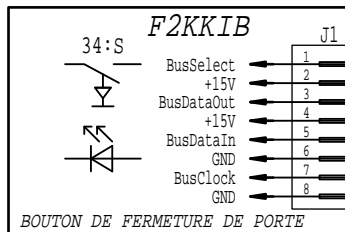
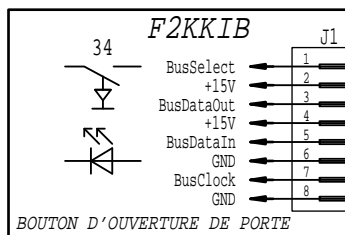
KONE



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|-------------------|--------|------|-----|----------------------|--------------------------|-------------------|
| | | | | Designer A. Zotti | Checker P. Airaghi | Language fr |
| A Pos. 94:B added | | | | Dept. RES | Date 30.07.2002 | Product c. LCE |
| Issue | Change | Date | Des | Appr | Approver A. Jokivalli | |
| | | | | SIGNAUX EN CABINE | | |
| | | | | F2K/COP1-2 | | |
| | | | | FACE-A FACE-B | | |
| | | | | Sales ref. no. - | Draw. no. 812300E09 | Issue A |
| | | | | Page 1 / 2 | | |

CABINE

Voir page
- E09 1/2 G3



| | | | | |
|-------|-----------------|-------|-----|------|
| | | | | |
| A | Pos. 94:B added | 02/06 | JKa | |
| Issue | Change | Date | Des | Appr |

| | | |
|----------|------------|--------------|
| Designer | Checker | Language |
| A. Zotti | P. Airaghi | fr |
| Dept. | Date | Approver |
| RES | 30.07.2002 | A. Jokivalli |
| | | Product c. |
| | | LCE |

SIGNAUX EN CABINE

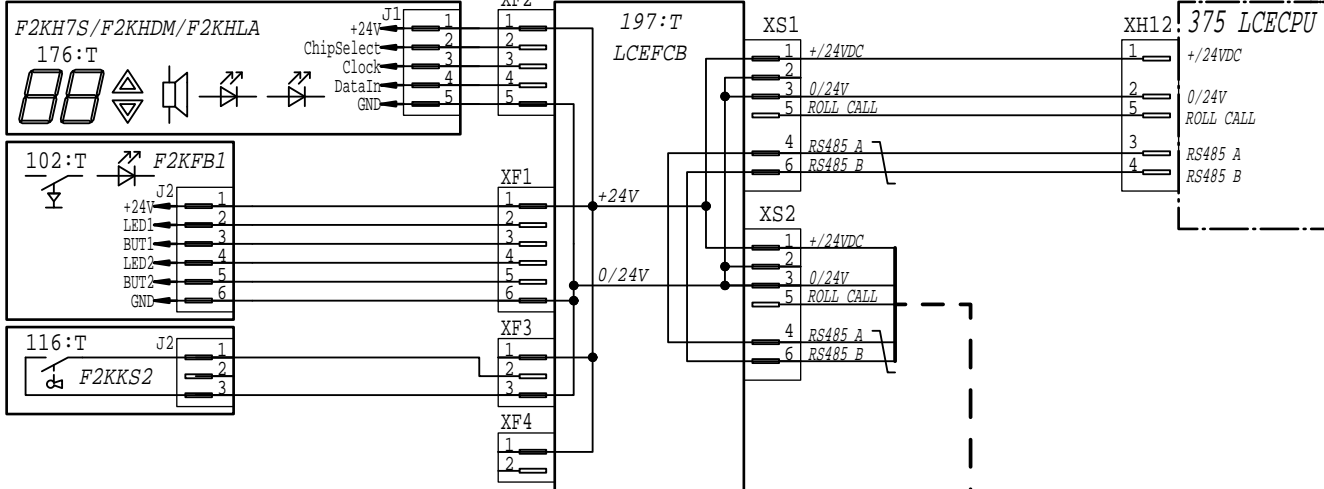
F2K/COP1-2

FACE-A
FACE-B

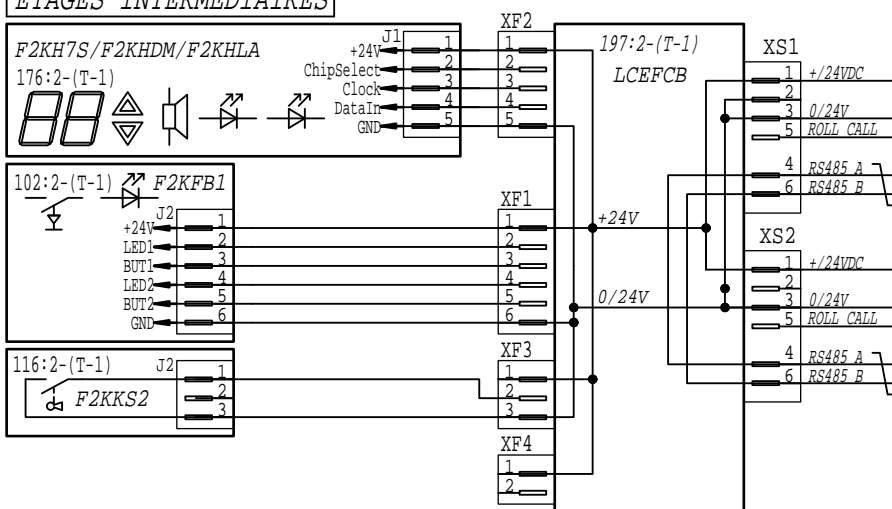
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| Sales ref. no. | Draw. no. | Issue | Page |
| - | 812300E09 | A | 2 / 2 |

KONE

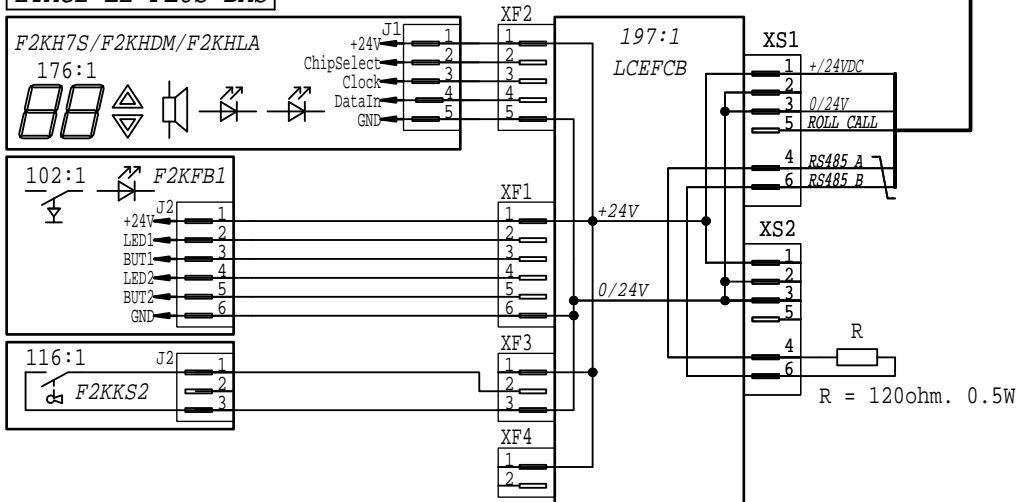
ETAGE LE PLUS HAUT



ETAGES INTERMÉDIAIRES



ETAGE LE PLUS BAS

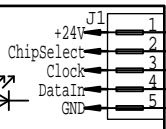


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| | | | | | Designer A.Zotti | | Checker P. Airaghi | Language fr | |
| | | | | | Dept. RES | Date 30.08.2002 | Approver A. Jokivalli | Product c. LCE | |
| Issue | | Date | Des | Appr | Title APPELS PALIER ET SIGNAUX | | | | |
| <div>KONE</div> | | | | | (DC/PB) F2K | | | | FACE-A |
| | | | | | Sales ref. no. — | | Draw. no. 812300E10 | | Issue — |

ETAGE LE PLUS HAUT

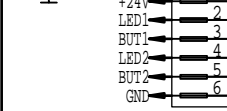
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176:T



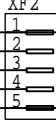
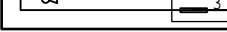
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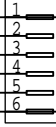


116:T

F2KKS2



XF1



XF3



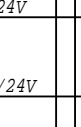
XF4



197:T
LCEFCB



XS1



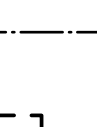
XS2



197:T
LCEFCB



XS1



XS2



XH12

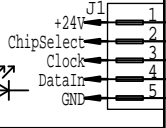
375 LCECPU



ETAGES INTERMÉDIAIRES

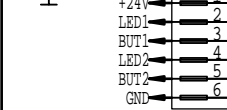
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176:2-(T-1)



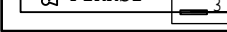
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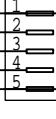


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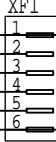
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XF2



XF1



XF3



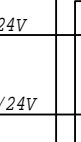
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197:2-(T-1)
LCEFCB



XS1



XS2



197:2-(T-1)
LCEFCB



XS1



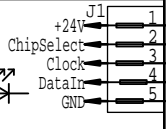
XS2



ETAGE LE PLUS BAS

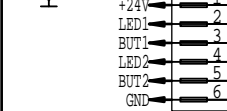
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176:1



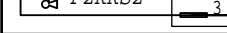
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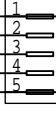


116:1

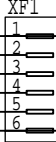
F2KKS2



XF2



XF1



XF3



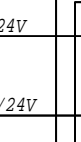
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197:1
LCEFCB



