

Article Overview

Electrical assembly boxes in Norway are available in a wide range of types, materials, and protection ratings, suitable for both residential and industrial applications.

Types and Applications

Electrical assembly boxes, also known as junction boxes or connection boxes, are used to protect and organize electrical connections, ensuring safety and reliability in installations. Common types include:

- o Apparatbokser (device boxes): For mounting switches, outlets, and other devices, often part of modular systems like Schneider Electric's Multifix series .
- o Koblingsbokser (junction boxes): Used for connecting wiring, heating elements, or defrosting systems, available in splash-proof designs with IP54 or IP65 protection .
- o Takbokser (ceiling boxes) and veggbokser (wall boxes): Designed for lighting fixtures or wall-mounted devices .
- o Brannklassifiserte bokser (fire-rated boxes): Provide additional fire protection for critical installations .

Materials and Protection

Boxes are manufactured from polycarbonate, PVC, or metal, offering high resistance to mechanical stress, corrosion, and temperature variations . Protection ratings range from IP20 to IP68, allowing adaptation for indoor, outdoor, and demanding environments . Many boxes include pre-drilled holes, integrated fixing points, and flexible cable entry options for easy installation and maintenance .

Suppliers in Norway

Several suppliers provide a wide selection of electrical assembly boxes:

- o Schneider Electric Norway: Offers the Multifix series with modular, easy-to-install boxes for various applications .
- o Norske Backer: Specializes in junction boxes for heating and defrosting elements, with rotatable designs and IP54/IP65 protection .
- o Farnell Norway: Stocks a large inventory of junction boxes from top manufacturers like Hylec, Amphenol Wilcoxon, and Phoenix Contact, with fast delivery and technical support .
- o Elbilgrossisten AS: Provides durable junction boxes compliant with IEC 60670 and NEK EN 62208 standards, suitable for both indoor and outdoor use .
- o Biltema Norway: Offers general electrical connection boxes for construction and residential projects .

Standards and Compliance

Electrical assembly boxes in Norway are manufactured according to international and national standards, including IEC 60670 and NEK EN 62208, ensuring compliance with electrical safety, fire resistance, and environmental performance requirements .

Summary

When selecting an electrical assembly box in Norway, consider:

- o Type: Device box, junction box, ceiling/wall box, or fire-rated box.
- o Material: Polycarbonate, PVC, or metal.
- o Protection rating: IP20-IP68 depending on environment.
- o Supplier: Choose from Schneider Electric, Norske Backer, Farnell Norway, Elbilgrossisten, or Biltema.
- o Compliance: Ensure adherence to IEC and NEK standards for safety and durability. These options provide flexibility for residential, commercial, and industrial electrical installations in Norway.

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Main requirements Electrical equipment shall be in such a condition that in use it does not present a danger to life,

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The recently launched Powerline wall box has been designed to complement Pipelife's

Electrical assembly box in Norway

Junction Boxes Also known as an Electrical Outlet Box or Outlet Box, Junction boxes act as an enclosure that provides secure

Innfelte apparatbokser, koblingsbokser, takbokser, veggbokser og ROT-bokser. Multifix-serien inneholder

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