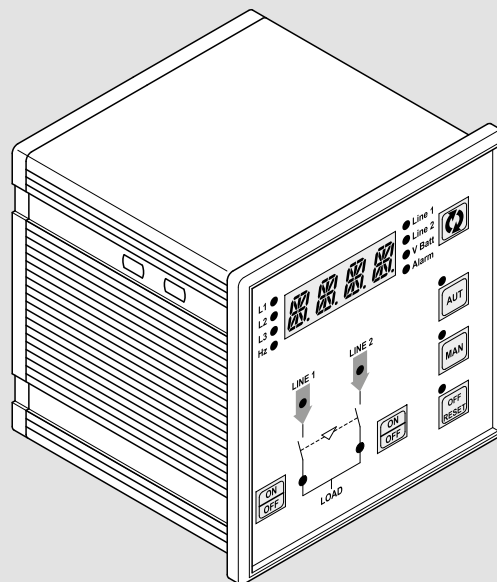








### **WARNING**

- Read carefully the manual before the installation or use, taking count of the informations of instruction sheet given with to the product.
- These equipments have to be installed by qualified personnel, in compliance to local standards, to avoid damages or safety hazards.
- Before any device maintenance operation, remove the supply from measuring inputs or isolate them cutting the supply from other sources.
- Legrand assumes no responsibility if the device isn't properly used, if installative informations aren't respected or if the device is tampered.
- Products described here below are subject to alterations and changes without prior notice. For this reason the catalogues data couldn't have contractual value.
- Clean the instrument with a soft dry cloth; do not use abrasives, liquids.
- Due of presence of electrical connections, the safety standards have to be respected.
- The ATS is supplied with Legrand standard parameters. These couldn't respect the necessity of the specific application/ installation. For this reason it is necessary to know the parameters and eventually to modify them in order to better integrate the device to the plant.



### **SAFETY INSTRUCTIONS**

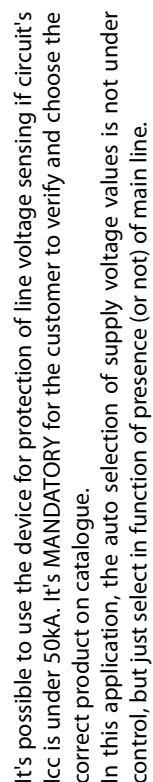
This product should be installed in compliance with installation rules, preferably by a qualified electrician. Incorrect installation and use can lead to risk of electric shock or fire.

Before carrying out the installation, read the instructions and take account of the product's specific mounting location.

Do not open up, dismantle, alter or modify the device.

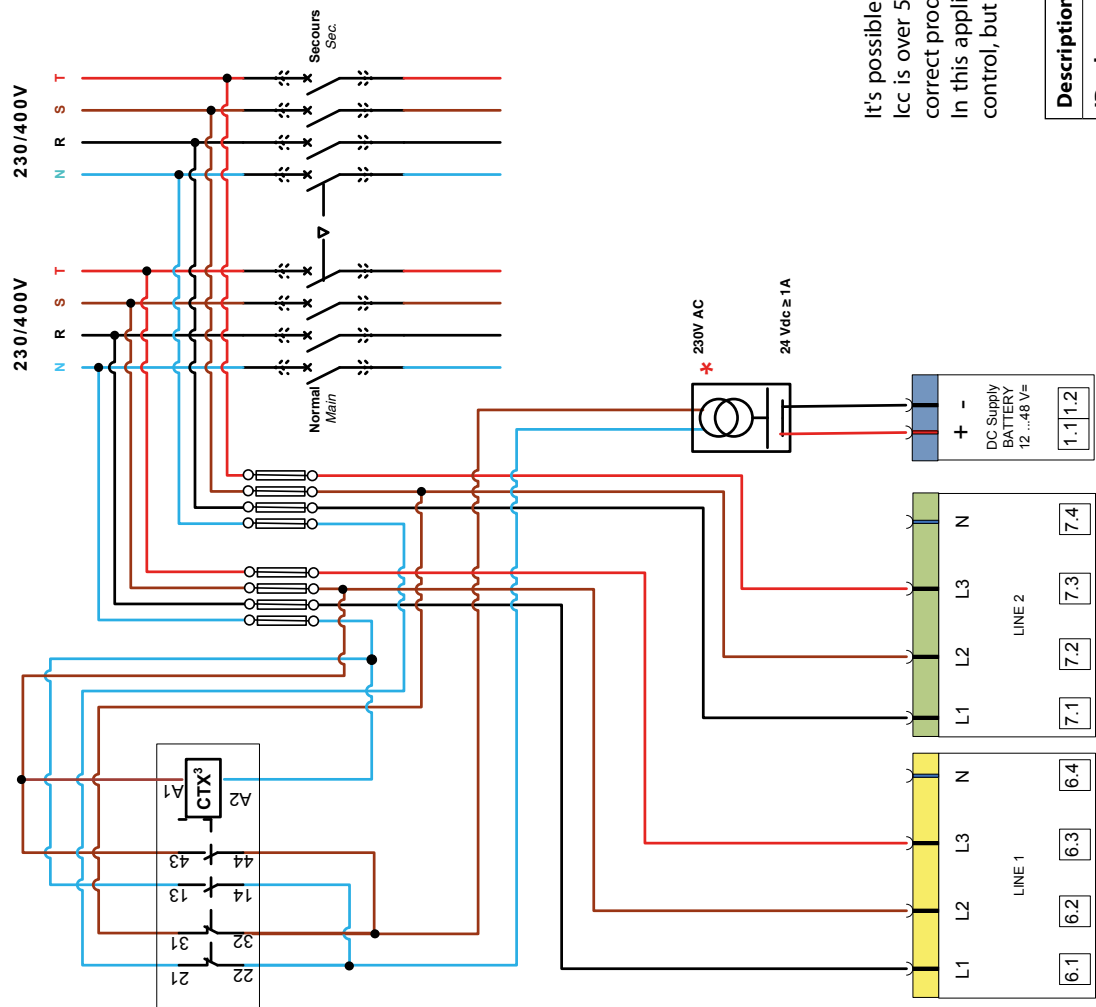
All Legrand products must be opened and repaired exclusively by personnel trained and approved by Legrand. Any unauthorized opening or repair completely cancels all liabilities and the rights to replacement and guarantees.

Use only Legrand brand accessories.



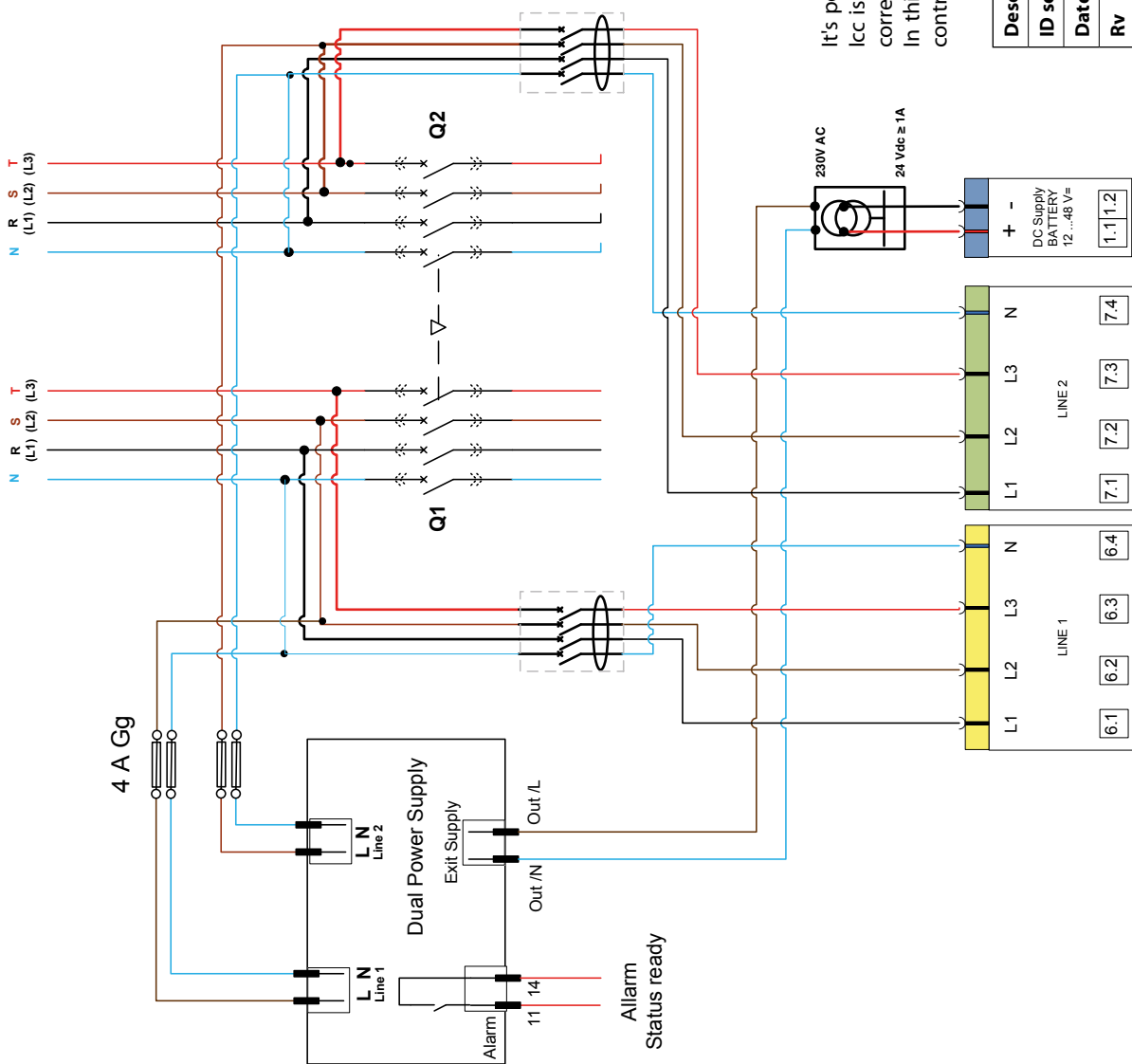
|                    |                                   |
|--------------------|-----------------------------------|
| <b>Description</b> | auto supply by CTX <sup>2</sup>   |
| <b>ID scheme</b>   | ATS_AUTO_CTX <sup>3</sup> _DX_230 |
| <b>Date</b>        | 27/05/2015                        |
| <b>Rv</b>          | 0                                 |