XS1



XS2



197:1
LCEFCB



XS1

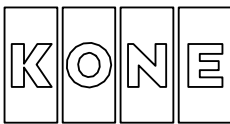


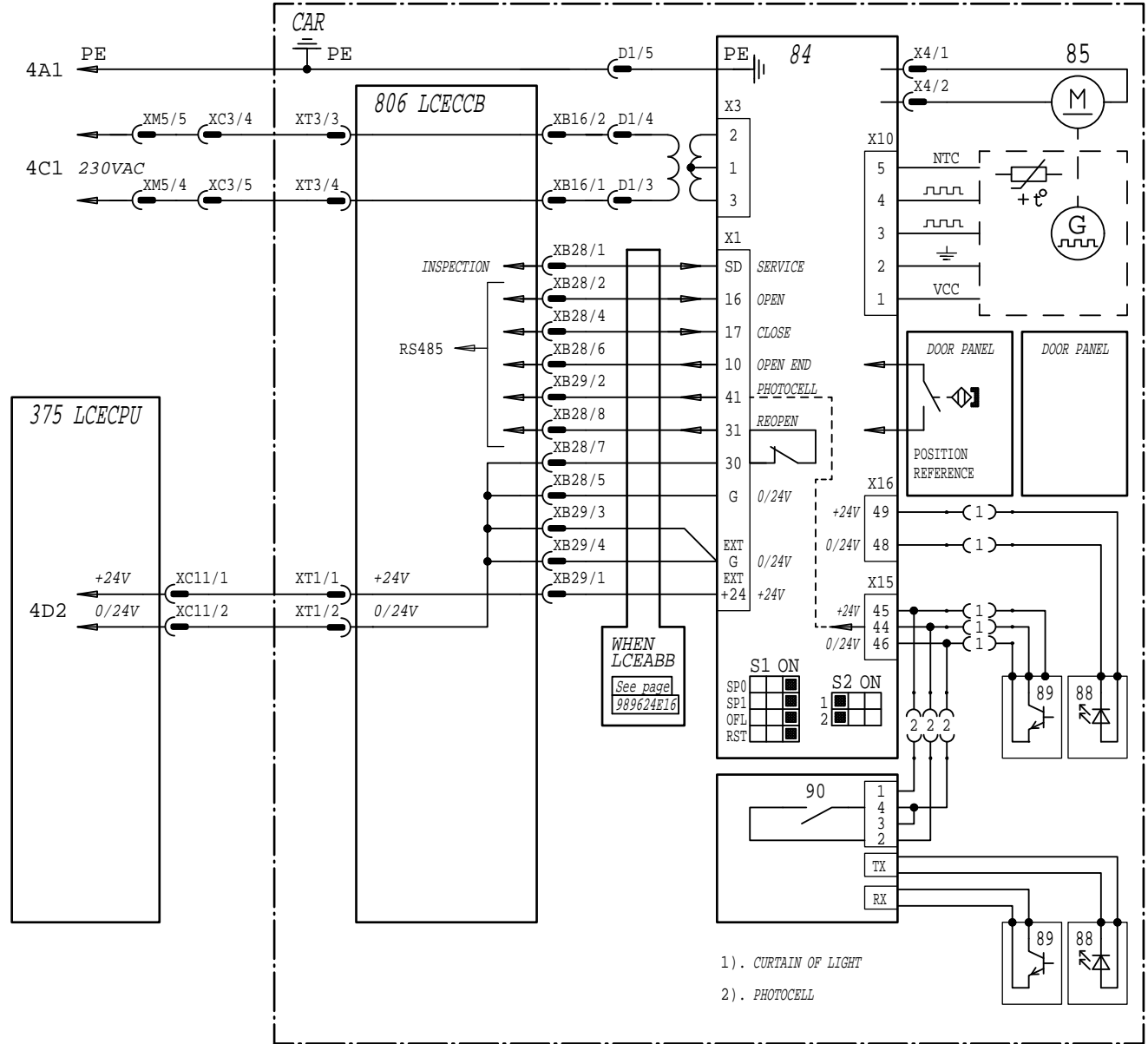
XS2



R = 120ohm. 0.5W

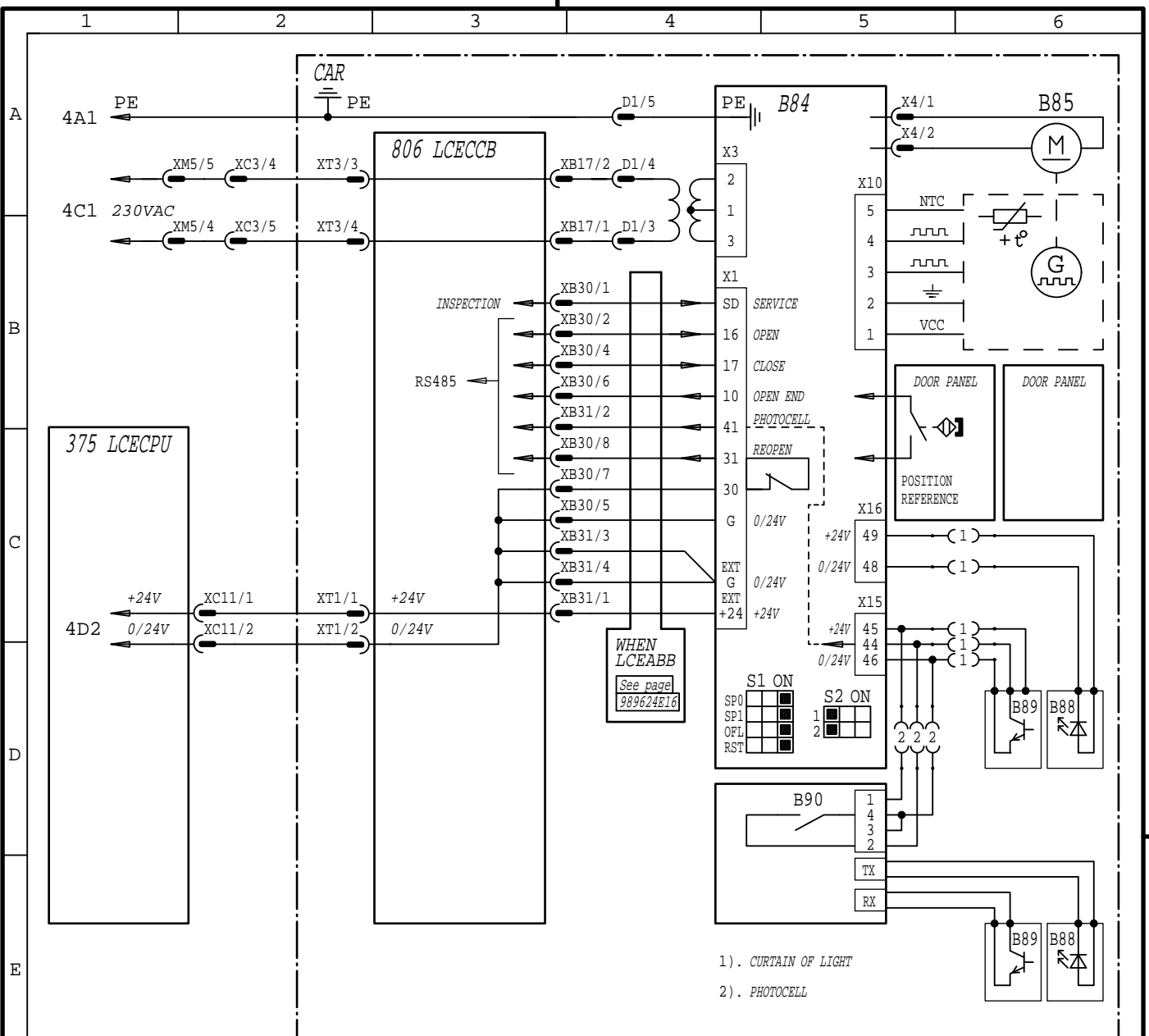
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| Designer A.Zotti | | Checker P. Airaghi | Language fr |
| Dept. RES | Date 30.08.2002 | Approver A. Jokivalli | Product c. LCE |
| Title APPELS PALIER ET SIGNAUX | | | |
| (DC/PB) F2K | | | FACE-B |
| Sales ref. no. - | Draw. no. 812304E10 | Issue - | Page 1 |



