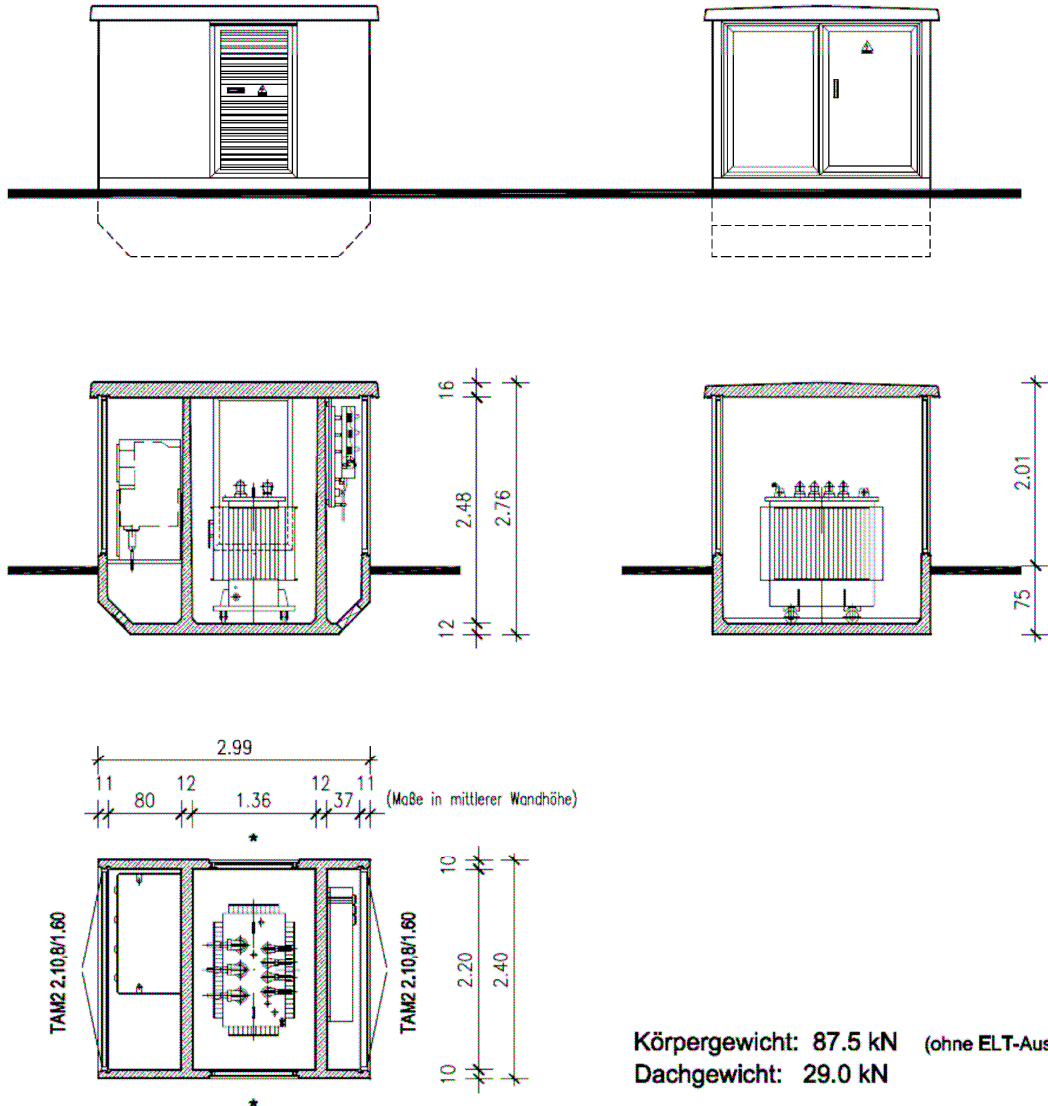


# UK 2200-29X compact station

three-chamber version

09/2008

www.betonbau-international.com



\* Standard

1x Lüftertür  
TAML 82,2/1.60  
Fo = 0.54 m<sup>2</sup>



\* Standard

1x Festlüfter  
LLSF 93/1.72  
Fo = 0.75 m<sup>2</sup>



\* optional

Wand  
geschlossen



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# UK 2200-29X compact station

## three-chamber version

09/2008

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The UK 2200-29 compact station (three-chamber version) 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 up to two ventilation elements. One ventilation element is an integrated ventilator (optionally a ventilating door) for overhauling of the transformer room, the other ventilation recesses can be selectively fitted with integrated ventilators or ventilating doors or sealed with reinforced concrete.

Betonbau differentiates relative to the number of ventilation elements between types:

- UK 2200-29/1L three-chamber version
- UK 2200-29/2L three-chamber version

### Technical data for UK 2200-29X:

- Design conforms to IEC 62271-202 (VDE 0671 Part 202)
- Accidental arcing security testing with commercially-available SF<sub>6</sub> switchgear.
- Transformers up to 1,250 kVA
- Anodised aluminium doors and ventilation elements
- High 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: 7.20 m<sup>2</sup>
- Structure shell weight (without electrical fittings): 80 kN
- Roof weight: 29 kN