Automatic transfer switch  
4 226 80



It's possible to use the fuses for protection of line voltage sensing if circuit's Icc is over 50kA. It's MANDATORY for the customer to verify and choose the correct product on catalogue.  
In this application, the auto selection of supply voltage values is not under control, but just select in function of presence (or not) of main line.

|             |                                          |
|-------------|------------------------------------------|
| Description | Auto power schemes with CTX <sup>3</sup> |
| ID scheme   | ATS_AUTO_CTX <sup>3</sup> _FU_230        |
| Date        | 27/05/2015                               |
| Rv          | 0                                        |

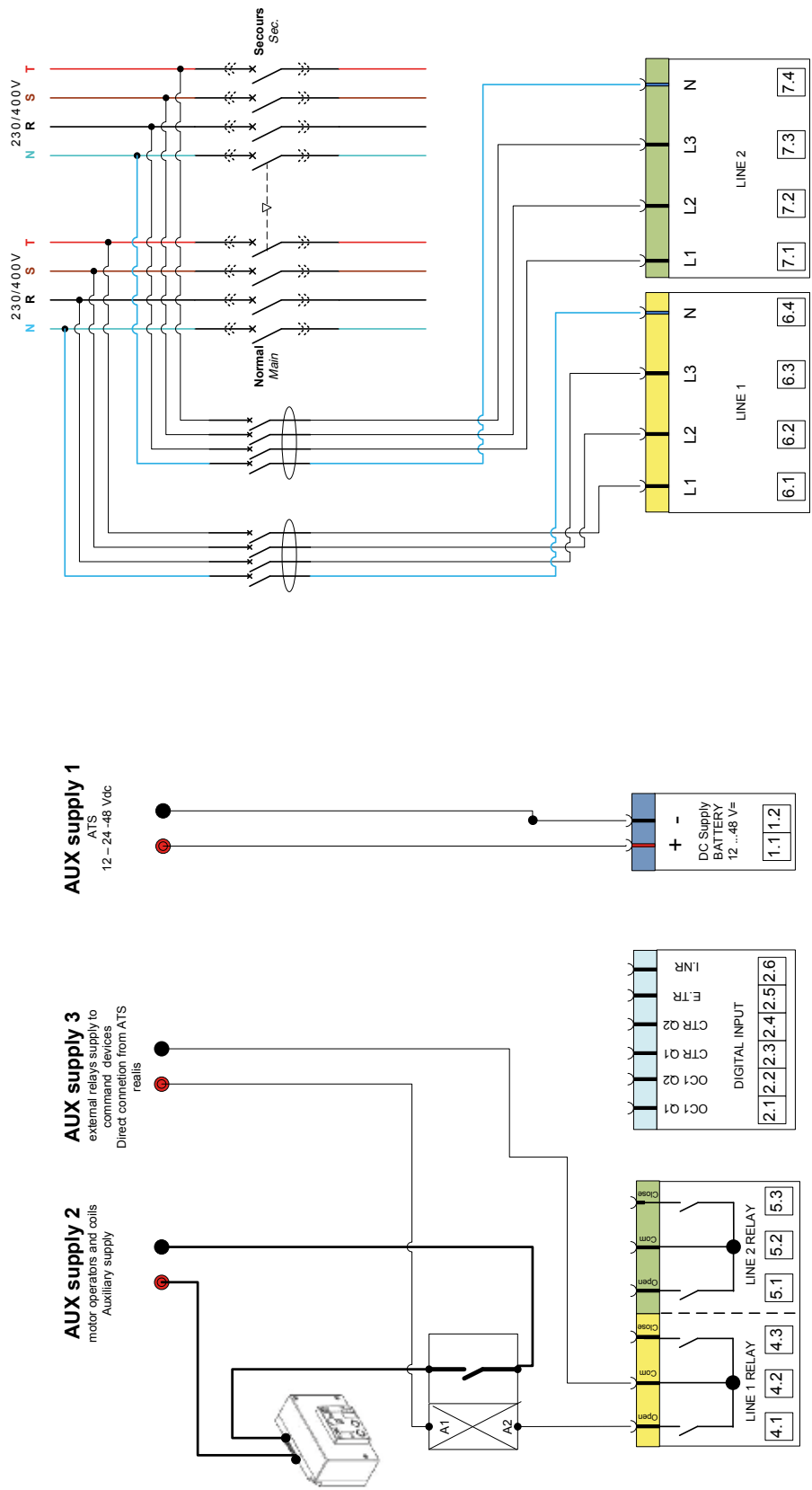


It's possible to use the fuses for protection of line voltage sensing if circuit's Icc is over 50kA. It's MANDATORY for the customer to verify and choose the correct product on catalogue.

In this application, the auto selection of supply voltage values is not under control, but just select in function of presence (or not) of main line.

|             |                                  |
|-------------|----------------------------------|
| Description | DPS Dual Power Supply connection |
| ID scheme   | ATS_AUTO_DPS_230                 |
| Date        | 27/05/2015                       |
| Rv          | 1.1                              |

Mandatory wiring diagram for applications with devices with DC supply and for applications with AC supply (24V, 48V, 110V, 400V)

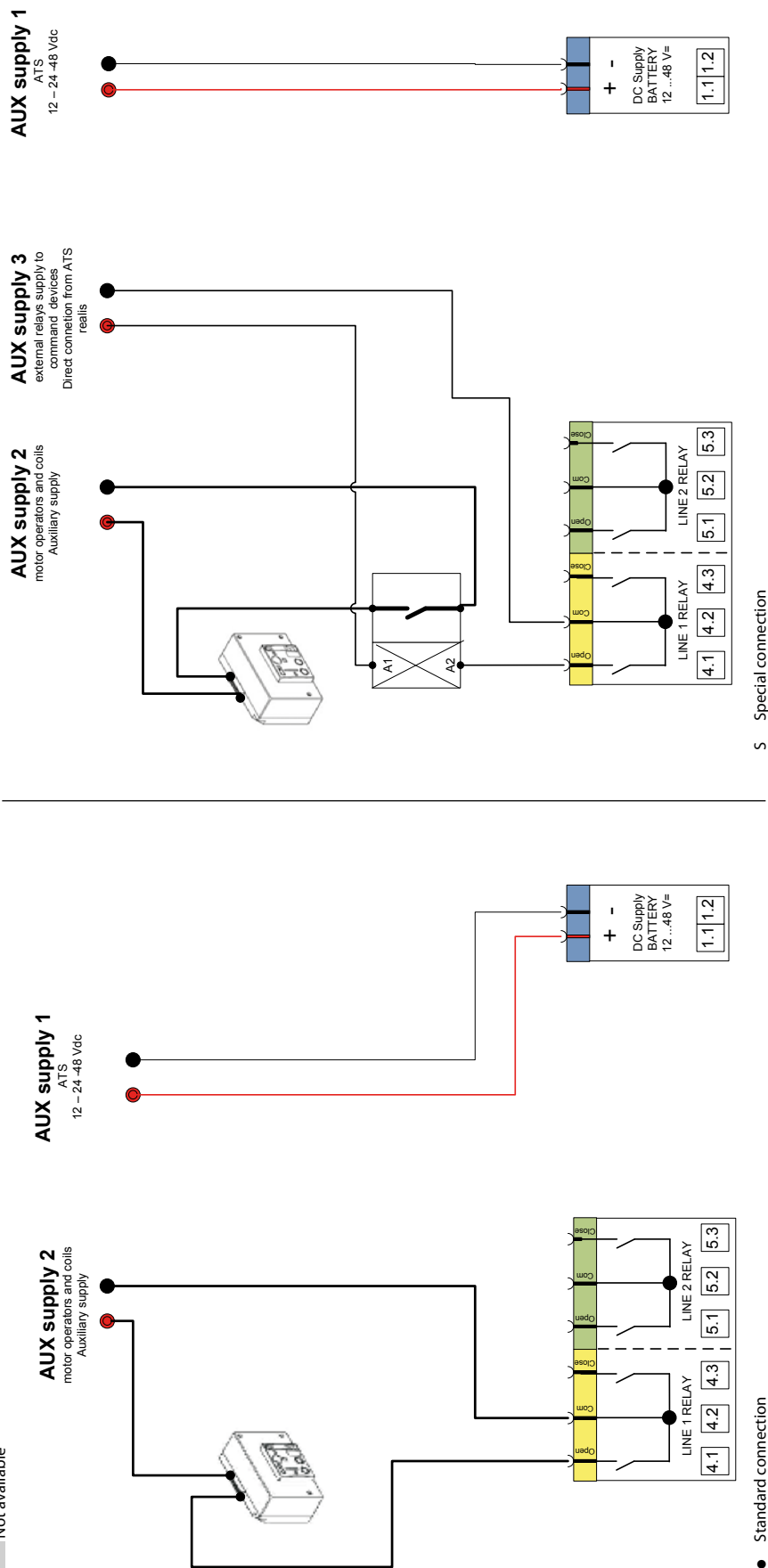


|             |                     |
|-------------|---------------------|
| Description | Multi Supply schema |
| ID scheme   |                     |
| Date        |                     |
| Rv          |                     |