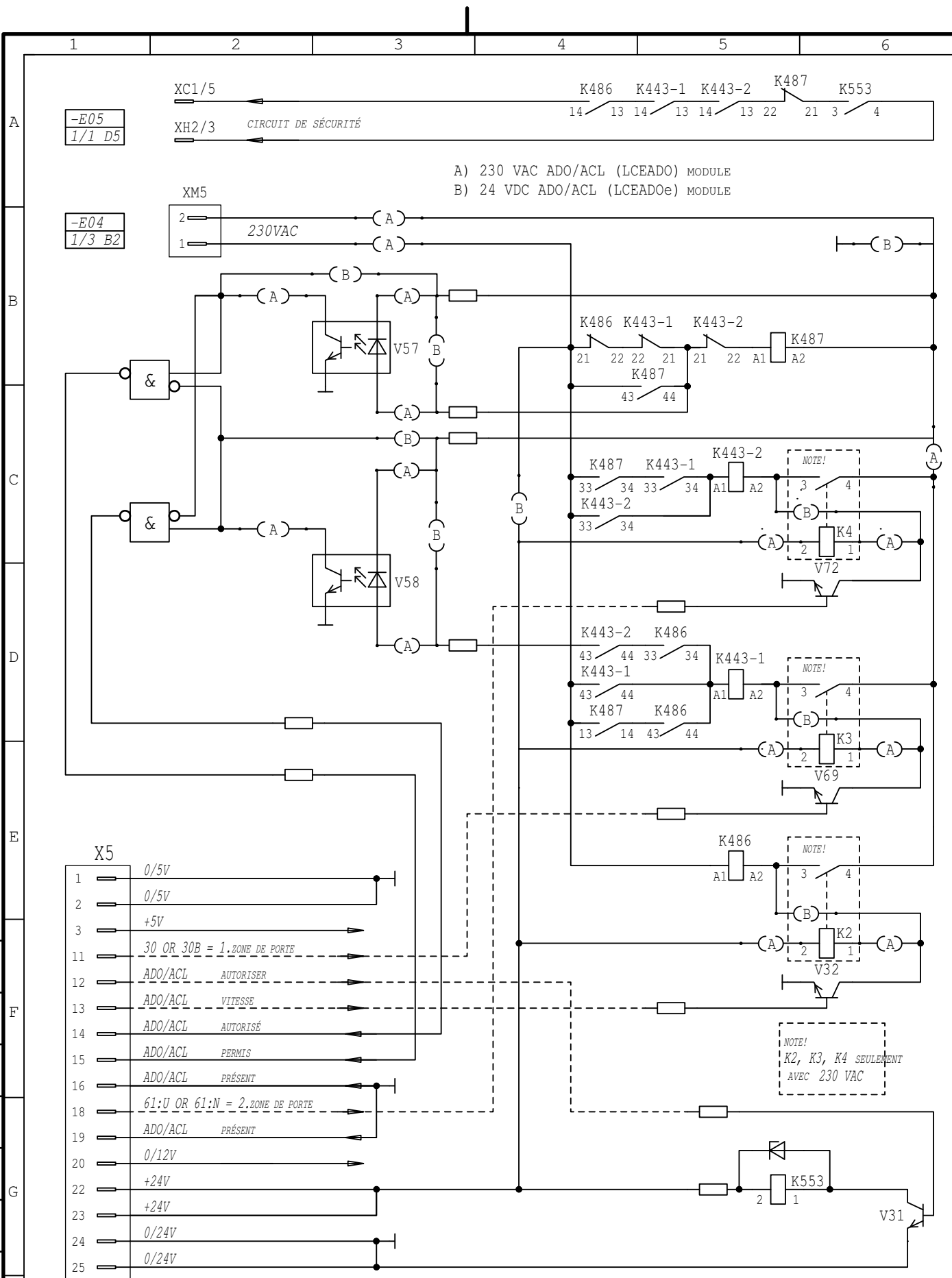



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|-----------------|------------------------|--|-------|-----|---------------------|---------------------|-----------------------|------------------------|--------------------------|------------|-------------------|-------------|--|
| | | | | | Designer A.Zotti | | Checker P. Airaghi | | Language en | | | | |
| A | LCEABB reference added | | 50/08 | JPa | | Dept. RES | Date 30.07.2002 | | Approver A. Jokivalli | | Product c. LCE | | |
| Issue | Change | | Date | Des | Appr | | | | | | | | |
| <div>KONE</div> | | | | | | DOOR MODULE | | | | | | | |
| | | | | | | AMD-A | | | | | | DRIVE 1/1.5 | |
| | | | | | | Sales ref. no. - | | Draw. no. 812302E11 | | Issue A | | Page 1 | |
| | | | | | | | | | | | | | |

KONE

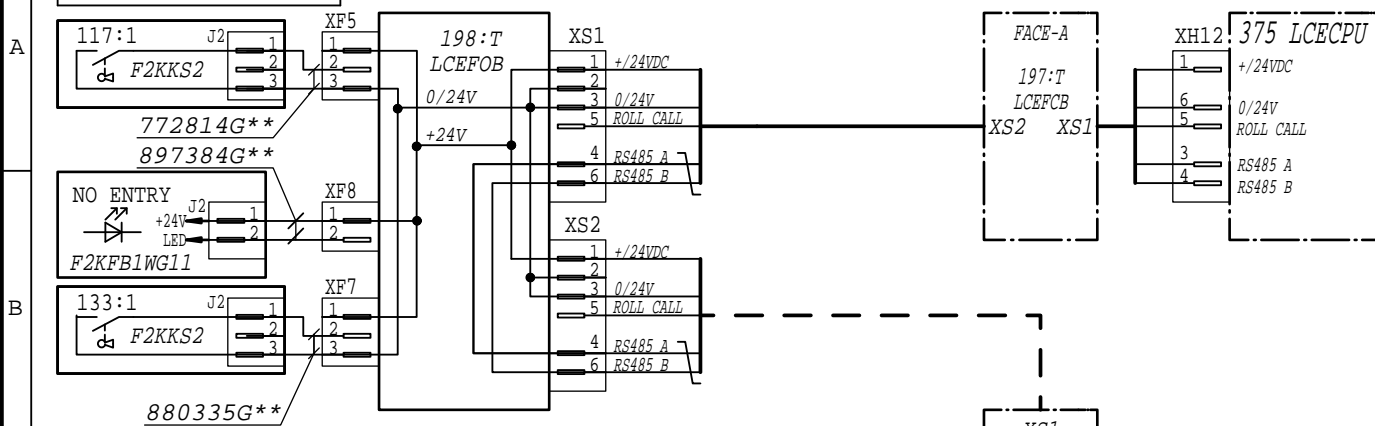


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| | | | | | Designer A.Zotti | | Checker P. Airaghi | Language en |
| A | LCEABB reference added | 50/08 | JPa | | Dept. RES | Date 30.07.2002 | Approver A. Jokivalli | Product c. LCE |
| Issue | Change | Date | Des | Appr | | | | |
| <div>KONE</div> | | | | | DOOR MODULE | | | |
| | | | | | AMD-B DRIVE 1/1.5 | | | |
| | | | | | Sales ref. no. — | | Draw. no. 812303E11 | |

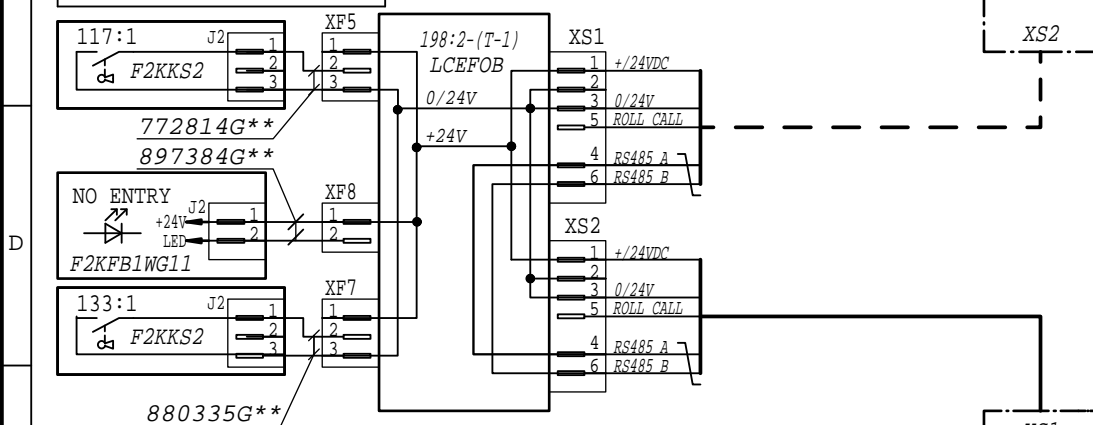


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|---|----------------------------|-------|---------|----------|--------------------------|--------------------------|-----------------------|---------------------|
| C | LCEAD0e added | 13/01 | JKa | | Designed by T. SYRMAN | | Checked by HRCKVA | Language fr |
| B | Remove V38-40, Added K2-K4 | 42/99 | TS | | Dept. ECC | Date 12.06.1998 | Approved by HECATA | Product code LCE |
| Issue | Change description | Date | Des. by | Appr. by | | | | |
| <div>KONE Elevators</div>  | | | | | ADO/ACL- SCHÉMA | | | |
| | | | | | | | | |
| | | | | | Sales ref. no. - | Drawing no. 713310E14 | Issue C | Page 1 |

