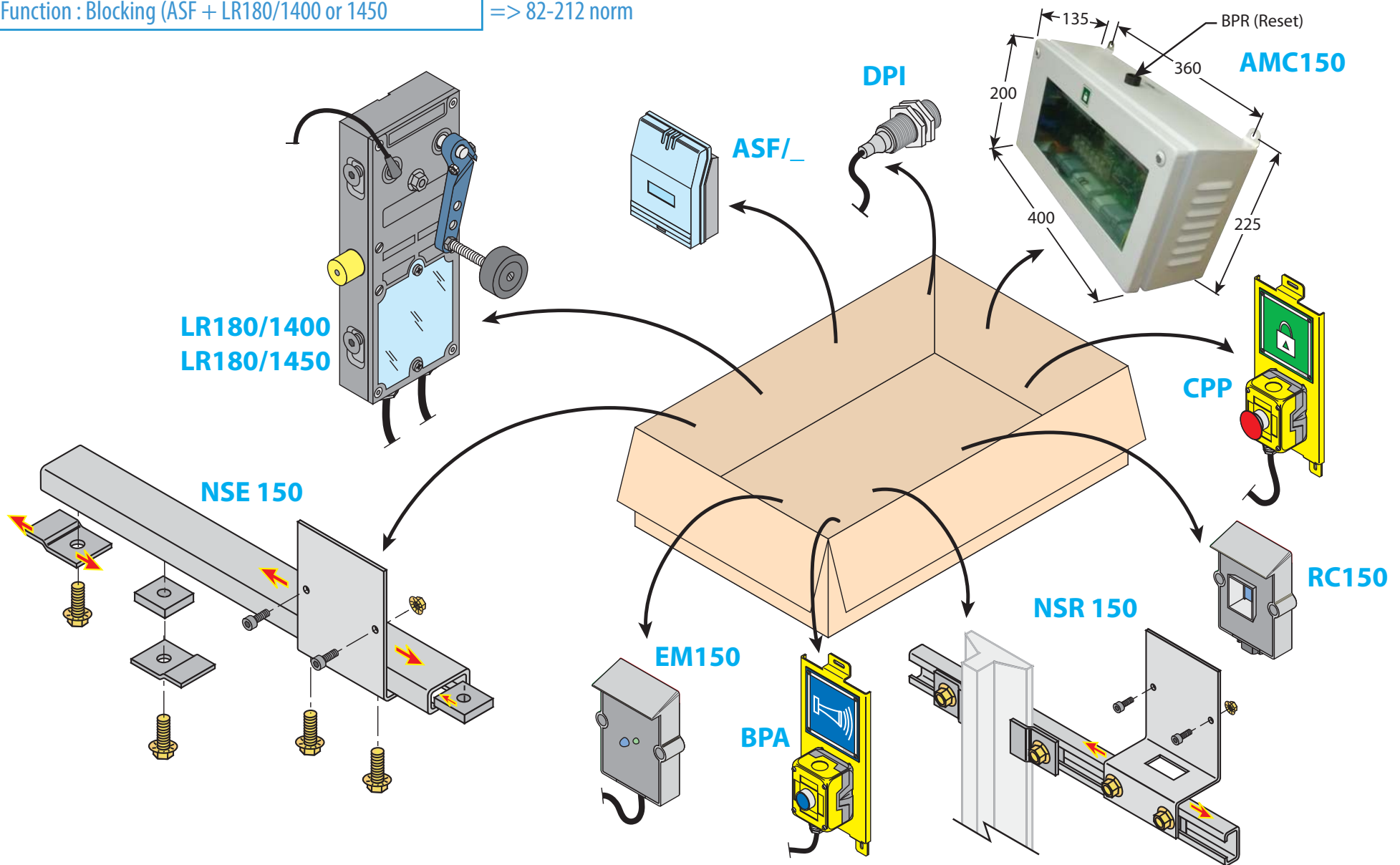


Function : Alarm + Blocking (ASF + LR180/1400 or 1450)