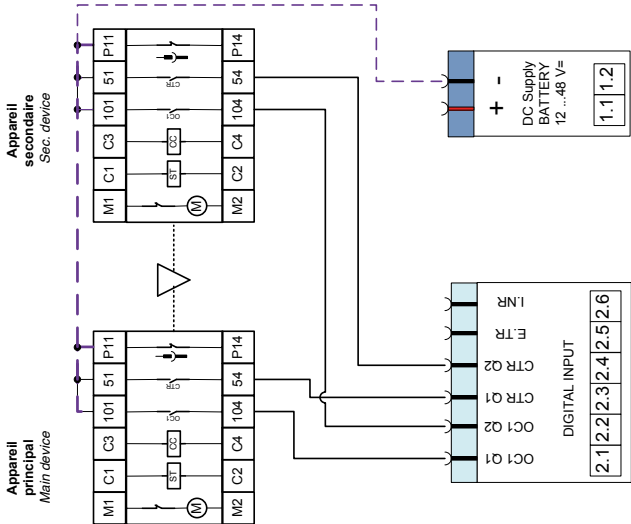
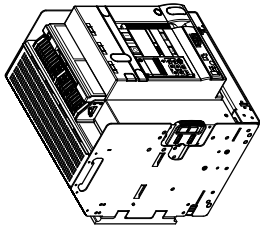
Nominal voltage of auxiliary (motor operator and coil)

| Type                              | 24 |    | 48 |    | 110 |    | 230 |    | 400-440 |    | 480 |    |
|-----------------------------------|----|----|----|----|-----|----|-----|----|---------|----|-----|----|
|                                   | AC | DC | AC | DC | AC  | DC | AC  | DC | AC      | DC | AC  | DC |
| DPX <sup>3</sup> 160-250          | ●  | ●  | ●  | ●  | ●   | ●  | ●   | ●  |         |    |     |    |
| DPX 250                           | S  | S  | S  | S  | S   | S  | S   | S  |         |    |     |    |
| DPX <sup>3</sup> 630              | S  | S  | S  | S  | S   | S  | S   | S  |         |    |     |    |
| DPX1600                           | S  | S  | S  | S  | S   | S  | S   | S  |         |    |     |    |
| DPX <sup>3</sup> 1600             | S  | S  | S  | S  | S   | S  | S   | S  |         |    |     |    |
| DMX <sup>3</sup> 1600             | S  | S  | S  | S  | S   | S  | S   | S  | ●       | ●  | ●   | ●  |
| DMX <sup>3</sup> 2500 /4000/ 6300 | S  | S  | S  | S  | S   | S  | S   | S  | ●       | ●  | ●   | ●  |
| CTX <sup>3</sup> MINI             | ●  | ●  | ●  | ●  | ●   | ●  | ●   | ●  | ●       | ●  | ●   | ●  |
| CTX <sup>3</sup> 800              | S  | S  | S  | S  | ●   | ●  | ●   | ●  | ●       | ●  | ●   | ●  |

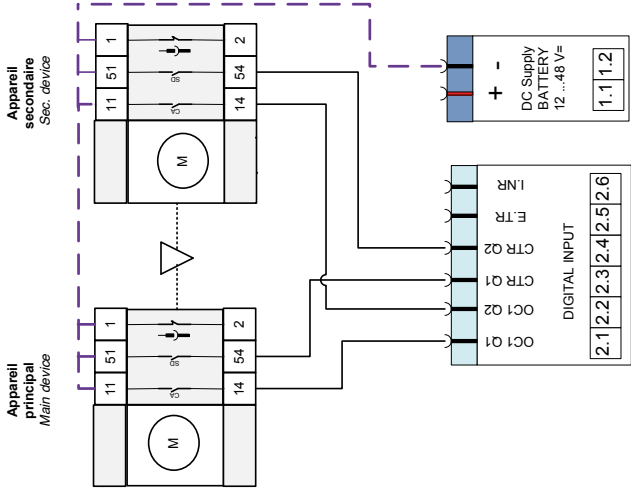
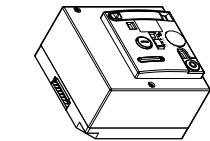
- Standard connection wiring, direct to ATS controller
- S Special wiring connection with external relays
- Not available



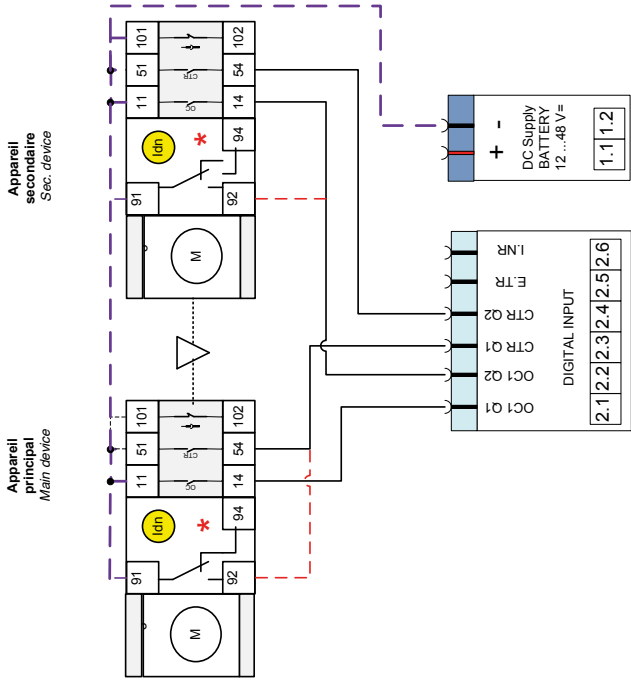
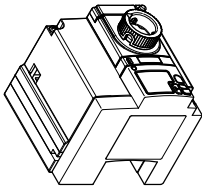
DMX<sup>3</sup>



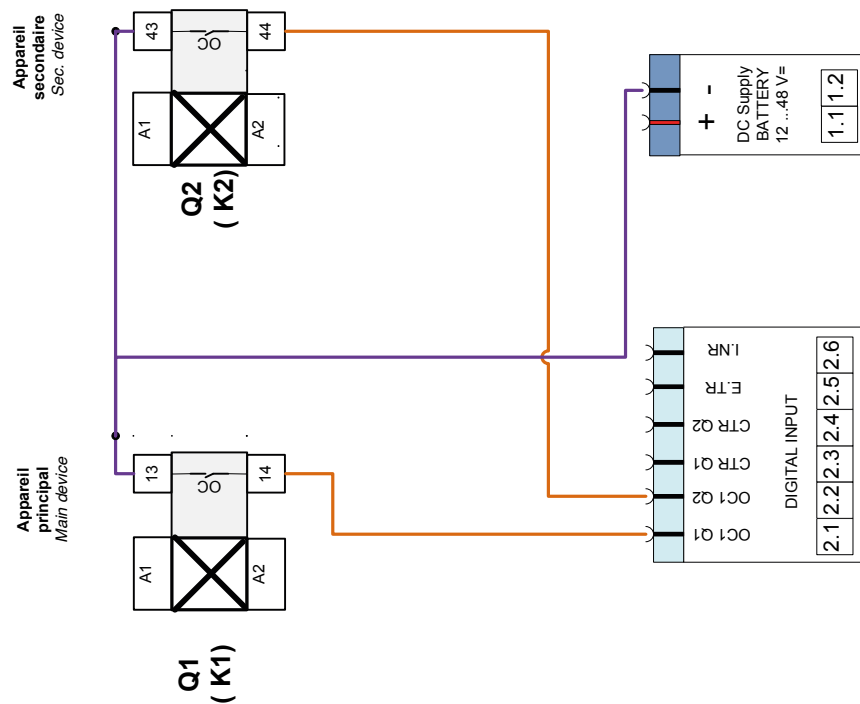
DPX<sup>3</sup> 630 - DPX<sup>3</sup> 1600