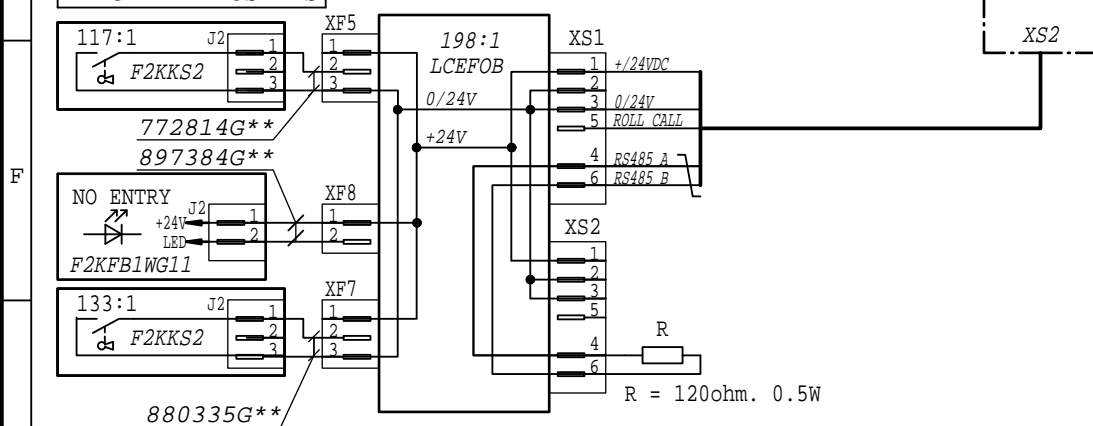
ETAGE LE PLUS HAUT



ETAGES INTERMÉDIAIRES



ETAGE LE PLUS BAS



117:1 LOL E LOCKING SWITCH
 133:1 FID S* AT SPECIFIED FLOOR
 198 713780G12

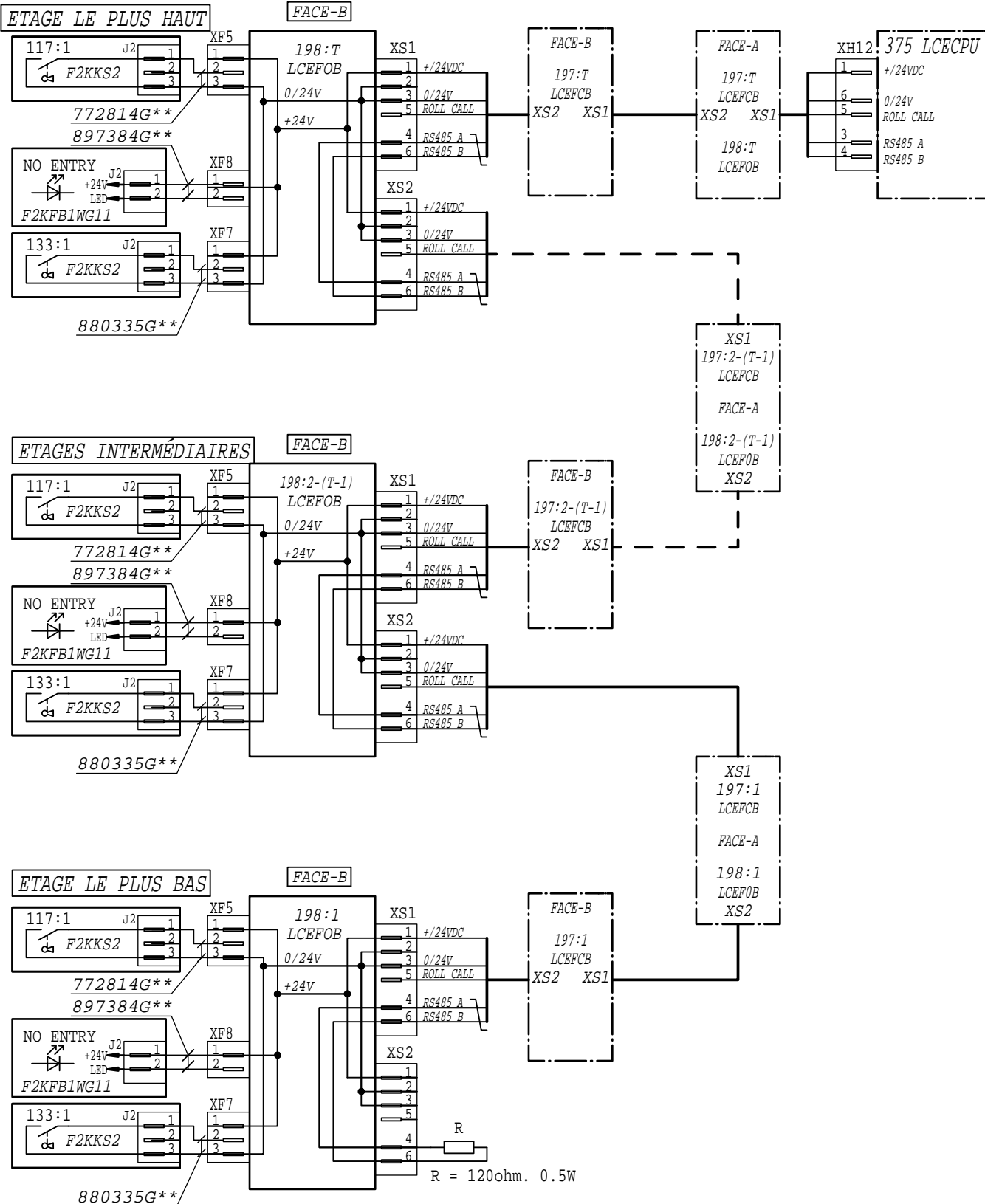
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|----------|----------|---------|------------|------------|--------------|
| Designer | A. Zotti | Checker | P. Airaghi | Language | fr |
| Dept. | RES | Date | 13.09.2002 | Approver | A. Jokivalli |
| Issue | | Date | | Product c. | LCE |

DISPOSITIFS ADDITIONNELS

(LOL-E)(FID SC or SO)(NO ENTRY)F2K FACE-A

| | | | |
|----------------|-----------|-------|------|
| Sales ref. no. | Draw. no. | Issue | Page |
| - | 812300E17 | A | 1 |

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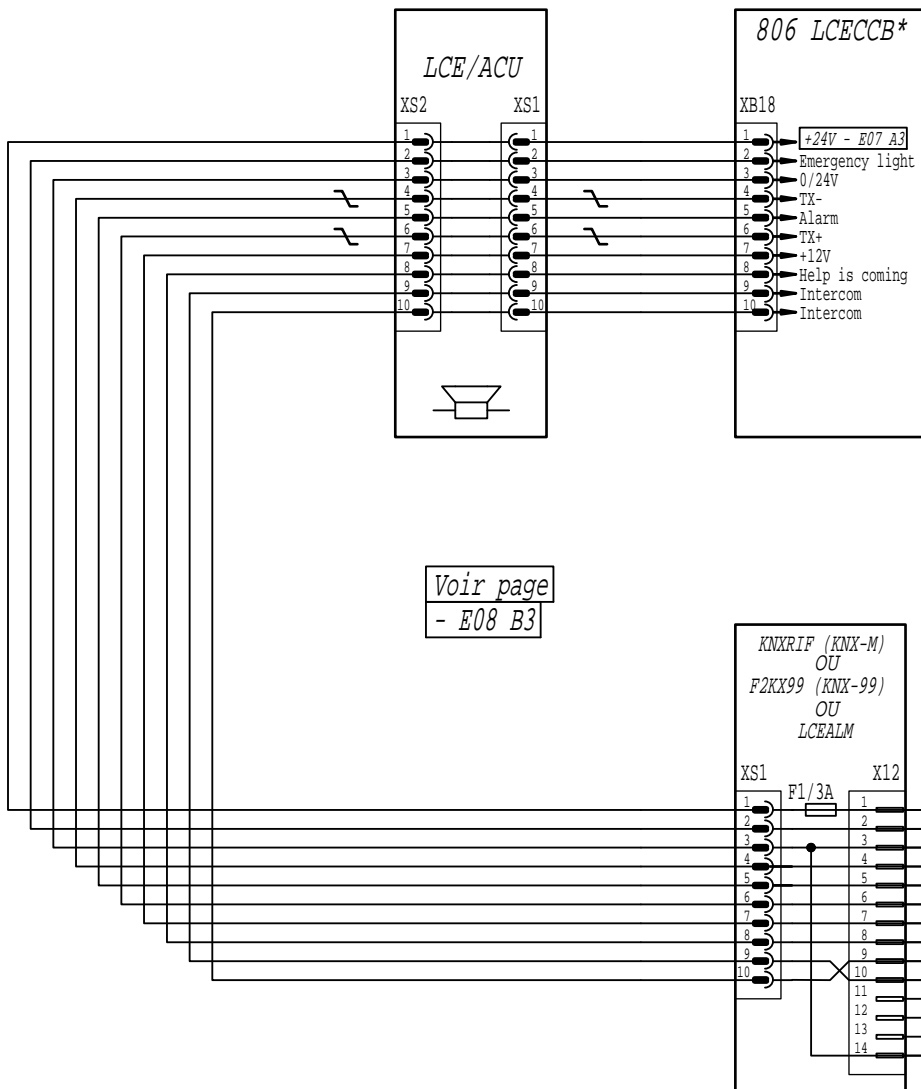


117:1 LOL E LOCKING SWITCH
 133:1 FID S* AT SPECIFIED FLOOR
 198 713780G12

| | | | | | |
|--|------------|--------------|--|------------|------|
| Designer | | Checker | | Language | |
| A. Zotti | | P. Airaghi | | fr | |
| Dept. | Date | Approver | | Product c. | |
| RES | 13.09.2002 | A. Jokivalli | | LCE | |
| DISPOSITIFS ADDITIONNELS | | | | | |
| (LOL-E) (FID SC or SO) (NO ENTRY) F2K FACE-B | | | | | |
| Sales ref. no. | | Draw. no. | | Issue | Page |
| - | | 812301E17 | | A | 1 |