=> Law UeH

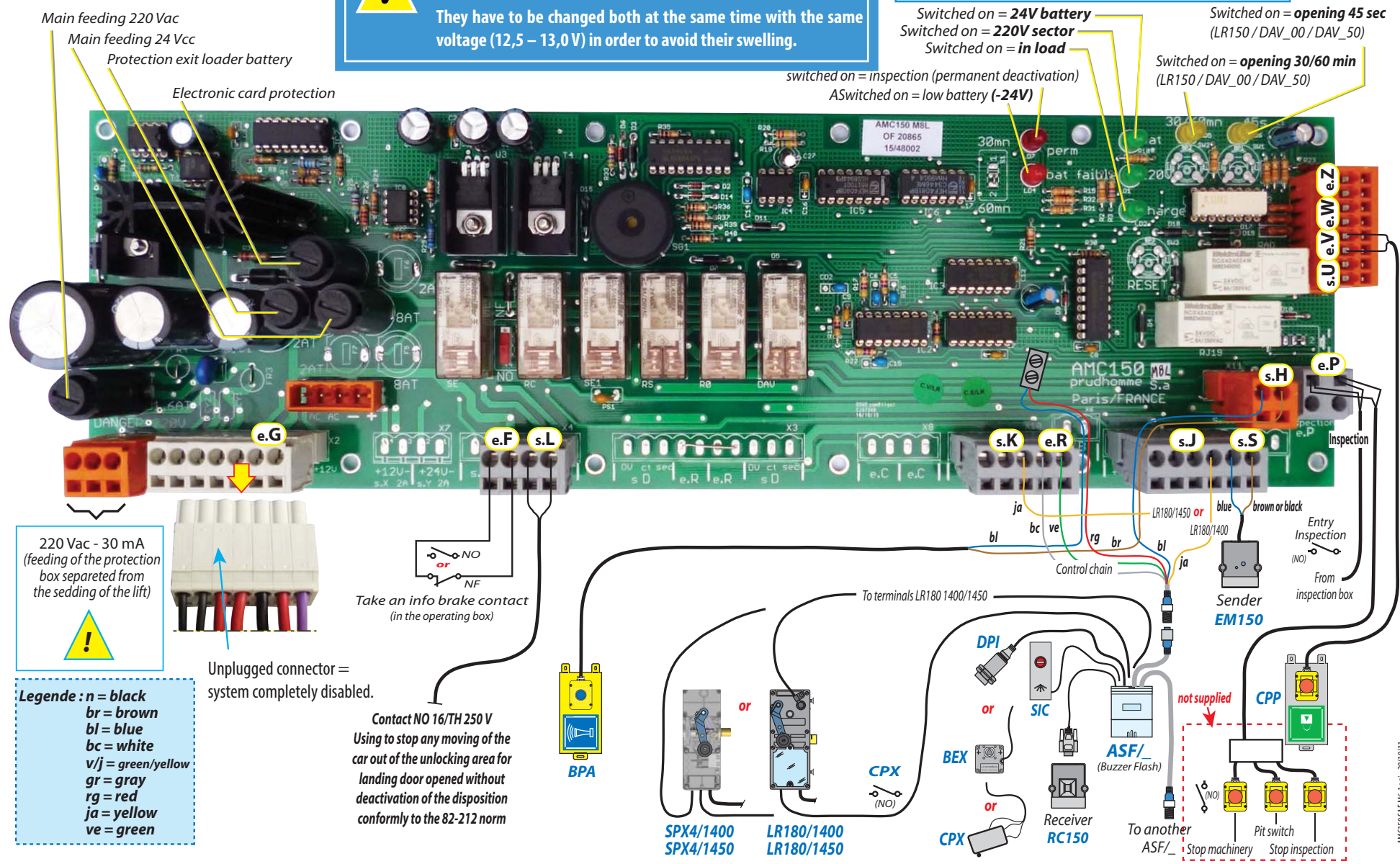
Function : Blocking (ASF + LR180/1400 or 1450)

=> 82-212 norm



! Batteries have to be changed every 3 years with the same type (12V/7Ah leas waterproof). They have to be changed both at the same time with the same voltage (12,5 – 13,0 V) in order to avoid their swelling.