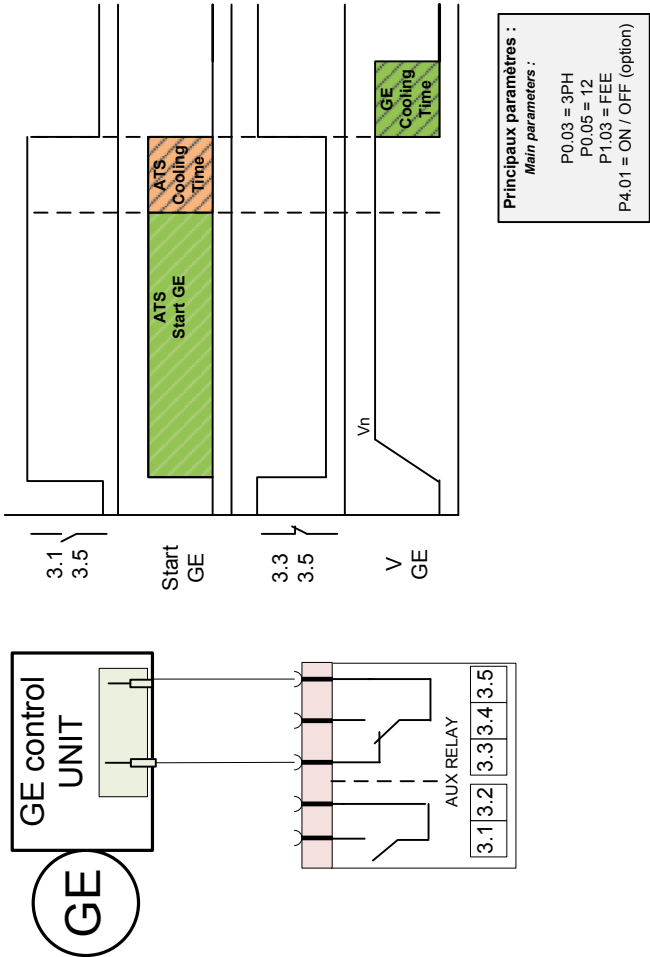
DPX<sup>3</sup> 160 - DPX<sup>3</sup> 250



| Description | Feedback connection |
|-------------|---------------------|
| ID scheme   |                     |
| Date        | 26/02/2016          |
| Rv          | 1                   |

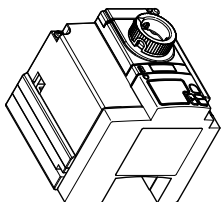


|                    |                                                             |
|--------------------|-------------------------------------------------------------|
| <b>Description</b> | CTX <sup>3</sup> 22 - 40 - 65 - 100 - 150 - 225 - 400 - 800 |
| <b>ID scheme</b>   | D_82_Txx_230_UG                                             |
| <b>Date</b>        | 26/02/2016                                                  |
| <b>Rv</b>          | 1                                                           |

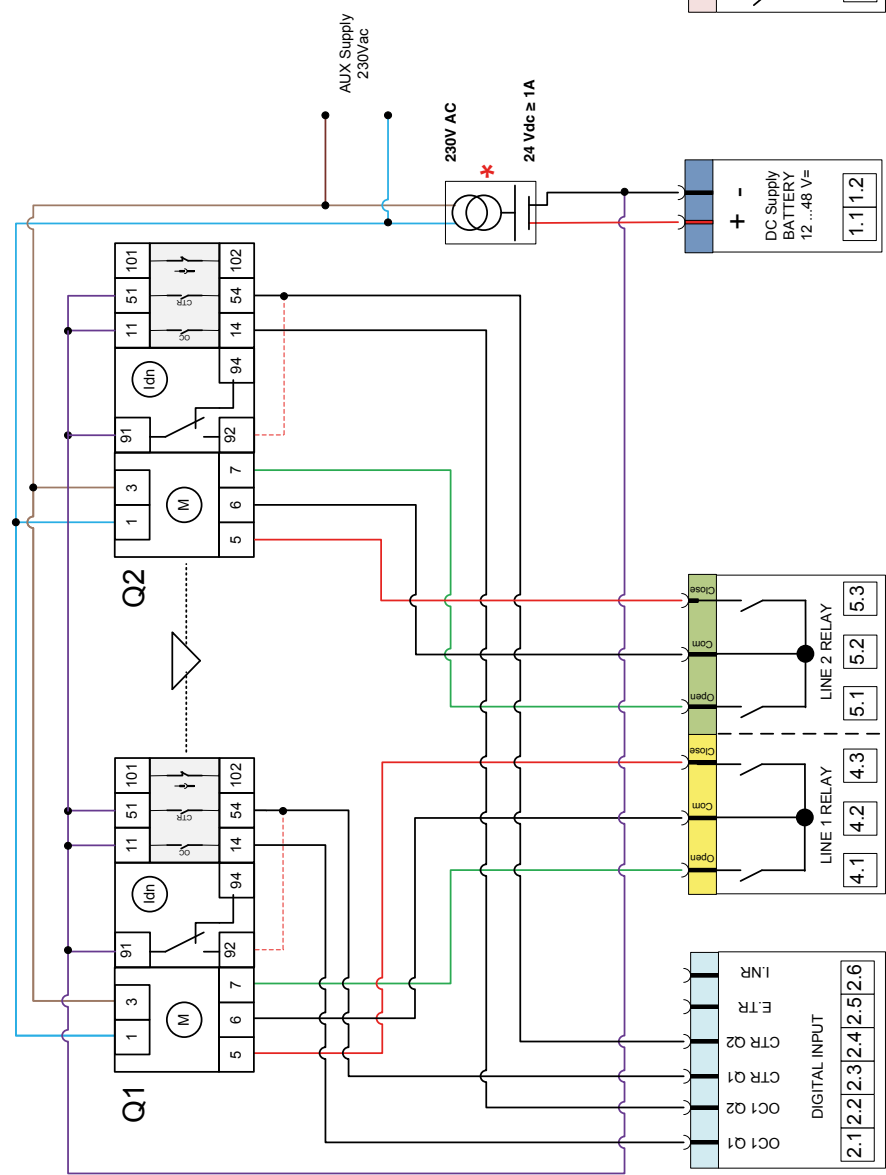


| Description | Ge control  |
|-------------|-------------|
| ID scheme   | D_80_GEN_UG |
| Date        | 26/02/2016  |
| Rv          | 1.0         |

|                    |                                     |
|--------------------|-------------------------------------|
| <b>Description</b> | DPX <sup>3</sup> 160 – 250 Feedback |
| <b>ID scheme</b>   | D_80_P00_230_NC_UG_                 |
| <b>Date</b>        | 28/04/2016                          |
| <b>Rv</b>          | 1.0                                 |

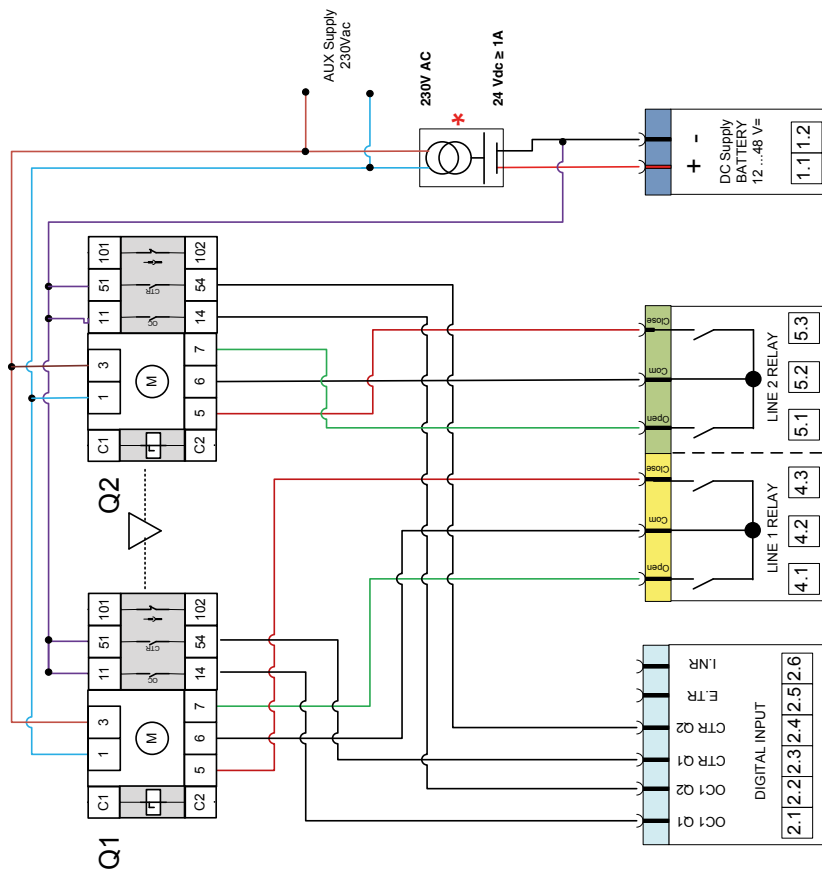


Commande motorisée  
→ Motor-driven handles  
DPX<sup>3</sup> 160 / 250 : 4 210 61



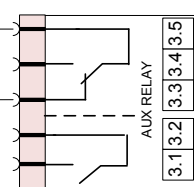
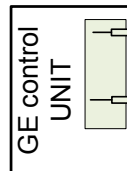
|             |                                           |
|-------------|-------------------------------------------|
| Description | DPX <sup>3</sup> 160 – 250 Feedback + RCD |
| ID scheme   | D_80_P00_230_RCD_UG                       |
| Date        | 28/04/2016                                |
| Rv          | 1.0                                       |

External supply  
emergency line supply  
Alimentation externe dédiée à la  
ligne d'arrêt urgence

