



Quality products made in Norway for rough climatic situations

UNI CIRCUIT BREAKER CABIN

May 2024

CIRCUIT BREAKER CABINET

USAGE

Cabinet for smart grid monitoring and to bring pole mounted circuit breakers down to ground level to ease operation. Designed for 50-100kVA pole mounted transformers. Current transformers can be installed inside to cabinet to monitor the pole mounted transformer.

CABINETS

Cabinets are made for outdoor use and consists of seawater-resistant aluminum and weather resistant plastic roof and bottom. The cabinets are anodized brown, both for aesthetic reason and to improve corrosion resistance.

The color is UV resistant and blends in with the environment.

Cabinets are made to provide a good climate for electronic components. To prevent condensation, cabinets are equipped with ventilation and heater, as well as insulated roof and drainage in the bottom.

A vandal-proof antenna in the roof provides radio and GSM transmission.

EQUIPMENT

The cabinet is equipped with power analyzer, surge protection and internal circuit breaker socket.

Prepared space for 2x100-200A, neutral point surge arrester, communication unit and smart meter.

USE IN CORROSIVE ENVIROMENT

Special considerations must be taken when used in corrosive environment. Grease can prevent moisture between materials in connection points. See www.el-tjeneste.no for more information.
















INSTRUCTIONS AND DATASHEET

Mounting instructions and datasheet can be found on our webpage www.el-tjeneste.no.

Each product has a label with a QR-code, this will lead to the product on the webpage.

ALUMINIUM PRODUCTS USED IN POWER TRANSMISSION AND DISTRIBUTION

EL-tjeneste AS has delivered aluminum products since 1996, they a have well proven durability.

| El-no | Name | Description | Unit | Picture |
|---------|---------------------------------|--|------|---|
| 2836351 | Antenna adapter AOJ | Antenna adapter from MCX-female (straight) to SMA-male (straight). L=175mm. | PCS |  |
| 2836322 | Antenna adapter AOK | Antenna adapter from SMA-female (straight) to MCX-male (angle). L=220mm. | PCS |  |
| 2836338 | Bracket UNI-EFFB | Bracket for circuit breaker cabinet. | PCS |  |
| 2836308 | Cable bracket KBSF622-E | For circuit breaker cabinet. For 3 cables ø15-22 og 3 cables ø22-42. With wood screws. | PCS |  |
| 2836337 | Cable inlet case BEFL | Cable inlet case for circuit breaker cabinet. | PCS |  |
| 2836329 | Circuit breaker cabinet UNI-EFM | UNI circuit breaker cabinet for ground level placement of low voltage fuse/breaker for 230V IT-grid. Adapted to 50-100kVA transformer circuits. Includes power meter for grid monitoring. Has room for 2 pcs 100-200A circuit breakers, Neutral point overvoltage protection, fiber cable termination box and communication system. | PCS |  |
| 2836335 | Circuit breaker module EBM1216 | Circuit breaker module 1x125A 1x160A. For UNI-Circuit breaker cabinet UNI-EFM. | PCS |  |
| 2836331 | Circuit breaker module EBM125 | Circuit breaker module 2x125A. For UNI-Circuit breaker cabinet UNI-EFM. | PCS |  |
| 2836332 | Circuit breaker module EBM160 | Circuit breaker module 2x160A. For UNI-Circuit breaker cabinet UNI-EFM. | PCS |  |
| 2836334 | Circuit breaker module EBM1620 | Circuit breaker module 1x160A 1x200A. For UNI-Circuit breaker cabinet UNI-EFM. | PCS |  |
| 2836333 | Circuit breaker module EBM200 | Circuit breaker module 2x200A. For UNI-Circuit breaker cabinet UNI-EFM. | PCS |  |
| 2836307 | Connection clamp DTK2-150 | Connection clamp for circuit breaker cabinet. | PCS |  |
| 2836306 | Earthing clamp JKV240 | Earthing clamp for circuit breaker cabinet 95-240mm ² . For umbrakospanner 6. | PCS |  |
| 2836305 | Earthing clamp JKV50 | Earthing clamp for circuit breaker cabinet 50mm ² . For umbrakospanner 5. | PCS |  |
| 2836336 | Ground protection BEFB | Ground protection for circuit breaker cabinet. | PCS |  |



Norwegian quality and innovation

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