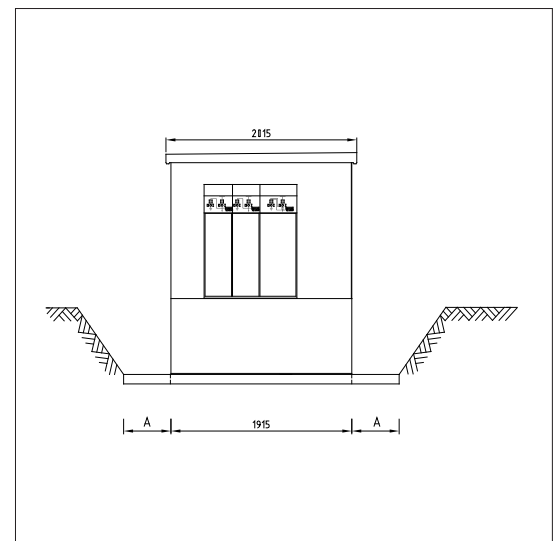
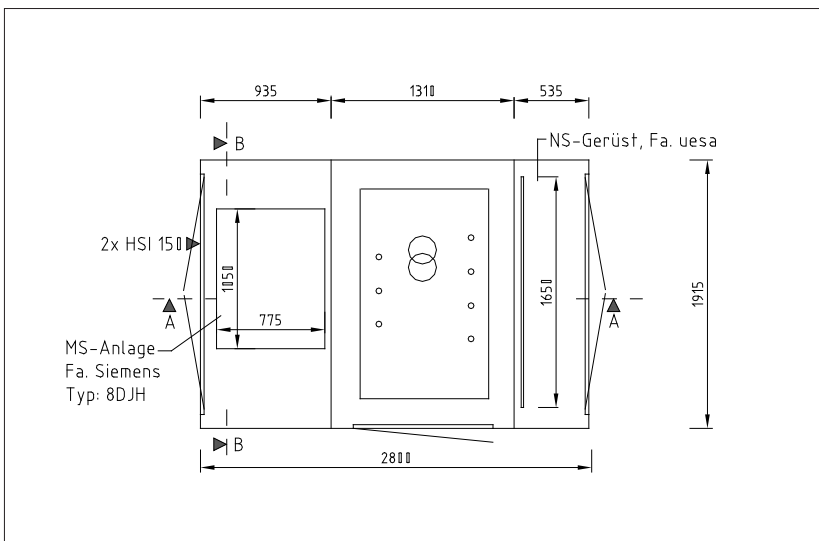
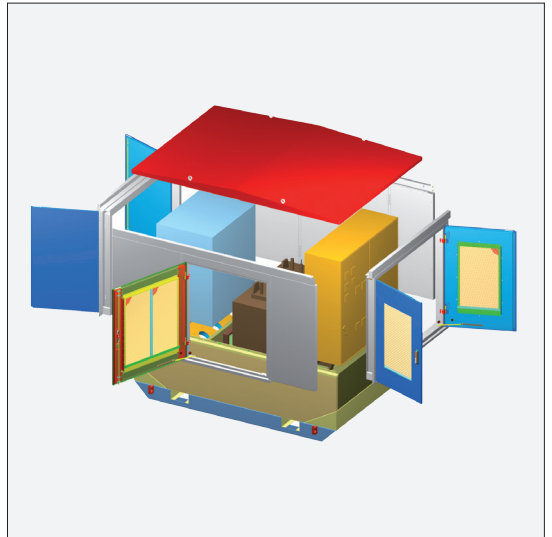


# Transformer stations compact, not accessible of metal · Type US19/28



Grid or customer station with reinforced concrete cellar element



## Use

- Modular construction allows multiple uses, use as construction site power station (with runners), as network and customer station for permanent use (dug-in) as well as network load station for use in the immediate environment of electricity users, as alternative to electric operations rooms.

## Construction

- Housing: robust complete-steel version, hot-dip galvanized, powder coated, individually tested
- Cellar element: of reinforced concrete – strength class C30/C37, alternative: cellar element of sheet steel – hot-dip galvanized, powder coated
- Segment medium and low voltage with water tight cable feedthroughs
- Doors and air grid of steel sheet with UV-resistant powder coating, colour choice free according to RAL-Table

## Technical equipment

- According to technical connection conditions of the respective mains power supply operator

- Customer specific solutions available through uesa's own engineering performance and switch board equipment production
- Type-testing accord. to IEC 62271-202:2006-06