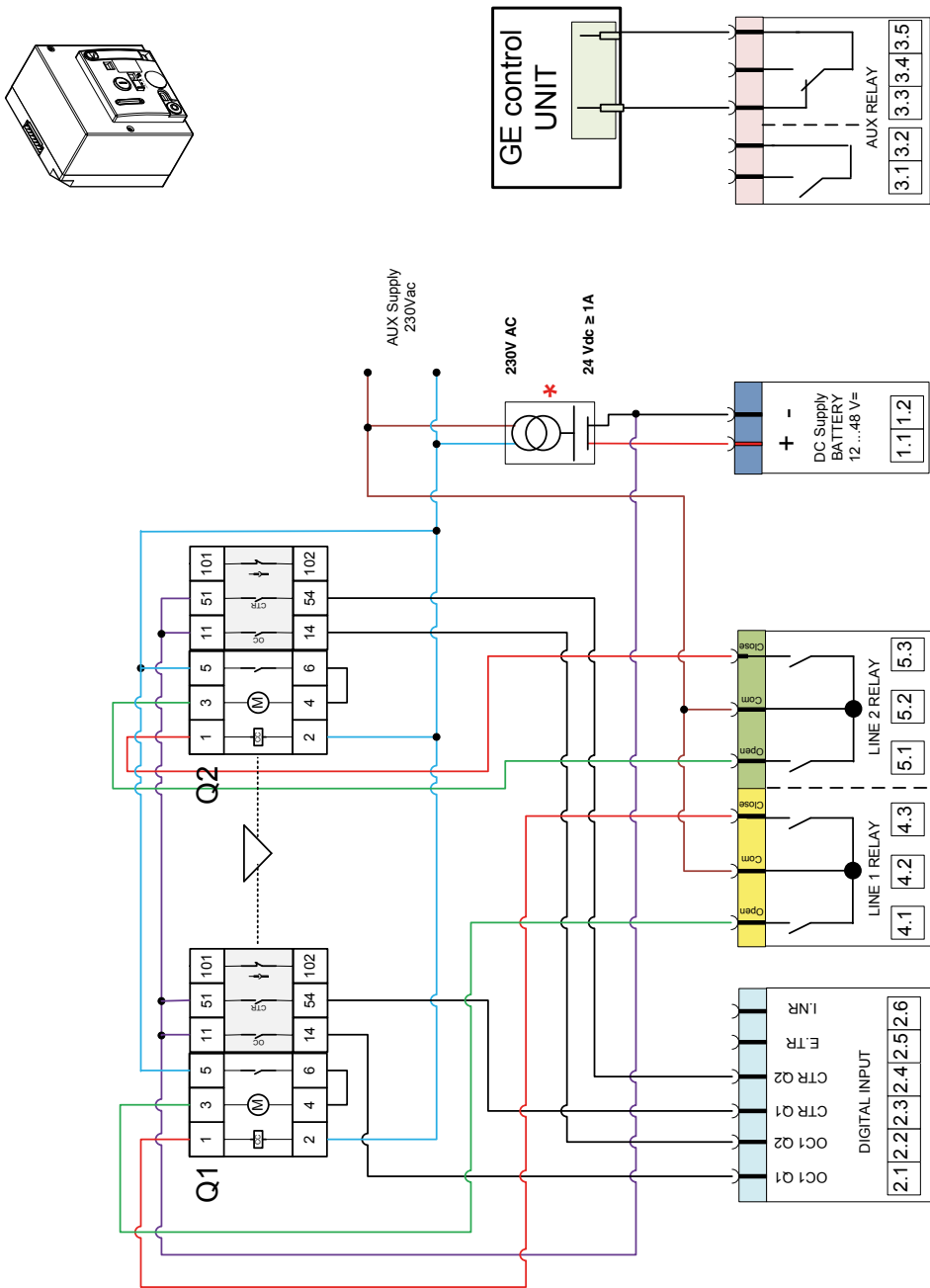


If the control of UVR is direct by  
ATS in not possible to control the  
star and stop of generator.

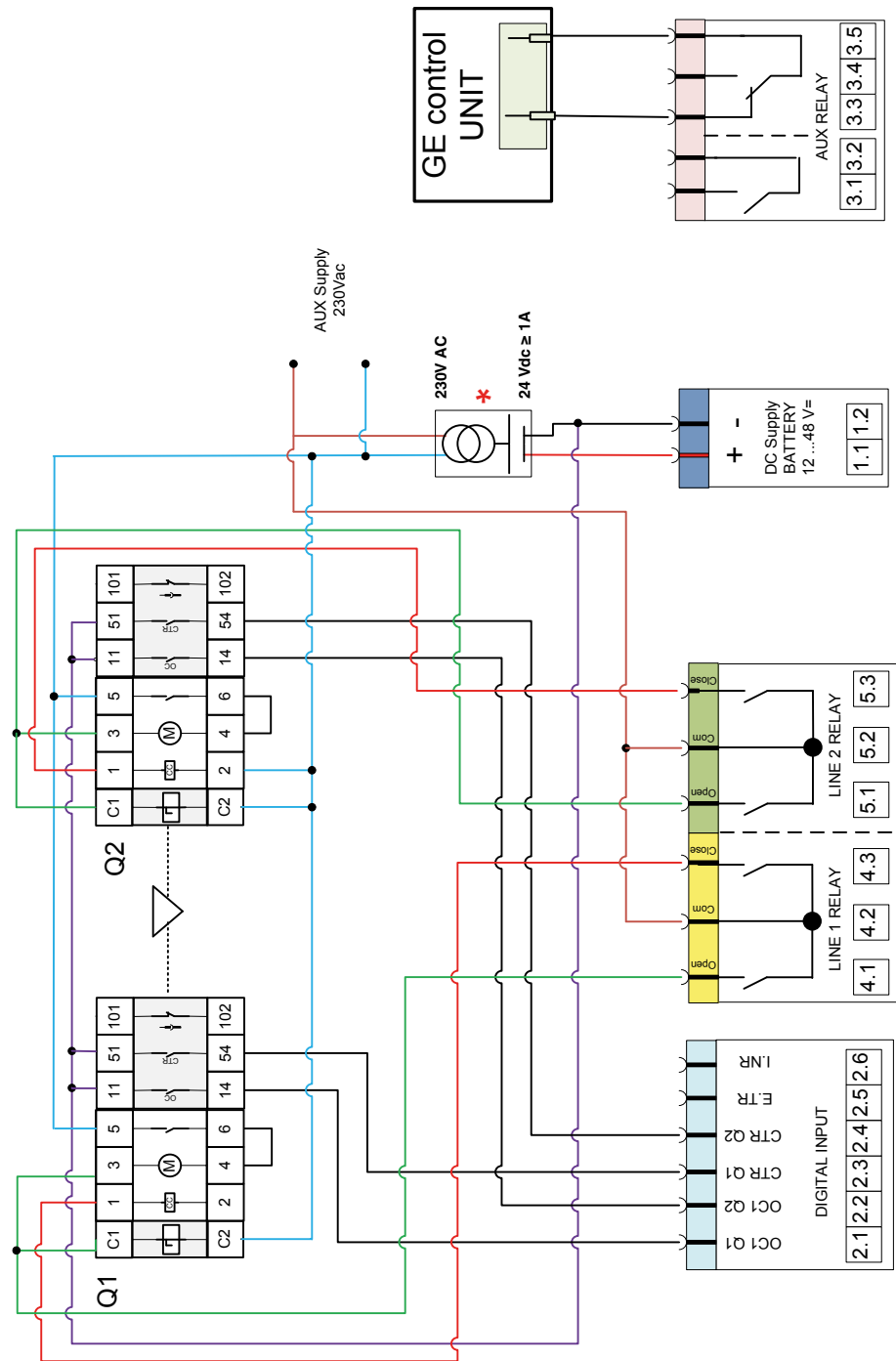
Si l'ATS contrôle directement les  
bobines MT-UVR, il est  
impossible de commander le  
démarrage ou l'arrêt du groupe  
électrogène



