

Create Symbol

1. Select the kind of symbol.
2. Select the unit **[pt]** for schematic symbols or the unit **[mm]** and the suitable yardstick for components true to scale.
3. Drawing the symbol.
4. Complete the symbol over the menu "Insert" with the desired symbol text fields.
5. Define over "Article data..." the possible article types to the symbol.

Kind of symbol (brief description)

Graphic

The „Graphic“ has neither a characteristic still another function. It can serve however as supplement for other symbols.

Examples: Company logo, control element of switch etc..

Switchgear

When „Switchgear“ all normal devices become defined, which do not have additional characteristics. In special cases the "designation" can be omitted.

In special cases, like e.g. a neutral leader disconnecting switch, „designation“ can be omitted. The „kind of designation“, suitably the switchgear, must be defined however in each case!

Alias Switchgear

„Alias Switchgear“ represents the switchgear in the schematic in other place, e.g. in the in the graphic terminal diagram, again. With the "designation" to the original switchgear is referred.

Addition Switchgear

„Addition Switchgear“ is a supplement of the switchgear. With the "designation" to the main switchgear is referred.

Contact Switchgear

To the „Contact Switchgear“ a pin assignment with „cross references“ can be defined. With the auxiliary contact block the "designation" can be omitted.

Examples: Relay, contactor, circuit-breaker etc..

With the auxiliary contact block the „designation“ can be omitted. The „kind of designation“, suitably the contact switchgear, must be defined however in each case! The auxiliary contact block is assigned to the contact switchgear automatically in the design.

Contact

The „Contact” is some of the contact switchgear. With the „designation” to the appropriate contact switchgear one refers. The „type of contact” is used for the entry into the pin assignment.

PLC I/O Module

The „PLC I/O Module” represents the device without the in or outputs. The in or outputs is represented with the „PLC Input/Output” symbols.

PLC Input/Output

With the symbol „PLC Input/Output” are represented the in or outputs of the I/O module. The field „denotation” is used for the I/O number.

PLC Switching Element

With the „PLC Switching element” is referred to a I/O module. For the appropriate I/O number the field „denotation” is used.

Terminal

As „Terminal” defined symbols are listed in the terminal diagram. Per terminal block a „designation” is sufficient. For the terminal number the field „connection” is used. Per symbol only one terminal is admissible!

Alias Terminal

„Alias Terminal” again represents the terminal e.g. in the graphic terminal diagram. With the „designation” to the original terminal is referred.

Cable

As „Cable” defined symbols serve only as conductor designations and as cables are summarized. Per cable a „designation” is sufficient. For the conductor designation the field „connection” is used.

Alias Cable

„Alias Cable” again represents the conductor designation e.g. in the graphic terminal diagram. With the „designation” to the original cable is referred.

Conducteur number

With „Conductor number” internal connections can be numbered. For the number is used the field „connection with text”.

Alias Conducteur number

With „Alias Conductor number” the same conductor number in other place is again represented. For the number is used the field „connection with text”.

Termination point extern

The „Termination points extern” is for external connecting notes e.g. inlets and foreign links. It must contain an „designation”.

Termination point intern

The „Termination point intern” > „Reference manually” is for internal connecting

notes. For the unique the field „denotation” can be used as identifier or also only the „reference position”.

The „Termination point intern” > „Reference backwards” or „Reference forward” are internal for sequential, page connecting references. In the field „reference position” is referred automatically to the next termination point. With the field „designation” can be e.g. referred to the origin protection.

Switchbox [Pro]

With the kind of symbol „switchbox” is defined a switchbox. The „Mounting rails” and „Electrical conduits” are selected over the menu „Insert”. Use the unit [mm] and the desired scale.

Symbols in the switchbox to be installed

For the diagram of the operational funds own symbols, defined as „Graphic”, can be provided. Use the unit [mm] and the desired scale. In the switchbox these symbols are represented to the defined size in the item stock in accordance with. That is, for different sizes a symbol is sufficient. The symbol number is indicated in the window „Articles List” in the column „Symbol”.

Symbols on the door by the switchgear cabinet to be installed

Operational funds like e.g. switches and signal lamps, which are installed onto the door by the switchgear cabinet, can be likewise defined as „Graphic” or as „Alias Switchgear” with the field „designation”. With the „designation” to the original switchgear is referred. Use the unit [mm] and the desired scale.