KONE

TOIT DE CABINE



Voir page
- E08 B3

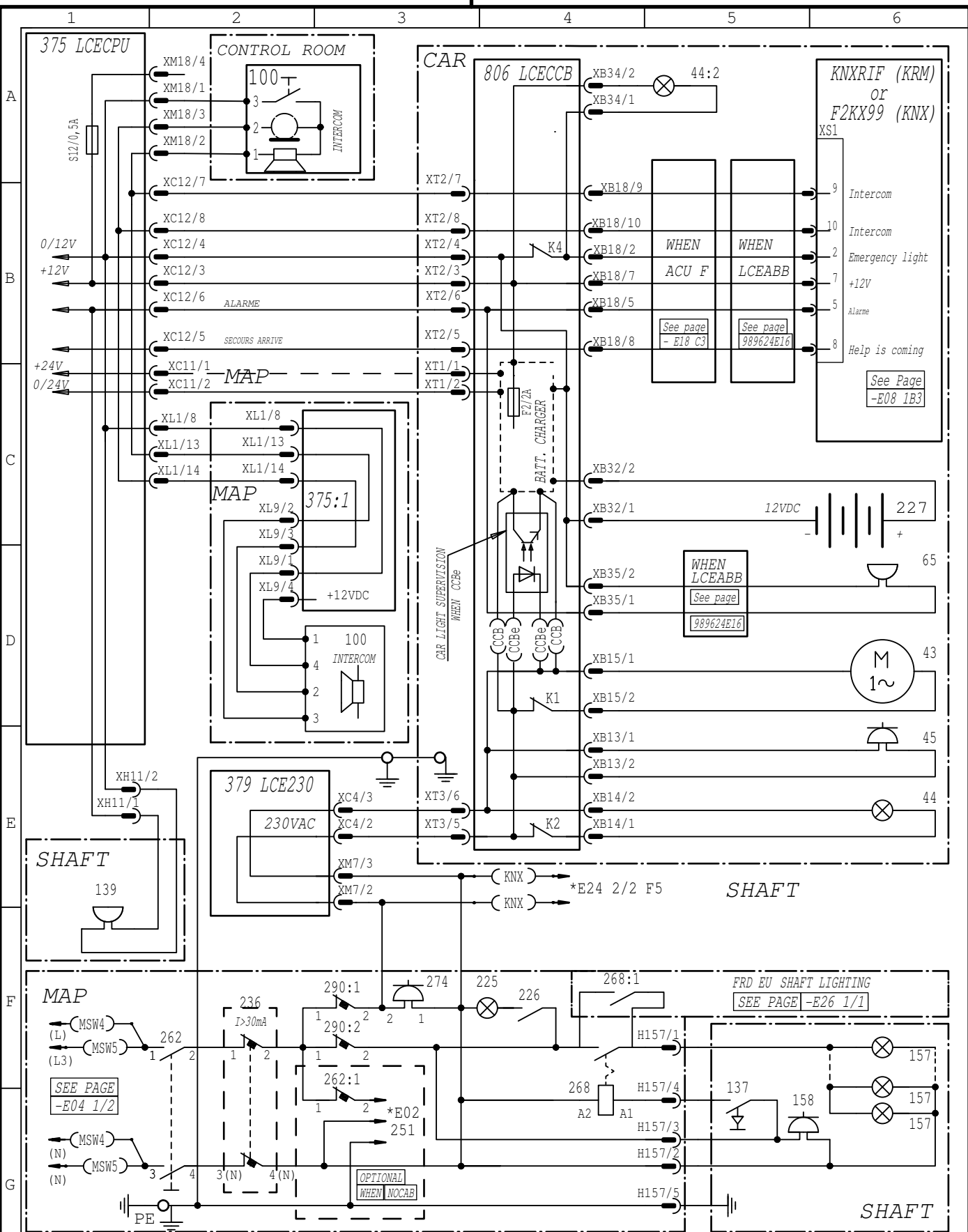
COPYRIGHT (C) 2008 KONE CORPORATION

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|-----------------------|--------------------|--------------------------|--|-------------------|-----------|
| Designer J.Kantola | | Checker P. Airaghi | | Language fr | |
| Dept. PCM | Date 29.01.2008 | Approver T.Niinivaara | | Product c. LCE | |
| SYNTHÈSE VOCALE | | | | | |
| ACU F | | | | | |
| Sales ref. no. - | | Draw. no. 885520E18 | | Issue - | Page 1 |

KONE



| | | | | |
|-------|-------------------------|---------|---------|----------|
| D | LCEABB&262:1&CCBe added | 10/12 | JKa | |
| E | MSW types added | 15/2012 | JKa | |
| Issue | Change description | Date | Des. by | Appr. by |

| | | | | | |
|----------|---------|---------|------------|------------|--------------|
| Designer | A.Zotti | Checker | P. Airaghi | Language | en |
| Dept. | RES | Date | 30.10.2002 | Approver | A. Jokivalli |
| | | | | Product c. | LCE |

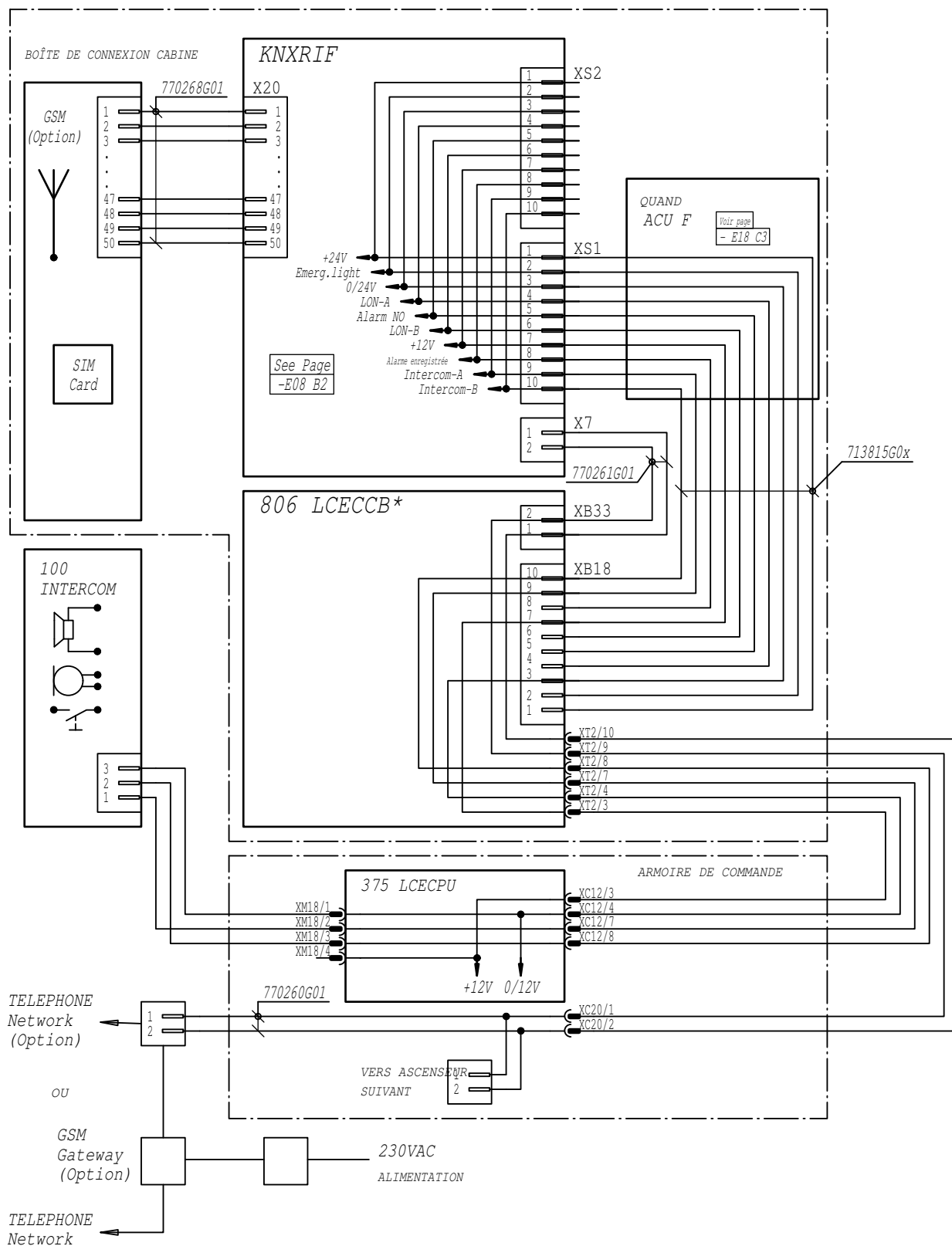
CAR/SHAFT

LIGHTING AND ALARM

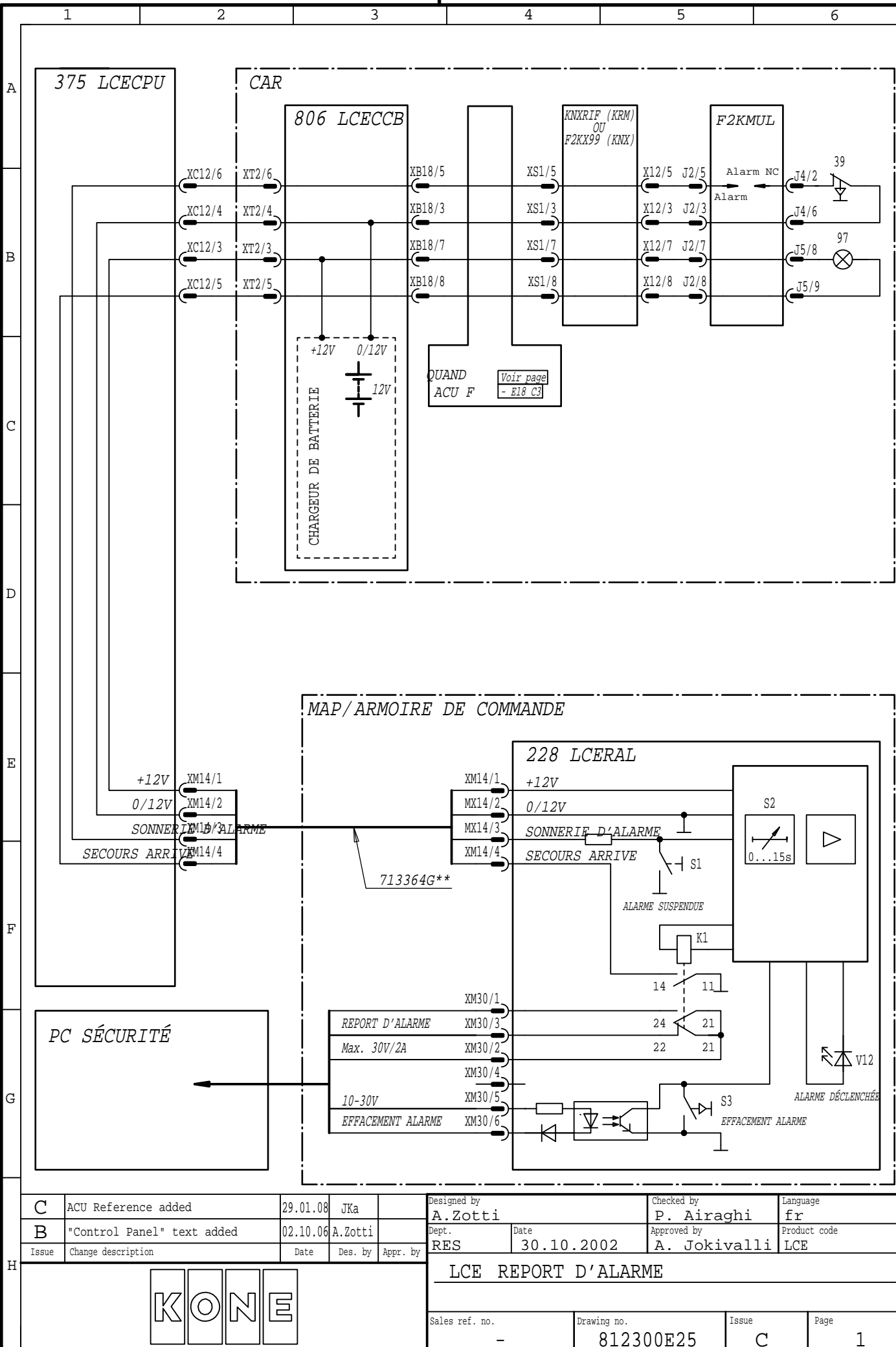
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| Sales ref. no. | Draw. no. | Issue | Page |
| | 812300E23 | E | 1 |

