Introduction   6/4   Description

Got the right spin on it?

For use anywhere, anytime

■ Minimal assembly time and high modularity - those are the two great features of the ALPHA 400-ZS with quick-assembly kits.

■ The new system consists of meter cabinets and distribution boards complying with the specifications of distribution network providers and offers a wide range of cabinet versions: 20 different sizes are available in each of three different versions (IP31, IP43 and IP55). To cover all of your requirements - in residential or non-residential buildings as well as in industrial applications.

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This is one thing you can count on.

ALPHA 400-ZS
Meter Cabinets

The quick-assembly kits make it possible to not only individually equip meter cabinets and distribution boards according to power utility standards in a mounting width of 250 mm, but across the entire range of cabinet widths and heights as well. ■ This makes the system so variable. ■ All you need to do is snap the quick-assemble kit onto the supporting element and screw in place after the assembly kit stay has been inserted - and the quick-assembly kit is mounted. ■ The quick-assembly kits can also be equipped and wired outside of the cabinets and then be inserted into the assem-

bled cabinets. You can therefore plaster and paint without worry: the modular devices will not be damaged. ■ If you are looking for an inexpensive alternative, the Flat Pack is just right for you. Delivery in the form of assembly kits reduces delivery volume and storage space. Just carry out a few manual steps - and the cabinet is assembled.

■ Also available as Flat Packs: 630-DIN floor-mounted distribution boards, as well as 400-DIN wall-mounted distribution boards.

ALPHA 400-ZS Meter Cabinets
Introduction

Overview

The new Siemens ALPHA 400-ZS meter cabinets are designed for universal applications in residential and non-residential buildings. Based on the wall-mounted ALPHA 400-DIN distribution boards, a modular system with high variability in terms of enclosure design, form of delivery, degree of protection and equipping was developed which satisfies all current technical supply conditions of the public utilities.

Special emphasis was placed on the regionally different requirements of the distribution network providers (DNP) and their installation practice.

The system comprises unequipped distribution boards for surface-mounting distribution boards in the form of Flat Packs (delivery in single parts for self-assembly), pre-assembled unequipped distribution boards for surface- and flush-mounting distribution boards, cabinet-high quick-assembly kits for especially fast board equipping and wiring as well as ample accessories.

The clear system concept guarantees easy planning, calculation, ordering, shipment, transport, equipping and assembly of the components and complete cabinets.

The ALPHA SELECT software helps installation technicians, planners and electric wholesalers to quickly plan and determine prices for distribution boards and meter cabinets. After city, postal code and responsible DNP have been selected, an assortment of complete meter cabinets and mounting examples is offered to suit specific requirements. In addition, individualized combinations of unequipped cabinets and quick-assembly kits can be planned.

Benefits

- Identical design as the ALPHA 400-DIN distribution board
- Planning in accordance with current TAB and corresponding DNP requirements
- Short assembly times
- Low stock levels

Application

ALPHA 400-ZS meter cabinets are used where electric energy is to be fed in, measured and distributed.

Meter cabinets and components feature modular design to ensure that only a few standard components are required to create a variety of project-related installation and equipping options.

In addition to the standard meter cabinets in degrees of protection IP31 and IP43, the system also offers meter cabinets for damp rooms in degree of protection IP55.

Design

The modular ALPHA 400-ZS meter cabinets consist of the following system components: unequipped cabinets in 4 heights and 5 widths, quick-assembly kits in 3 different widths, and accessories.

Thanks to the universal system concept and the combination option with the ALPHA 400-DIN distribution board system, there are numerous possibilities for planning and configuration of larger meter and distribution cabinet systems.

The ALPHA cable entry and cable terminal boxes are additionally available for completion of these systems. For internal measurements, the meter cabinet mounting kits can be mounted into any Siemens installation system with a 210 mm mounting depth.

Further information

Regional catalogs can be obtained in the sales regions themselves or from your electrical wholesaler.

For other devices and models, please refer to the catalogs and catalog sections ET A2.1 to ET A2.10 (available in German only).

Notes