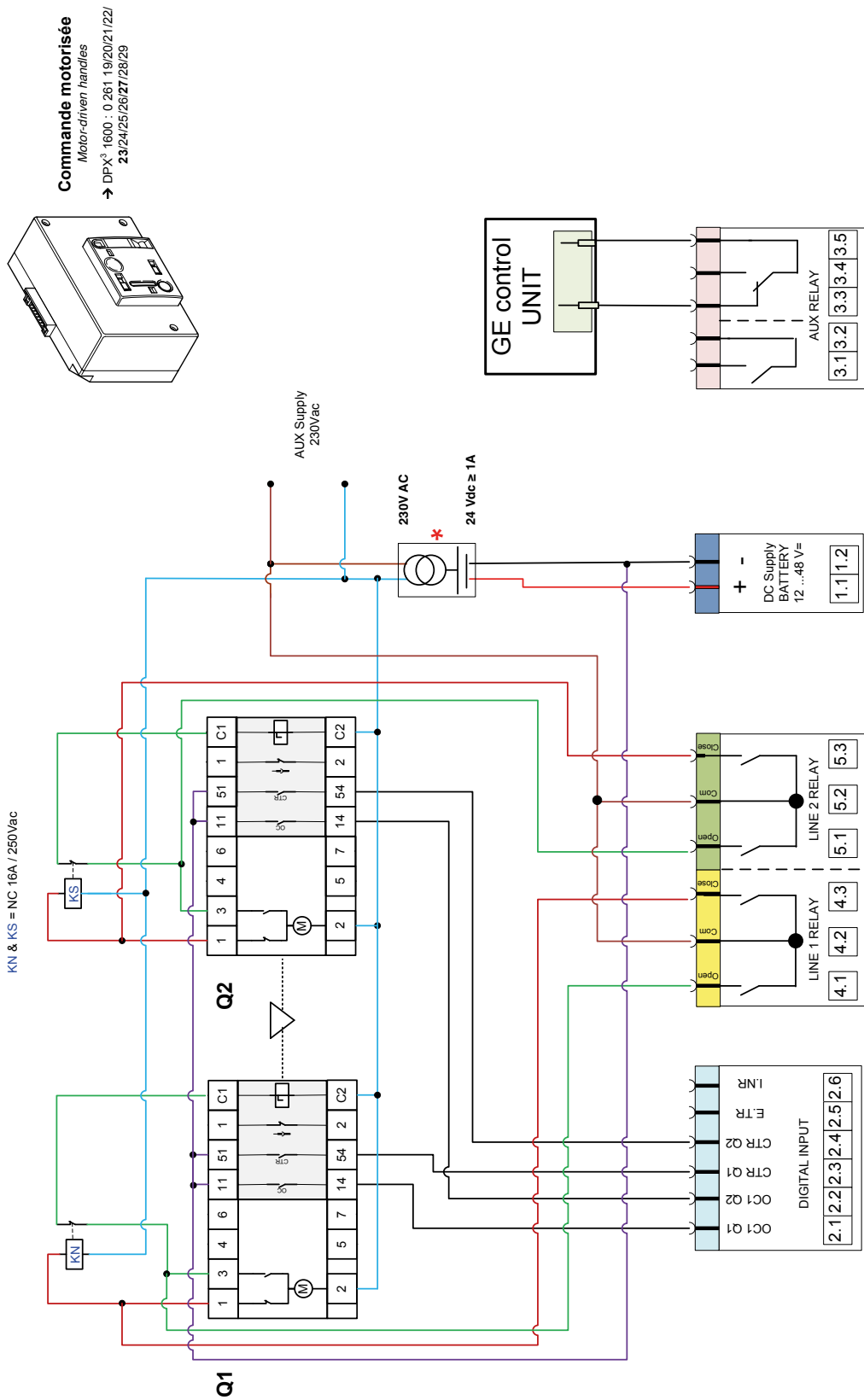
|             |                                            |
|-------------|--------------------------------------------|
| Description | DPX <sup>3</sup> 160 – 250 + emergency UVR |
| ID scheme   | D_80_P00_230_UVR_UG_EMER_                  |
| Date        | 28/04/2016                                 |
| Rv          | 1.0                                        |



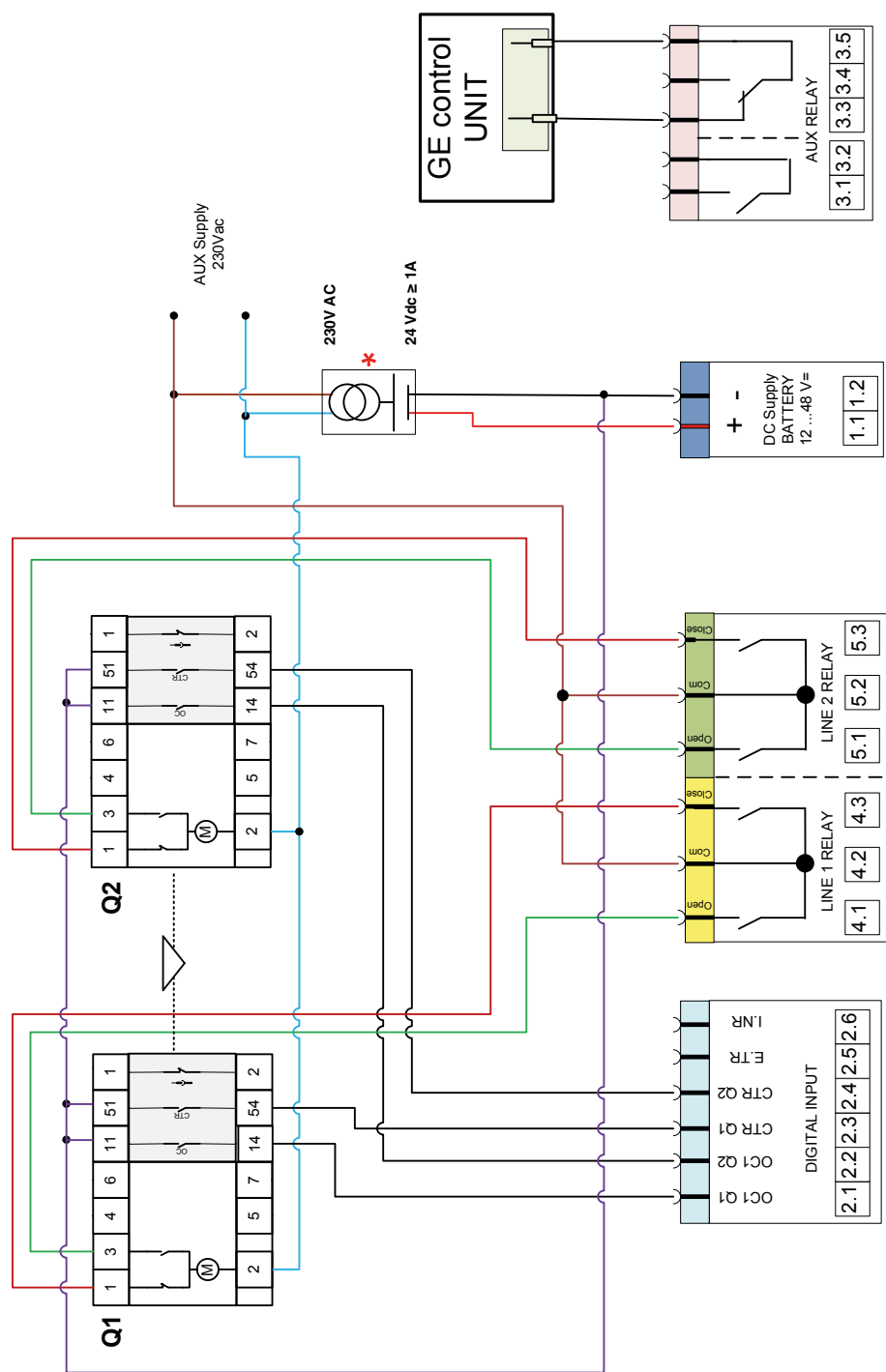
|             |                               |
|-------------|-------------------------------|
| Description | DPX <sup>3</sup> 630 Feedback |
| ID scheme   | D_80_P02_230_NC_UG            |
| Date        | 28/04/2016                    |
| Rv          | 1.0                           |



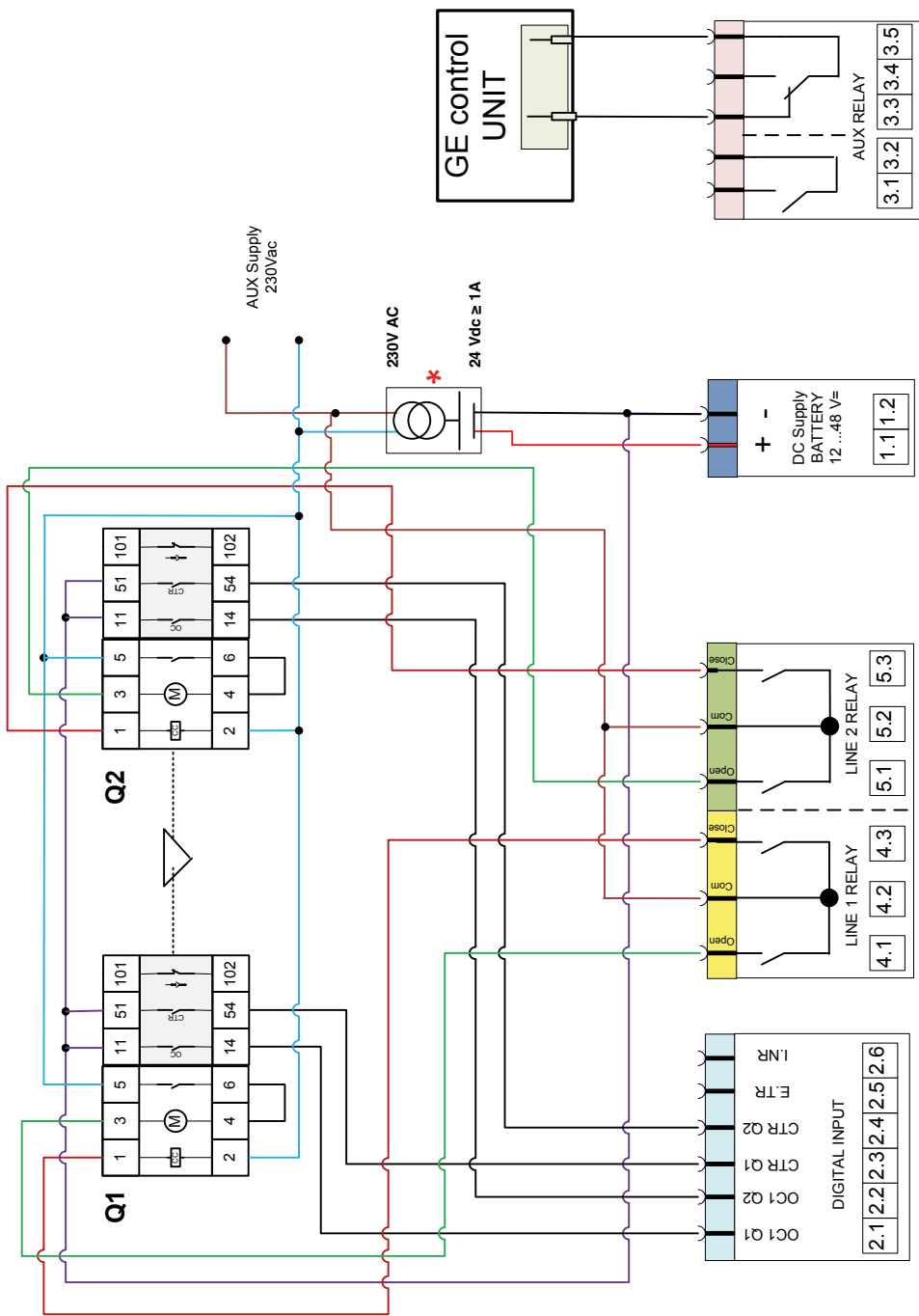
|             |                      |
|-------------|----------------------|
| Description | DPX 630 + ST 230 VAC |
| ID scheme   | D_80_P02_230_ST_UG   |
| Date        | 28/04/2016           |
| Rv          | 1.0                  |