## Medium voltage

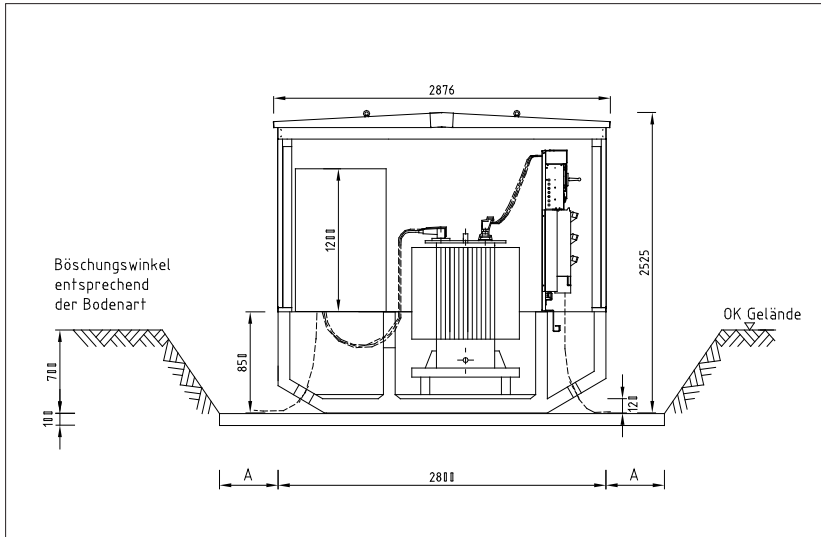
- Use of 2- to 4-field, type-tested SF6-insulated switchboards of well-known producers in the range from 6 to 36 kV

## Transformers

- Use of standard three-phase current oil or cast-resin transformers possible; max. technical dimensions dependent on structure

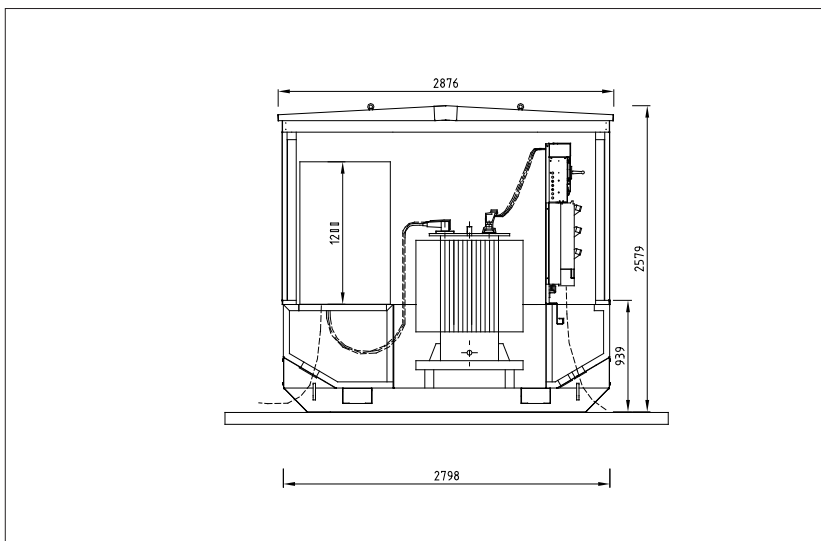
## Low voltage

- Use of standard and customer specific low voltage distributions in mounting plate construction



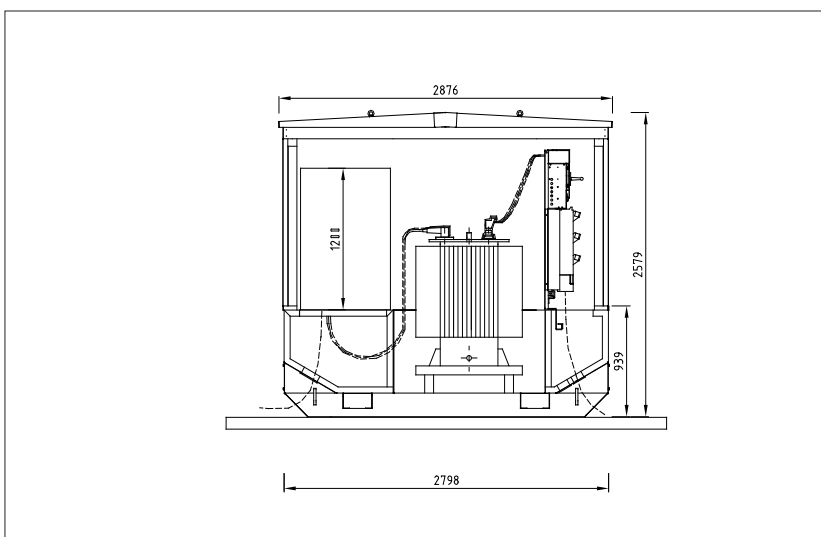
Use as network or customer station  
(installation in construction pit)

- As network and sub-station, both variants can be fitted with MS- or NS-metering
- Above-ground part as robust steel version, galvanized, powder coated
- Cellar element of reinforced concrete – strength class C30/C37
- Alternatively: cable cellar, hot-dip galvanized, powder coated
- Colour according to RAL-table, free choice



Use of the station as construction site power station

- As network or sub-station, both variants can be fitted with MV- or LV-metering,
- low weight, including equipment  
630 kVA-transformer about 4,200 kg
- Robust whole-steel version, cellar element of sheet steel, hot-dip galvanized
- Version with runners for optimal mobility
- Colour according to RAL-table, free choice



Use in immediate environment of electricity users as alternative to electric operation rooms

- As load centre station in industrial networks for set-up in the vicinity of energy-intensive users – reduces connecting costs significantly.
- Personal safety of operator as well as safety of immediate environment proven through arc test
- Through modular construction - multiple possibilities for adaptation to the respective environment
- Robust complete-steel version, hot-dip galvanized, powder coated, individually tested, in the area of the foundations (cable cellars) hot-dip galvanized
- Choice of colours free according to RAL-table