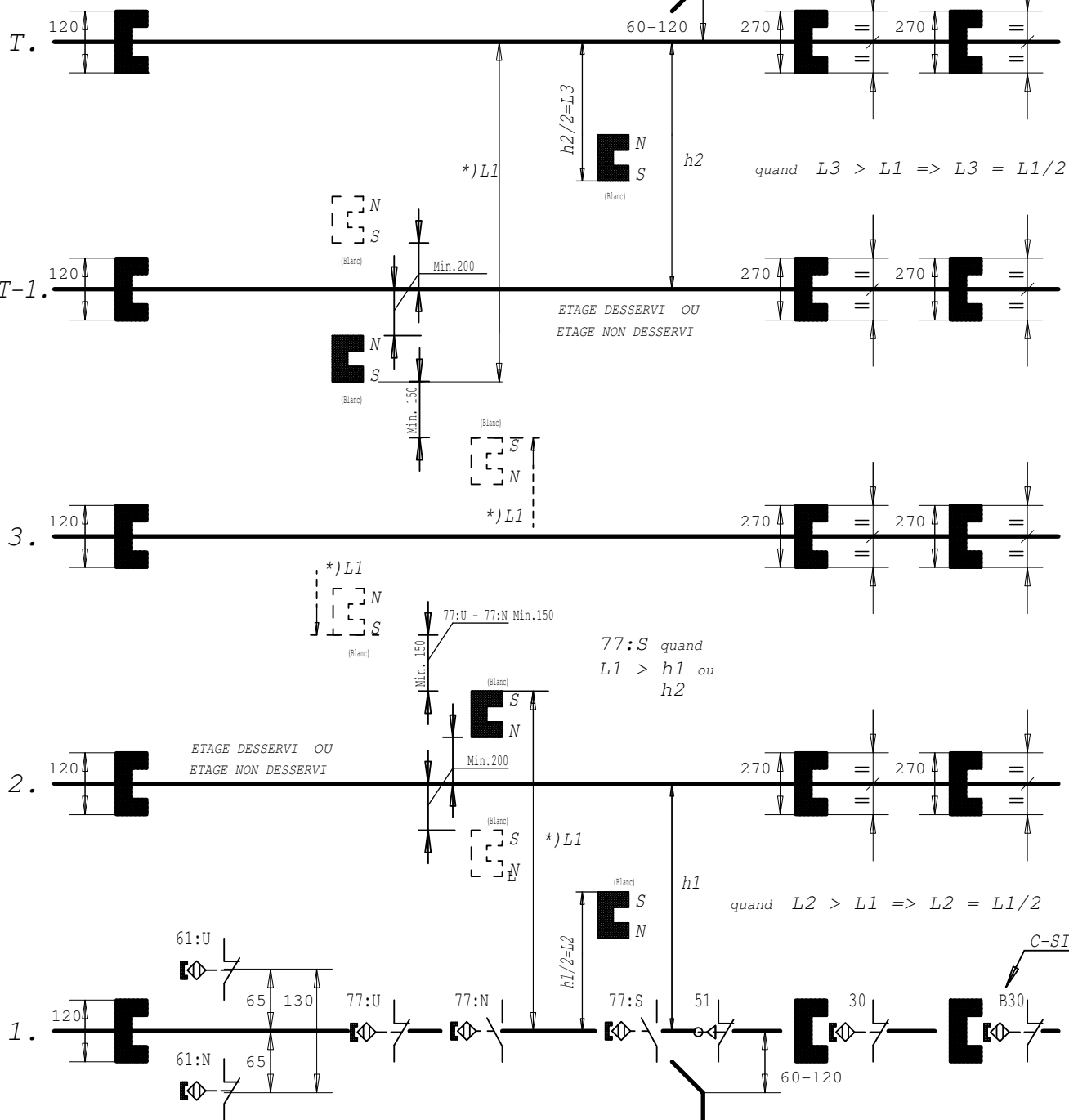
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|---|--------------------------|--------------------------|---------|--------------------------------|---------------------------------|------------------------------------|
| C | Induction loop added p.1 | 38/10 | MNo | Designed by A. Zotti | Checked by P. Airaghi | Language en |
| B | ACU Reference added | 05/08 | JKa | Dept. RES | Date 02.10.2002 | Approved by A. Jokivalli |
| Issue | Change description | Date | Des. by | Appr. by | Title | Product code LCE |
| <div style="border: 1px solid black; padding: 5px; font-size: 2em; font-weight: bold; letter-spacing: 10px;">KONE</div> | | | | DISPOSITIFS ADDITIONNELS | | |
| | | | | KRM | | |
| Sales ref. no. - | | Drawing no. 812301E24 | | Issue C | Page 2/2 | |





| VITESSE m/s | L1 = mm Min. - Max. |
|----------------|------------------------|
| 0.5 | 750 - 1000 |
| 1.0 | 1200 - 1500 |
| 1.6 | 2700 - 3000 |

- 30 Interrupteur de zone de porte
 51 Interrupteur hors course
 61 Oscillateur
 77 Interrupteur de décélération
 77:S Interrupteur de synchronisation

| | | | | | | | |
|----------------|-------------------------------------|-------|-----|------|------------------------------|------------------------|-------------------|
| D | Deceleration distance table updated | 06/12 | JKa | | Designer T. SYRMAN | Checker HRCKVA | Language fr |
| C | Deceleration distance table updated | 07/06 | JKa | | Dept. ECC | Approver HECATA | Product c. LCE |
| Issue | Change | Date | Des | Appr | | | |
| KONE Elevators | | | | | SCHÉMA DES DRAPEAUX DE GAINÉ | | |
| | | | | | Sales ref. no. — | Draw. no. 713311E60 | Issue D |
| | | | | | | | Page 1 |

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ECLAIRAGE

MAP

LEVIER D'OUVERTURE DU FREIN

LCERAL

OPTION

CARTES

OPTION

MODULE INTERUPTEUR

OPTION

ECLAIRAGE

GAINE

MODULE SUP2RIEUR

VOIR DESSIN

781710E92

MODULE DU BAS

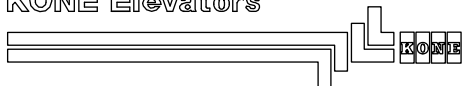
VOIR DESSIN

781710E91

811850E91

| | | | | |
|-------|---------------------------|----------|---------|----------|
| B | LCERAL board moved to MAP | 14/09/04 | SLILSI | SLIDCO |
| A | Reference 811850E91 added | 20/02 | JKa | |
| Issue | Change description | Date | Des. by | Appr. by |