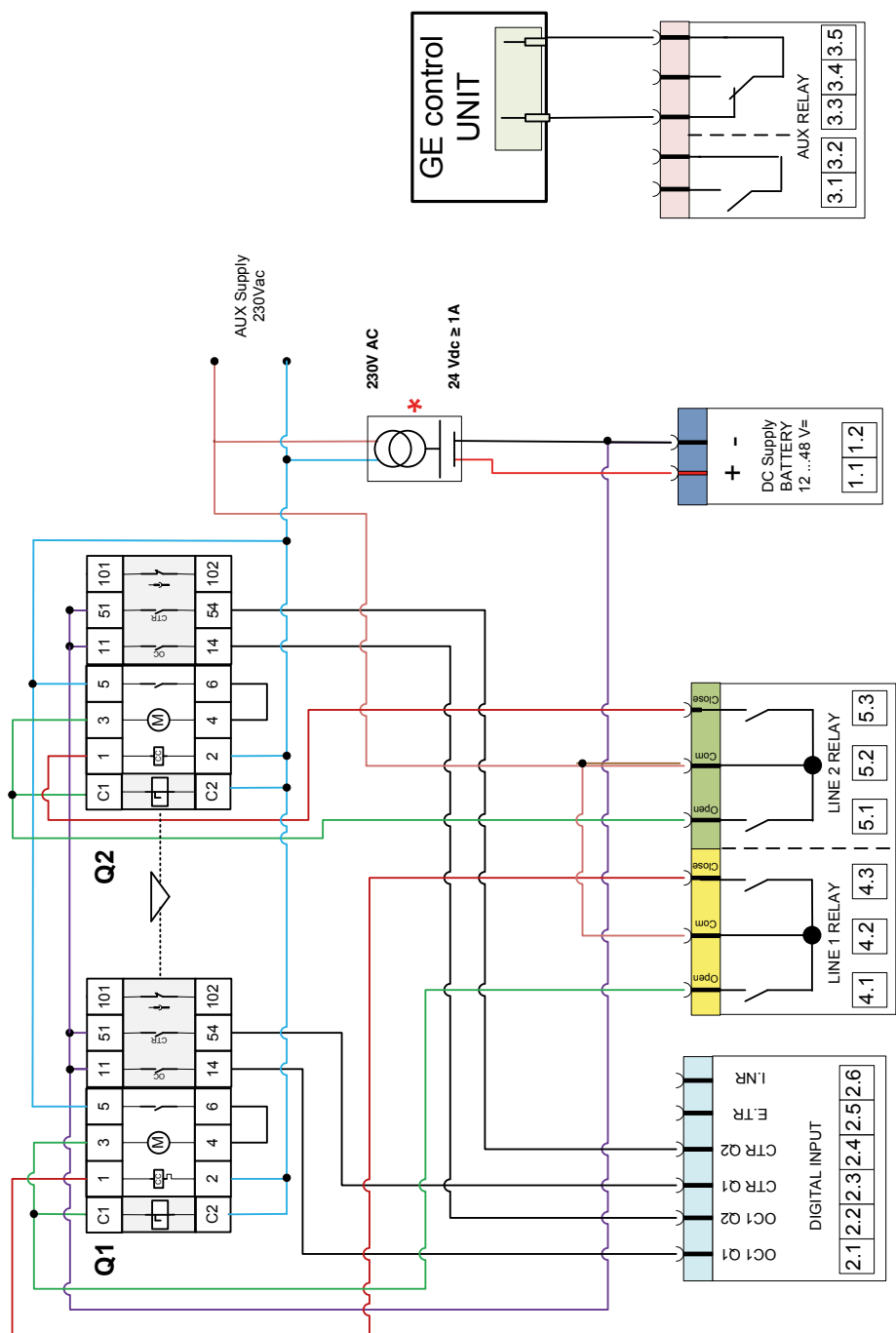
|             |                                           |
|-------------|-------------------------------------------|
| Description | DPX <sup>3</sup> 1600 direct + ST 230 VAC |
| ID scheme   | D_80_P03_230_ST_UG                        |
| Date        | 28/04/2016                                |
| Rv          | 1.0                                       |



|             |                                             |
|-------------|---------------------------------------------|
| Description | DPX <sup>3</sup> 1600 Direct Motor operator |
| ID scheme   | D_80_P03_230_NC_UG                          |
| Date        | 28/04/2016                                  |
| Rv          | 1.0                                         |

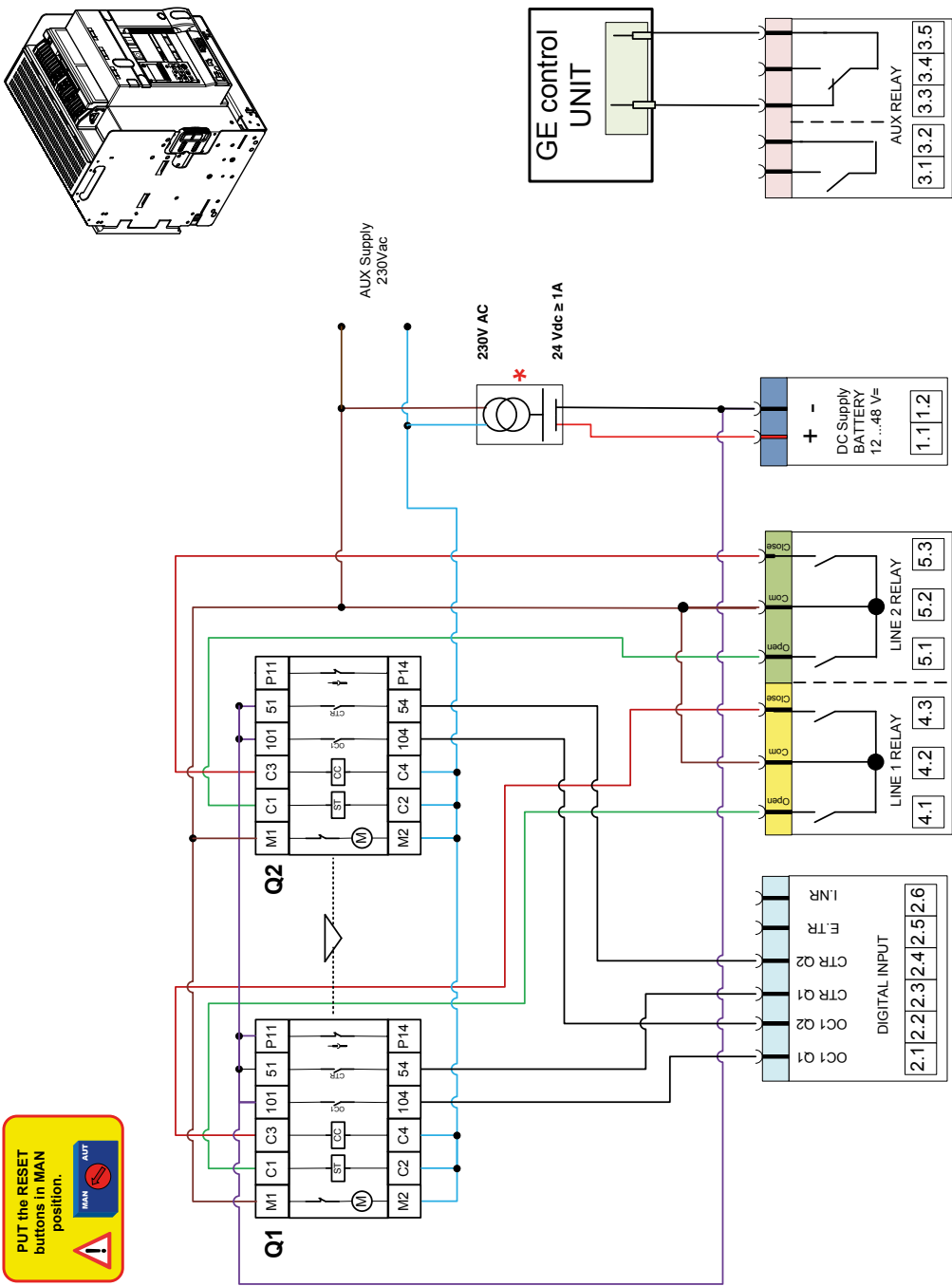


|             |                                 |
|-------------|---------------------------------|
| Description | DPX <sup>3</sup> 1600 F 230 VAC |
| ID scheme   | D_80_P04_230_NC_UG_F            |
| Date        | 28/04/2016                      |
| Rv          | 1.0                             |

