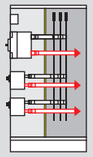
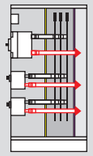
Forms 2a to 4b for XL³ 4000 and 6300

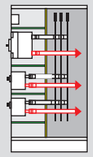
Definitions (standard EN 60439-1)



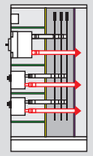
Form 2a
Separation of the busbars from the functional units
The terminals for external conductors do not need to be separated from the busbars



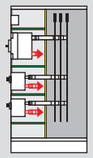
Form 2b
Separation of the busbars from the functional units
The terminals for external conductors are separated from the busbars



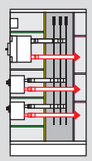
Form 3a
Separation of the busbars from the functional units, separation of the terminals for external conductors from the functional units and separation of all the functional units from one another
The terminals for external conductors do not need to be separated from the busbars



Form 3b
Separation of the busbars from the functional units and separation of all the functional units from one another
Separation of the terminals for external conductors from the functional units but not from each other
The terminals for external conductors do not need to be separated from the busbars



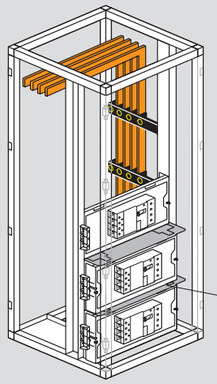
Form 4a
Separation of the busbars and the functional units and separation of all the functional units from one another, including the terminals for external conductors which are an integral part of the functional unit The terminals for external conductors are in the same compartment as the functional unit
The terminals for external conductors are separated from the busbars



Form 4b
Separation of the busbars and the functional units and separation of all the functional units from one another, including the terminals for external conductors
The terminals for external conductors are not in the same compartment as the functional unit, but in individual, separate compartments

Rear terminals construction

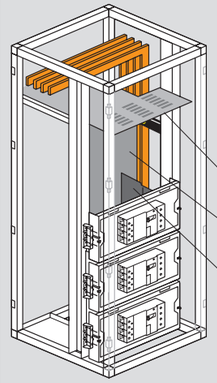
Form 2a



Form 2a is simply obtained by using adjustable horizontal plates
DPX must have rear terminals
The busbar must be installed behind the functional uprights
If the addition of further equipment in the enclosure is required, use solid plates
When there is a gap between 2 plates, horizontal divider Cat. Nos 0 208 92 or 0 205 92 must be used to prevent any contact with the rear busbar

Horizontal partitioning
Cat.No 0 208 92 or Cat.No 0 205 92
to fill the space between the plates

Forme 2b



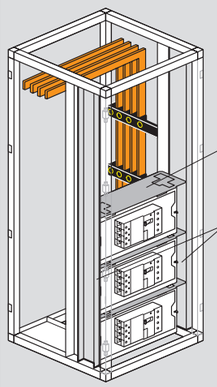
Separation of the busbars from the functional units
The terminals for external conductors are separated from the busbars
The vertical busbar is placed behind the functional uprights
The devices must be horizontal and with rear terminal connection

Horizontal busbar partitioning
Cat.No 0 208 93/94

Horizontal rear busbars partitioning
Cat.No 0 208 84/85

Divider for rear terminals
Cat.No 0 208 77/78/79

Form 3a

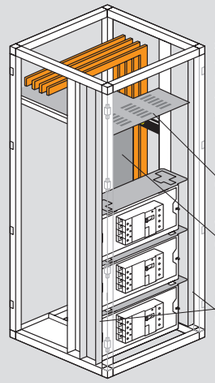


Form 3a is obtained from form 2a by adding horizontal dividers
Cat.No 0 208 92 or Cat.No 0 205 92
and front panel total dividers
Cat.No 0 208 90

Horizontal partitioning
Cat.No 0 208 92 or Cat.No 0 205 92

Front panel side partitioning Cat.No 0 208 90

Form 3b



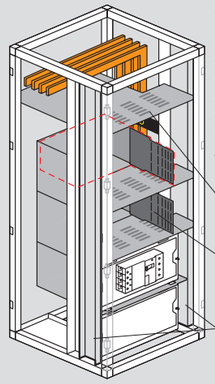
For form 3b partitioning, it is advisable to start with form 2b and add:
- Horizontal dividers between the functional units
- Side partitions either side of the functional units

Horizontal busbar partitioning
Cat.No 0 208 93/94

Vertical rear busbars partitioning
Cat.No 0 208 84/85

Front panel side partitioning
Cat.No 0 208 68

Form 4b



Connection on the rear terminals is obtained by using:
- Closing partitions for busbars (vertical and horizontal)
- Closing partitions for devices (horizontal and with rear terminals)
- Closing partitions for output terminals
- Closing partitions between cells that are joined together

Horizontal busbar partitioning
Cat.No 0 208 94

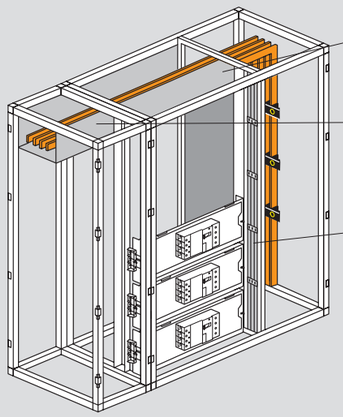
DPX compartment kit
Cat.No 0 208 87/88/89

Front panel side partitioning
Cat.No 0 208 68

Front terminals construction

Form 2b

The vertical busbar is positioned in a cable sleeve then separated from the functional units using a vertical separation kit between the enclosure and the cable sleeve (the cables and flexible bars can be fed through the front part)
Use an L-shaped or U-shaped separation kit for the horizontal busbars
These kits consist of a rear part (height 200 or 300 mm) and a horizontal divider across the whole of the usable depth



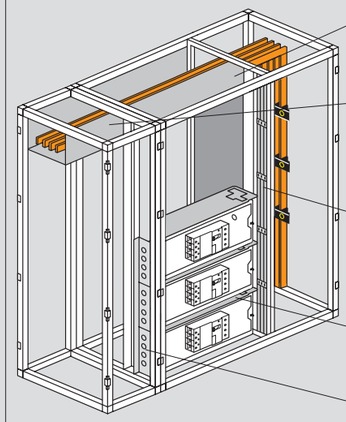
Separation kit for horizontal busbars in enclosure
Cat.Nos 0 205 36/37/38/39

U-shaped separation kit for horizontal busbars in external cable sleeves
Cat.Nos 0 208 73/74/75/86

Vertical separation kit between enclosure or internal/external cable sleeves
Cat.Nos 0 205 33/34/35

Forms 3b, 4a

For form 3b partitioning, it is advisable to start with form 2b and add:
1 - Horizontal dividers between the functional units
2 - Side partitions on either side of the functional units
In 4a form, the outgoing connections must be made within the functional units
Note: When connecting via front terminals, the incoming terminals must be fitted with terminal shield MCBs



Separation kit for horizontal busbars in enclosure
Cat.Nos 0 205 36/37/38/39

U-shaped separation kit for horizontal busbars in external cable sleeves
Cat.Nos 0 208 73/74/75/86

Vertical separation kit between enclosure or internal/external cable sleeves
Cat.Nos 0 205 33/34/35

Horizontal partitioning
Cat.No 0 208 92 or
Cat.No 0 205 92

Side partitions with end pieces
Cat.No 0 205 97/98/99