KONE Elevators

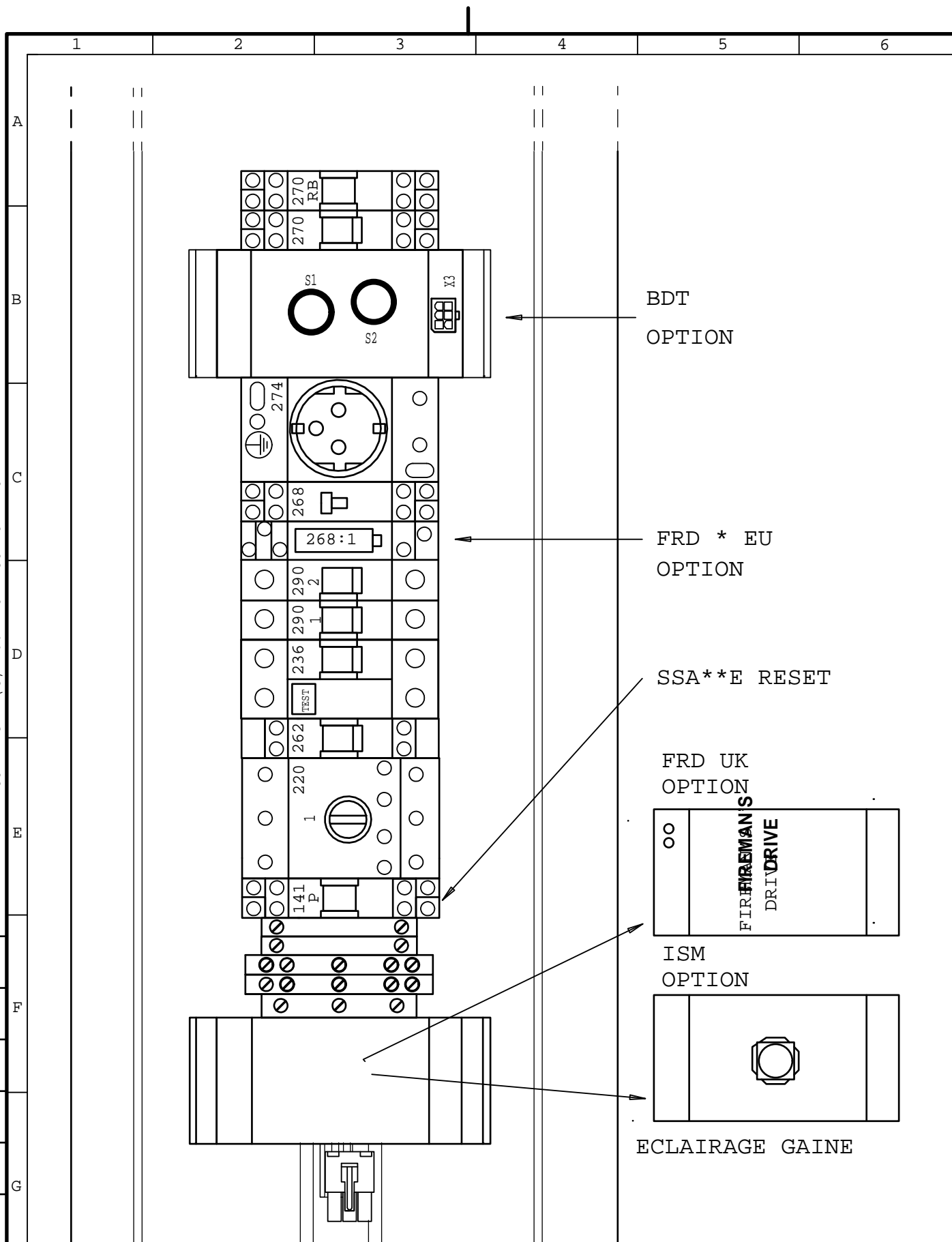



| | | | | |
|-------------------------|--------------------|---------------------------|--|---------------------|
| Designed by T. Tinti | | Checked by A.Jokivalli | | Language fr |
| Dept. RES | Date 29.10.2001 | Approved by P.Huotari | | Product code LCE |

PLAN POUR MAP

| | | | |
|---------------------|--------------------------|------------|-----------|
| Sales ref. no. - | Drawing no. 781710E90 | Issue B | Page 1 |
|---------------------|--------------------------|------------|-----------|

WIRING DIAGRAM



| | | | | | | | | | |
|--|-----------------------|-------|---------|----------|-------------------------|------------|--------------------------|----------------|------------|
| C | SAM Reset 141:P added | 47/09 | finjpa4 | | Designed by T. Tinti | | Checked by | Language fr | |
| B | FRD EU added | 02/06 | JKa | | Dept. | Date | Approved by | Product code | |
| Issue | Change description | Date | Des. by | Appr. by | RES | 29.10.2001 | | LCE | |
| <div>KONE Elevators</div> <div></div> | | | | | PLAN POUR MODULE DU BAS | | | | |
| | | | | | | | | | |
| | | | | | Sales ref. no. - | | Drawing no. 781710E91 | | Issue C |

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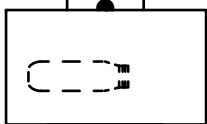
C

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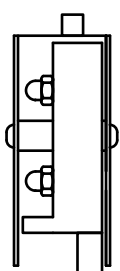
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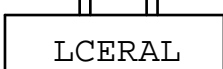
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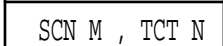
ECLAIRAGE



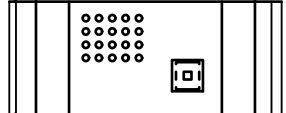
LEVIER D'OUVERTURE DU FREIN



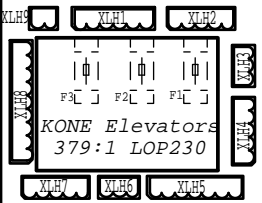
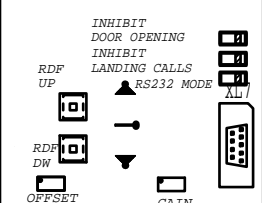
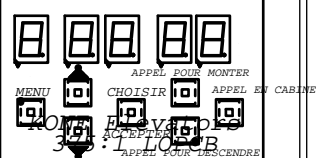
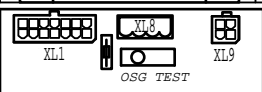
LCERAL



SCN M , TCT N



RAL
OPTION
SCN M , TCT N
OPTION
ISE
OPTION



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|----------------|-----------------------|------------|---------|----------|-------------------------|--------------------|---------------------|
| C | Brake lever changed | 27/11/2007 | JKa | | Designed by T. Tinti | Checked by | Language fr |
| B | SCN M and TCT N added | 07/02/2006 | JKa | | Dept. RES | Date 29.10.2001 | Product code LCE |
| Issue | Change description | Date | Des. by | Appr. by | DESSIN DU MODULE HAUT | | |
| KONE Elevators | | | | | Sales ref. no. | Drawing no. | Issue |
| | | | | | - | 781710E92 | C |
| | | | | | | | Page 1 |

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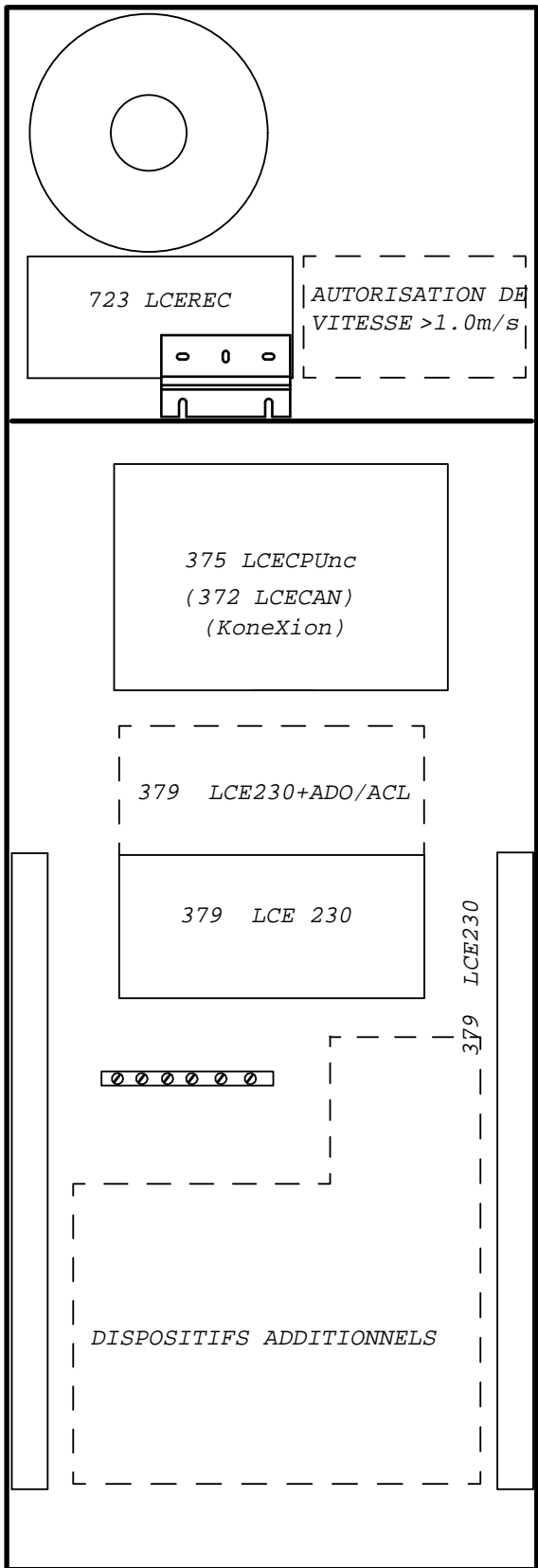
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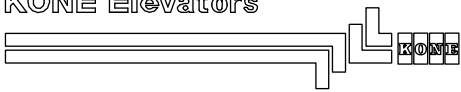
H



DÉPART

MODULE SUP2RIEUR
VOIR DESSIN 781711E91

MODULE D'OPTION
VOIR DESSIN 781711E92

| | | | | | | | | |
|---|--------|-----------------------|-------|------|----------------------|------------------------|-------------------------|-------------------|
| | | | | | Designer T. Tinti | | Checker A. Jokivalli | Language fr |
| A | | Add start permit Text | 09.03 | A.Z. | Dept. RES | Date 29.10.2001 | Approver P. Huotari | Product c. LCE |
| Issue | Change | Date | Des | Appr | PLAN POUR SEP | | | |
| KONE Elevators | | | | | | | | |
|  | | | | | Sales ref. no. - | Draw. no. 781711E90 | Issue A | Page 1 |

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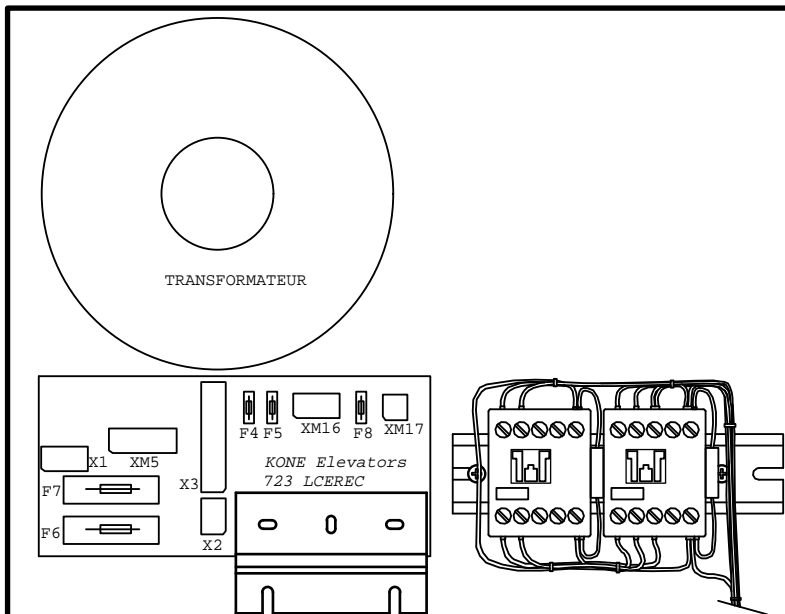
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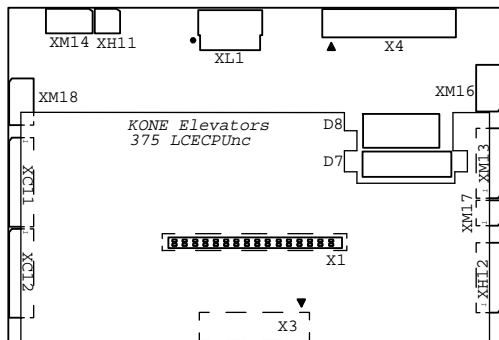
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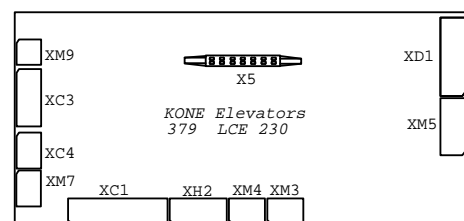


