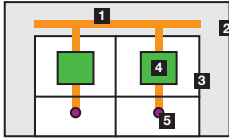


Forms of Separation

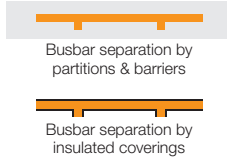
Key

Overview of the Forms of Separation

Key:



- 1 Busbar
- 2 Enclosure
- 3 Internal separations
- 4 Functional unit
- 5 Terminal for External Conductor



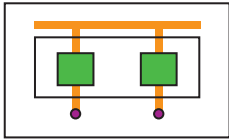
Notes: Forms of Separation can be achieved by using...

- (i) Partitions/Barriers of Metallic or Non-Metallic material
- (ii) The integral housing of the device

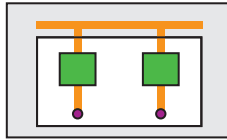
All diagrams from figures AA 1, 2 & 3 from Annex AA.
Text from UK National Annex. Both from BS EN 61439-2

Form 2

Form 2a



Form 2b Type 2



Form 2

Functional unit separate from the busbars

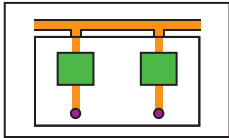
The 'a' designation denotes Terminals are not separate from the busbar

The 'b' designation denotes Terminals are separate from the busbar

Type 1 utilises insulated coverings for busbar separation

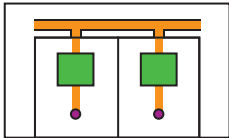
Type 2 utilises insulated partitions and barriers for busbar separation

Form 2b Type 1

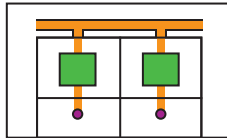


Form 4

Form 4a Type 1



Form 4b Type 4



Form 4

As Form 3 plus

Terminals for external conductors separate each other

The 'a' designation denotes Terminals within the functional unit

The 'b' designation denotes terminals for external conductors are in a separate compartment to the functional unit

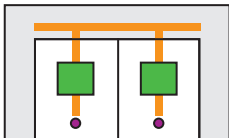
Types 1 & 4 utilise insulated coverings for busbar separation

Types 2, 3, 5, 6 & 7 utilise partitions and barriers for busbar separation

Types 3 & 7 feature integral glanding

Type 5 utilises insulated coverings for terminals for external conductors

Form 4a Type 2 & Type 3



Form 4b Type 5, Type 6 & Type 7