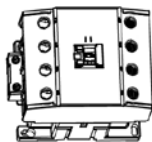


|             |                                 |
|-------------|---------------------------------|
| Description | DPX <sup>3</sup> 1600 F 230 VAC |
| ID scheme   | D_80_P04_230_ST_UG_F            |
| Date        | 28/04/2016                      |
| Rv          | 1.0                             |

Automatic transfer switch  
4 226 80



|             |                                |
|-------------|--------------------------------|
| Description | DMX <sup>3</sup> with feedback |
| ID scheme   | D_80_X01_230_ST                |
| Date        | 26/02/2016                     |
| Rv          | 2                              |



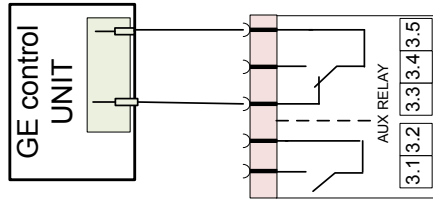
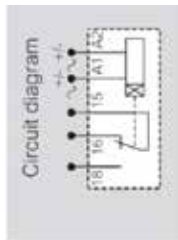
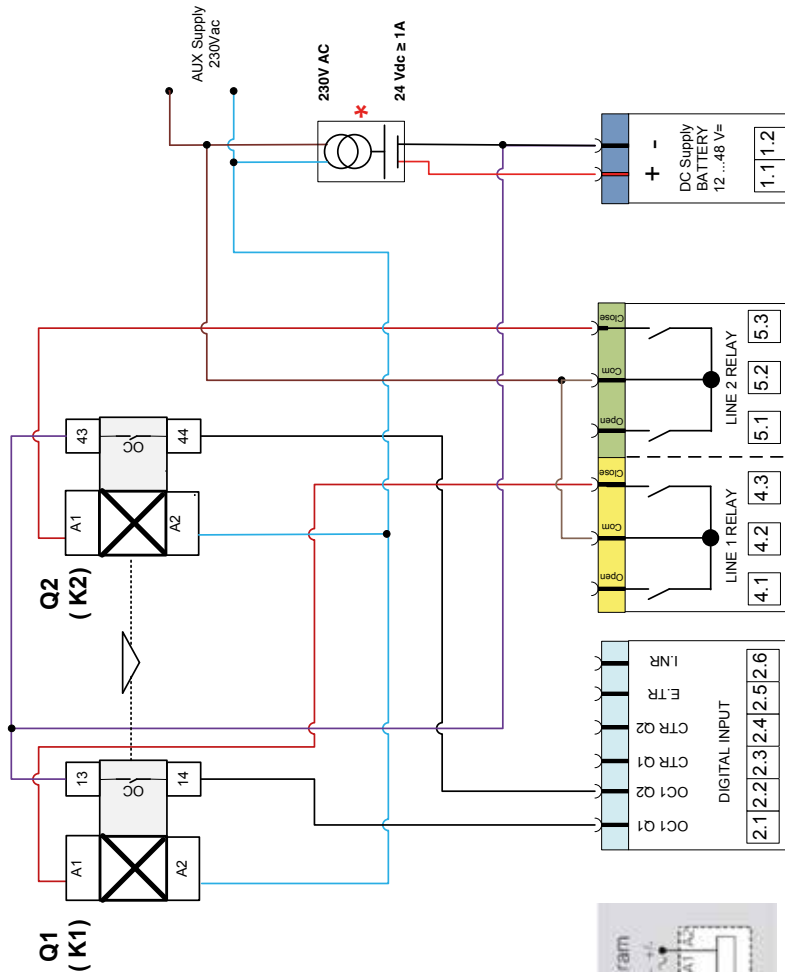
**CONTROL OF CONTACTORS**

- If a pair of contactors is used two outputs  
4.3 ( K1 closing command )  
5.3 ( K2 closing command )
- feedback inputs are required  
2.1 ( K1 / contact OC 13 – 14 )  
2.2 ( K2 / contact OC 43 – 44 )
- In this case, the command must be programmed in contactor mode (P2.07 = CNT)

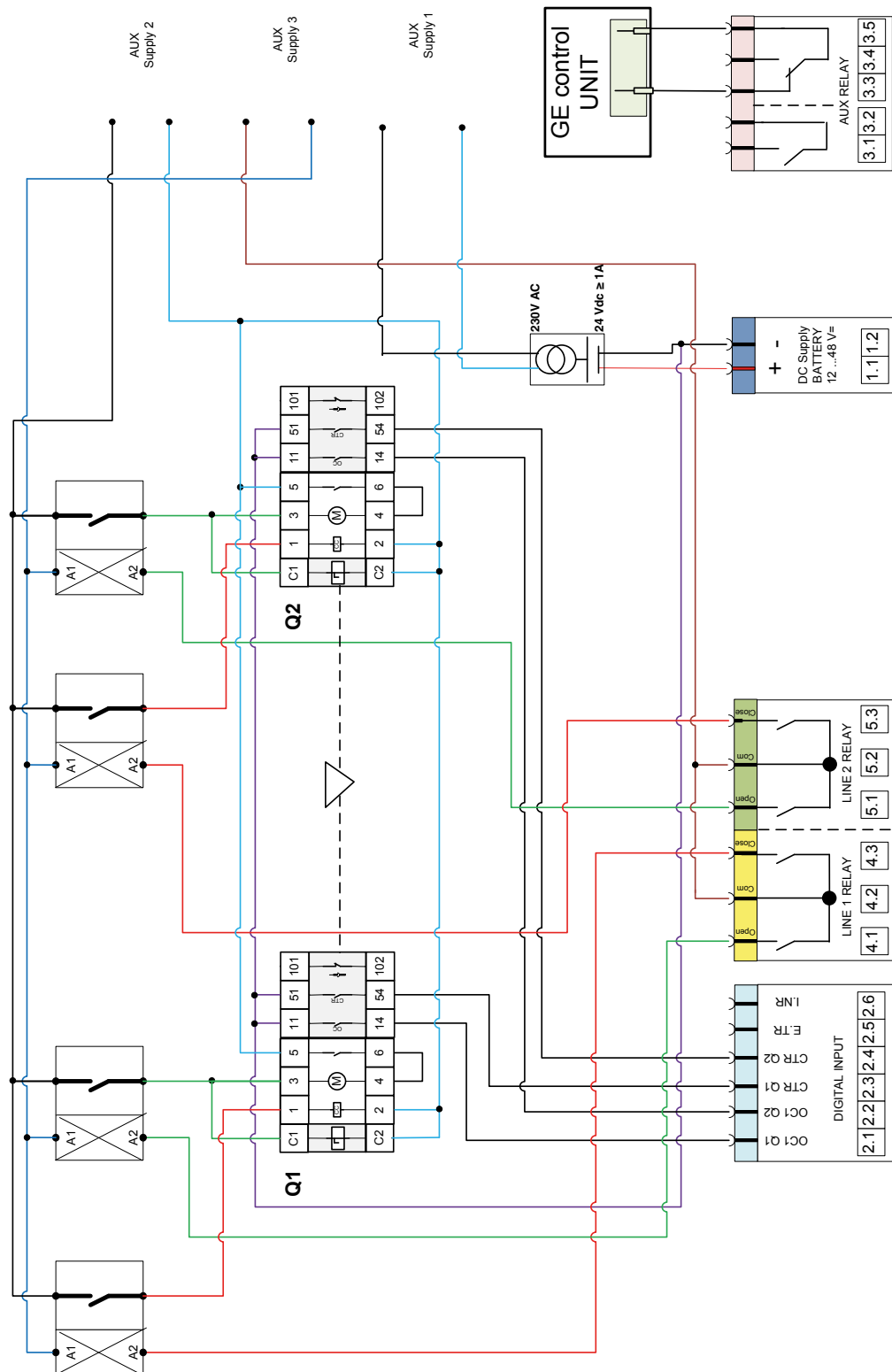


**COMMANDE CONTACTEURS**

- Inverseur de sources avec contacteurs, utilisation deux sorties  
4.3 ( K1 Commande de fermeture )  
5.3 ( K2 Commande de fermeture )
- Feedback Entrées programmables requises  
2.1 ( K1 / contact NO (OC) 13 – 14 )  
2.2 ( K2 / contact NO (OC) 43 – 44 )
- Dans ce cas, le paramètre de commande contacteur doit être modifié Mode (P2.07 = CNT)



|             |                                   |
|-------------|-----------------------------------|
| Description | DMX <sup>3</sup> with feedback    |
| ID scheme   | D_80_T00_230_UG ÷ D_80_T08_230_UG |
| Date        | 29/05/2015                        |
| Rv          | 0                                 |



|                    |                                                               |
|--------------------|---------------------------------------------------------------|
| <b>Description</b> | DPX <sup>3</sup> 630 + ext relé all voltage or Dc application |
| <b>ID scheme</b>   | D_80_P02_230_ST_UG                                            |
| <b>Date</b>        | 28/04/2016                                                    |
| <b>Rv</b>          | 1.0                                                           |

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Installer stamp