TRANSFORMATEUR

KONE Elevators
723 LCEREC

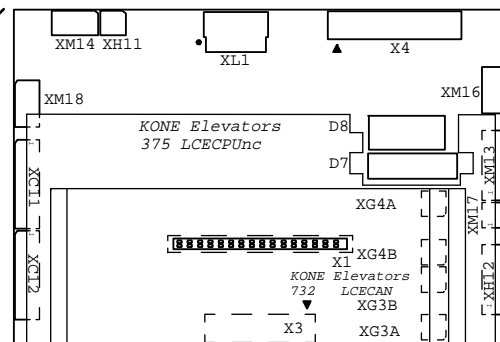


KONE Elevators
375 LCECPUnc

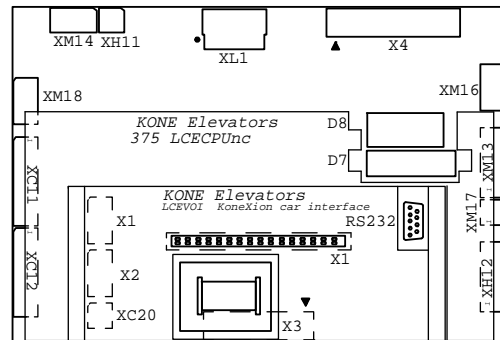


KONE Elevators
379 LCE 230

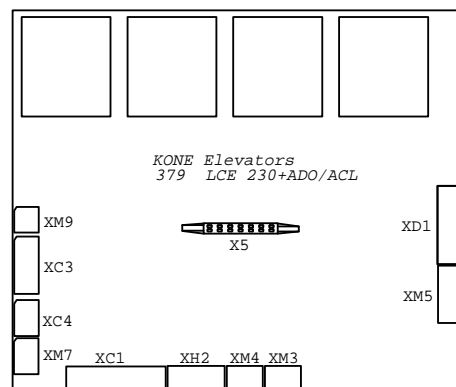
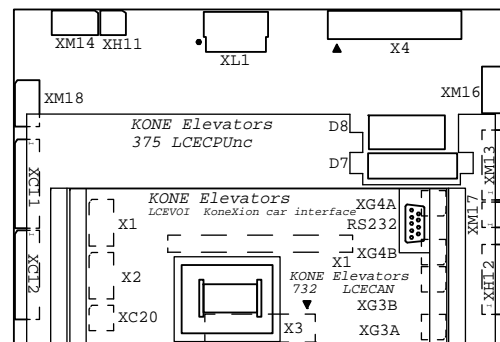
Avec carte LCECAN



Avec carte KoneXion



Avec carte LCECAN
et carte KoneXion

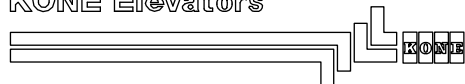


KONE Elevators
379 LCE 230+ADO/ACL

OU

| | | | | |
|-------|----------------------------|-------|------|------|
| | | | | |
| A | Add start permit contactor | 09.03 | A.Z. | |
| Issue | Change | Date | Des | Appr |

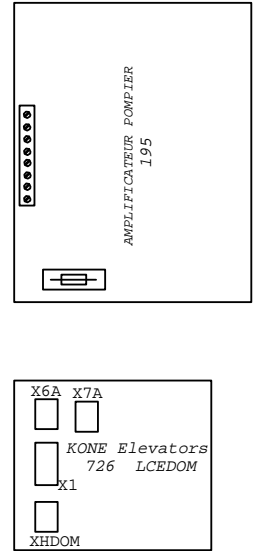
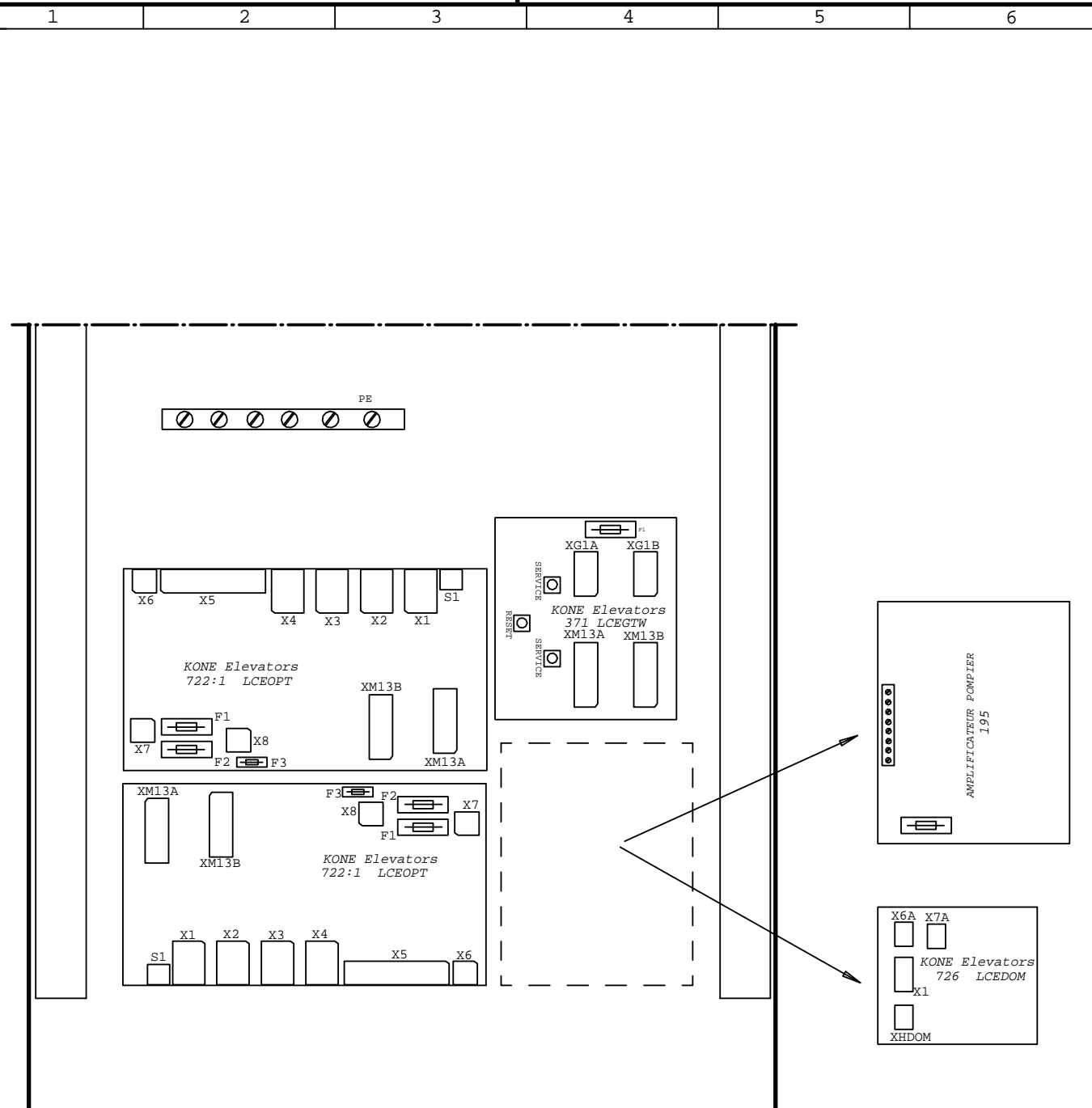
KONE Elevators

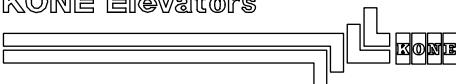


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| Designer | T. Tinti | Checker | A. Jokivalli | Language | fr |
| Dept. | RES | Date | 29.10.2001 | Approver | P. Huotari |
| | | | | Product c. | LCE |

DESSIN DU MODULE HAUT

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| Sales ref. no. | Draw. no. | Issue | Page |
| - | 781711E91 | A | 1 |



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|--|------------------|------------|--------|--------|---------------------------|--------------------|-------------------------|-------------------|------------------------|------------|-----------|
| | | | | | Designer T. Tinti | | Checker A. Jokivalli | Language fr | | | |
| A | RAL moved to MAP | 14/09/2004 | SLILSI | SLIDCO | Dept. RES | Date 29.10.2001 | Approver P. Huotari | Product c. LCE | | | |
| Issue | Change | Date | Des | Appr | PLAN POUR MODULE D'OPTION | | | | | | |
| <div>KONE Elevators</div> <div></div> | | | | | Sales ref. no. - | | | | Draw. no. 781711E92 | Issue A | Page 1 |
| | | | | | | | | | | | |