

Low voltage distribution UE20



UE20-2500

Description

The metal capsuled low voltage switchboard equipment UE20 can be used universally in energy supply networks for industrial applications.

The switchboard UE20 conforms with the present norm DIN EN 60439-1 (VDE 0660 part 500): 2005-01 type-tested and thus meets the requirements for safe and reliable use.

Because of the modular system a delivery of individual fields or as switch board can be realized, whereby the equipment, the sequence of fields etc. can be specifically selected.

Technical data

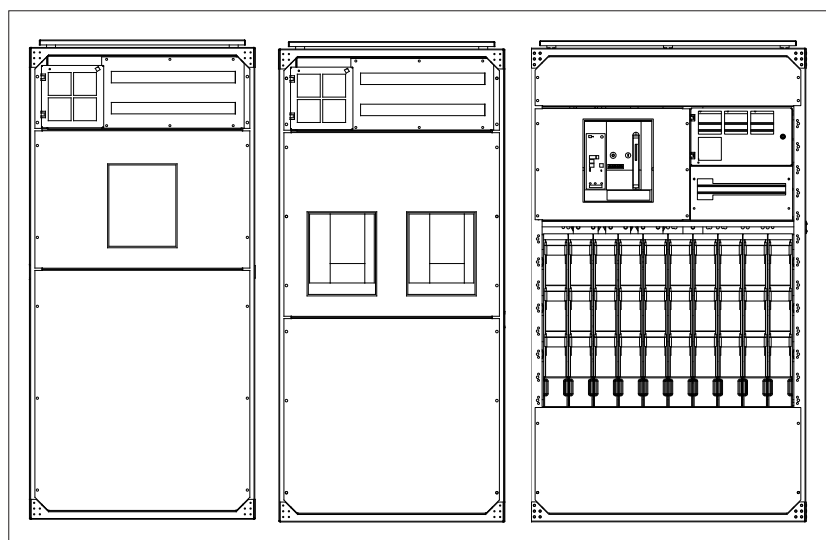
Rated insulation voltage	U_i	1000 V
Rated operating voltage	U_e	400 V
Rated surge voltage	U_{imp}	8 kV
Rated frequency	f_r	50 Hz
Rated short term current	I_{cw}	bis 65 kA (1 s)
Rated surge voltage	I_{pk}	bis 143 kA
Horizontal busbar		bis 4000 A
Vertical busbar		bis 3200 A
Height (without roof)	mm	1900
Width	mm	600–1100
Depth	mm	500
Degree of protection		IP20

Field type

Input-/tailing fields	Feldbreite
One power switch up to 1600 A	500 mm
One power switch up to 3200 A	600 mm
One power switch 4000 A	910 mm
One load break switch up to 3200 A	910 mm
Coupler	
One power switch up to 1600 A	500 mm
One power switch up to 3200 A	710 mm
One load break switch up to 3200 A	600 mm
Tailing fields	
6 NH-strips size 1–3	710 mm
8 NH-strips size 1–3	910 mm
10 NH-strips size 1–3	1110 mm
10 power switches up to 630 A	1110 mm
Combi fields	
Input: Power switch up to 4000A	1100 mm
Tailings: 10 NH-Strips size 1-3	

Options

- Voltage and current measurement
- Security check
- Transforming fishing plates
- Fixed ball points
- Input from top/behind (depth 710 mm)
- Control functions at power switches (automatic changeover, locking etc.)

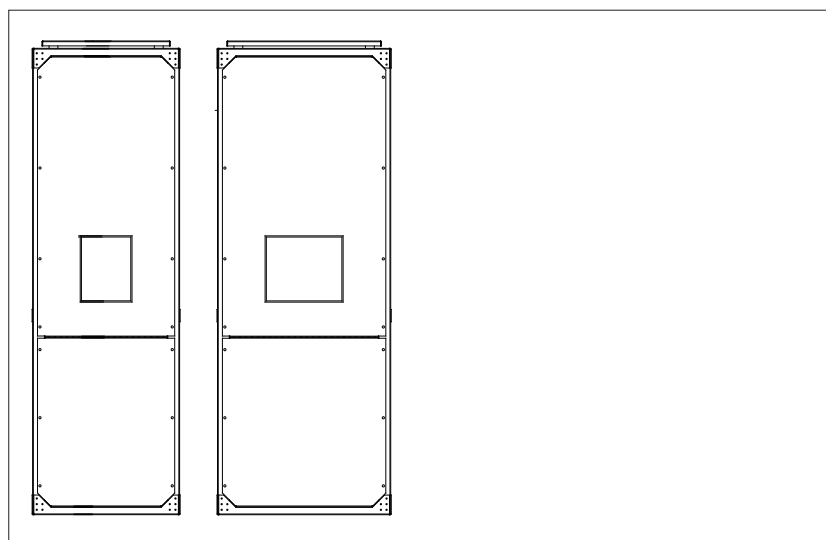


Input-/tailing fields

- One power switch up to 3200 A ratings H/B/T: 1900/600/500
- One power switch 4000 A ratings H/B/T: 1900/910/500
- Two power switches up to 1600 A ratings H/B/T: 1900/910/500
- Fixed installation-/plug-in technology
- Standard version: Siemens 3WL other versions possible upon request

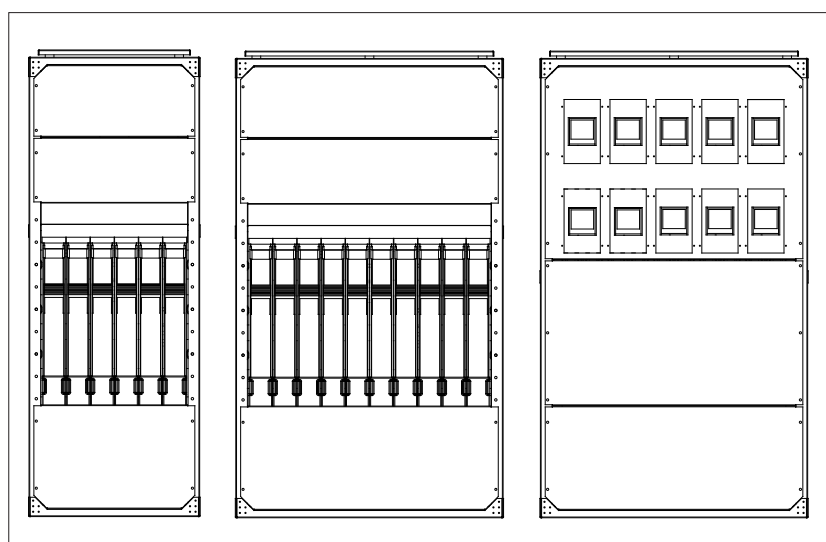
Combi-fields

- Input: power switch up to 4000 A
- Tailings: 10 NH-strips size 1-3



Coupling fields

- One load break switch up to 3200 A ratings H/B/T: 1900/600/500
- Standard version: Socomec Sirco other versions possible upon request
- One power switch up to 3200 A ratings H/B/T: 1900/710/500
- Standard version: Siemens 3WL other versions possible upon request



Tailings fields

- 6 NH-Security or switch disconnecter-fuse size 1-3 ratings H/B/T: 1900/710/500
- 8 NH-Security or switch disconnecter-fuse size 1-3 ratings H/B/T: 1900/910/500
- 10 NH-Security or switch disconnecter-fuse size 1-3 ratings H/B/T: 1900/1110/500
- Standard version: EFEN Other versions possible upon request
- 10 Power switches up to 630 A Ratings H/B/T: 1900/1110/500
- Standard version: Siemens 3VL other version possible upon request