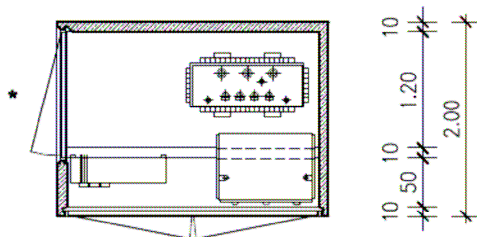
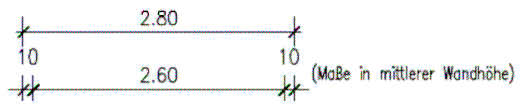
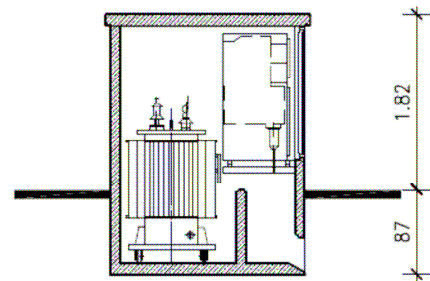
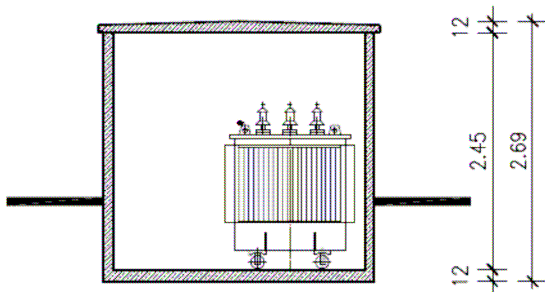
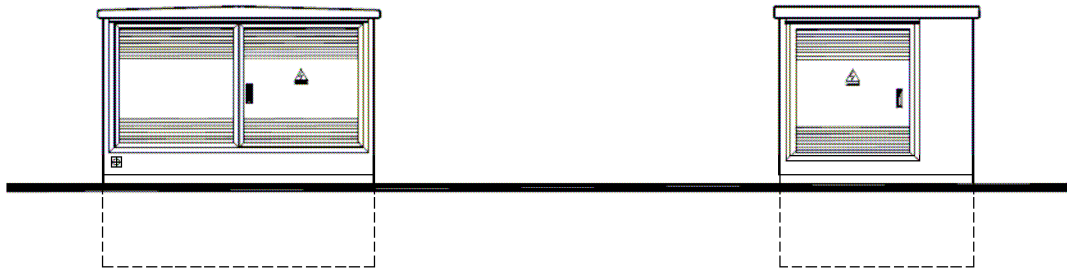


UK 2820 compact station

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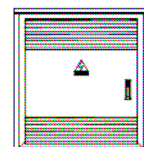
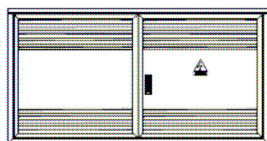
TAM2 2.55/1.25
LU24,5 + LO32

Körpergewicht: 63.5 kN (ohne ELT-Ausbau)
Dachgewicht: 17.0 kN

1x TAM2 2.55/1.25
LU24,5 + LO32
Fo = 0.36 m²

* optional
Wand
geschlossen

* optional
seitliche Tür
TAM2 1.25/1.25
Fo = 0.18 m²



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UK 2820 compact station

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The UK 2820 compact station is utilised in great numbers, provides the safety and quality required for substations and is a space-saving solution for many tasks.

An integrated false floor simultaneously serves as a foundation, enabling subterranean laying of cables .

The transformer chamber is designed as an oil drip basin and provides the required water pollution control without an additional coating, thanks to the LD (liquid-tight) quality of the concrete.

The roof is designed as a separate roof slab with a slight sloop down to two sides. It is slid into position and can be removed when changing the transformer or equipment.

The station shell consists of high-strength reinforced concrete with a strength category of C35/45 and exposure classes XC4, XF1 and XA1 complying with DIN 1045-2-EN 206.

Station equipment includes one double-leaf aluminium door and a ventilation element. The ventilation element is optionally a ventilating door for overhauling of the transformer room, the ventilation recess can be selectively fitted with a ventilating door or sealed with reinforced concrete.

Betonbau differentiates relative to the number of ventilation elements between types

- UK 2820
- UK 2820/1L

Technical data for UK 2820:

- Design conforms to IEC 62271-202 (VDE 0671 Part 202)
- Accidental arcing security testing with commercially-available SF₆ switchgear.
- Transformers up to 630 kVA
- Anodised aluminium doors and ventilation elements
- Large free ventilation cross section, thanks to optimised flow coefficients
- External facade available in different colours
- Different external facade surfaces can be realised (e.g. clinker brick, timber, synthetic resin float finish).
- Built-up space: 5.60 m²
- Structure shell weight (without electrical fittings): 63.5 kN
- Roof weight: 17 kN