Alarm + Blocking (ASF + LR180/1400 or 1450) => Law UeH
 Blocking (ASF + LR180/1400 or 1450) => 82-212 norm



220 Vac - 30 mA
 (feeding of the protection box separated from the seeding of the lift)

!

Legende : n = black
 br = brown
 bl = blue
 bc = white
 v/j = green/yellow
 gr = gray
 rg = red
 ja = yellow
 ve = green

Unplugged connector = system completely disabled.

Take an info brake contact (in the operating box)

Contact NO 16/TH 250 V
 Using to stop any moving of the car out of the unlocking area for landing door opened without deactivation of the disposition conformly to the 82-212 norm

Switched on = 24V battery
 Switched on = 220V sector
 Switched on = in load
 Switched on = opening 45 sec (LR150 / DAV_00 / DAV_50)
 Switched on = opening 30/60 min (LR150 / DAV_00 / DAV_50)
 switched on = inspection (permanent deactivation)
 ASwitched on = low battery (-24V)

Function : Alarm + Blocking (ASF + LR180/1400 or 1450) => Law UeH

Function : Blocking (ASF + LR180/1400 or 1450) => 82-212 norm

prudhomme S.a thanks you for choosing products from its « System lock » device to equip your installation. Before any activation, please make then check the following connections

Equipment installed :

AMC150/M_ + LR180/1400 ou 1450 + ASF + DPI + BPA + CPP + EM150 + RC150 + NSE150 and NSR150

Installing :

- Install the LR180 lock according to the installation instruction provided.
- Install the fixation kit NSE150 (transmitter support) on the roof of the cab, fix the emitter on its support and adjust the distance. The transmitter has to be placed at a distance of 30 to 50 cm of the receptor
- Install the fixation kit NSR150 (receptor support) on the guide and fix the receptor on it. If you have round guides, place the NSR150 kit directly on the wall then fix the receptor "RC150" on its support (sliding rail).
- Install the ASF support on the wall then insert the ASF box into it.

! We remind you that for security purpose, the norm demands the ASF box to be fixed (in the shaft) on the opposite wall of the free way or on the opposite wall of the lock.

- Install the DPI kit (open door detector) according to the installation instruction delivered with the material. The head of sensor of the DPI has to be at a maximum distance of 7mm according to the door.

- Put the CPP (firemen stop button) the BPA (alarm stop button) by the AMC box in the machinery.

Connecting :

Your feeding module AMC150/M is supplied prewired with the fire alarm "CPP" button (entry V), the "BPA" alarm stop button. Before activating contact, please fasten the other elements as shown on the diagram.

In the shaft :

- | |
|--|
| ① - Connect the ASF boxes with each other (4 meter cable of or 8 meter cables if you have double floor or even and odd floors) |
| ② - Connect each DPI (connector with 3 orange dots on "opening door") in its respective ASF. |
| ③ - Connect the contact of the lock "CPX" with its respective ASF (connector 2 green terminal on the "DAV/1400 contact"). |

- | |
|---|
| ④ - If it is a LR180/1400, connect the anti-unlocking of the lock in its respective ASF (connector 3 green terminals on "lock 1400/1450") the 2 left terminals.
- If it is a LR180/1450, connect the anti-unlocking of the lock in its respective ASF (connector 3 black terminal on the "lock 1400/1450" (the 2 right borns). |
| ⑤ - If you have an alarm on the floor (SIC) which means "alarm + blocking", connect this one to the "deported Flash" (Connector 3 green point). |
| ⑥ - Connect the 2 flat wire cables. |

! Given that for the emitter and the ASF, works with lower power, you have to separate the circuits with high power and the circuits with low power to avoid static.

In machinery :

- | |
|---|
| ⑦ - Unplug the connectors "x1" and "x2" if they were plugged. |
| ⑧ - From your controller , put bracking signal into the AMC (contact NO or NIF on the F input). |
| ⑨ - From the roof of the cab, put an inspection signal into the AMC150 (NO contact on the P input). |
| ⑩ - Connect the control chain of the AMC (output L) in series in the controller after the locking. |
| ⑪ - Connect the ASF to the power supply (9 meters extension from the last ASF to the AMC150 : blue connector) |
| ⑫ - Connect the transmitter to the 2 flat wire cables (free of power supply). |
| ⑬ - Plug the connector back "x2" then the connector "x1" (220ac). |

Activating :

When releasing the power, the AMC will bip. That is normal, it is initialising. The leds LD1 (mains), LD2 (battery charger) and LD3 (24V battery) are on.

- If you install a LR180/1400 (blocked on power) when releasing the power, the locks are blocked. Therefore, it is impossible to unlock them with a triangular key.

- If you install a LR180/1450 (blocked off power) when releasing the power the locks remain blocked. Therefore, it is impossible to unlock the triangular key.

Notice : Regarding the locks in 1450 (blocked power off) we recommend that you install all the electric part before you install the locks.

Function : Alarm + Blocking (ASF + LR180/1400 or 1450) => Law UeH

Function : Blocking (ASF + LR180/1400 or 1450) => 82-212 norm

Activating, (continuation)

Blocking part (by lock 1400 or 1450) :

When switching on, the locks that are supplied by the ASF box in the shaft are blocked. The receptor is also supplied with power. When they call from the floor, the lift lands at the floor and the brake information ("info frein") is given and supply the emitter with power. The latest signals to the receptor the landing of the cab on the floor and the receptor allows the unlocking of the lock.

The alarm part:

Like for the blocking part, when switching on, the ASF in the shaft is supplied and supplies at the same time the receptor. When they call the cab, the lift lands on the floor and the information came mobile is given and supplies the transmitter. This one signals to the receptor the arrival of the cab at the floor and cut the alarm to enable the door to open.

Functioning of the backup system (batteries)

During a power cut, the system automatically goes on emergency functioning (batteries). The box AMC150 will bip every 15 seconds to signal that the installation is in emergency functioning. The spare batteries have an autonomy of two hours minimum, therefore the installation can continue to work after a power cut during two hours. The batteries can be solicited up to 24v. Under that 24V limit the box will make a bip to signal that the batteries are low.

Alarm functioning

The alarm system "ASF" has 2 possible ways of setting it : "All or nothing" and "self maintenance". If while the alarm is ringing, you close the door, the alarm stops ringing, this is the "all or nothing" setting. If while the alarm is ringing, you close the door, the alarm keeps on ringing, this the "self maintenance" setting. In this case, you will have to go to the engine room and press the BPA button (stop emergency alarm).

You want to make an intervention on the installation

For an intervention under 30min push the CPP button. This action will enable you to unlock the anti-locking module of the installation.

At this moment, you will be able to insert your triangular key and unlock. If you wanted to reactivate the system before the end of the 30min, push the "BPR" button (Reset).

For an over 30 min intervention, shift to "inspection mode" after making a connection as described (in point 3). In that case the system will remain unlocked during the whole inspection.

At the end of your intervention, shift to "regular mode" to reactivate the system.

At the shifting to "regular mode", you have 45 seconds to shut the landing door. Then the system will reactivate automati-



When switching to the normal mode, it is likely that after 45seconds, the alarms goes off whereas the lift is at the floor. To stop the alarm, make a floor call or a (sending car) then push the "reset" button or push the alarm button "BPA".