

Quality products made in Norway for rough climatic situations

BIRD PROTECTION SYSTEM

January 2025

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USAGE

EL-tjeneste AS has developed a solution to prevent birds from getting killed by power distribution lines. When large birds hunt, they need an overview over the landscape to spot potential prey. For them, poles in the power grid seems to be the perfect spot. But with a large wingspan they can short circuit between the phases or from phase to ground.

The concept is to mount both spikes on the crossbar in combination with a bracket on each side of the crossbar, where its safe for the bird to land. The spikes are made of clear plastic material that is UV resistant and non-conductive. The brackets for the bird to land, is made of black UV resistant plastic, designed so that the bird will sit higher than the insulators. Making it a preferred choice for the bird that is safe.


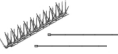







The bird protection system is available for both for live-line and voltage free installation.

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.

| El-no | Name | Description | Unit | Picture |
|---------|---------------------------------|--|------|---|
| 2857827 | Bird deflector FAUS | Kit with four bird deflectors for mounting on crossbar. For live working and 1,5m phase distance. | PCS |  |
| 2836816 | Bird deflector FVT | Bird deflector made of a UV-resistant, transparent plastic material. Comes with plastic strips to attach the bird deflector to a crossbar. | PCS |  |
| 2857870 | Bird protection bracket HSAT-10 | Bird protection bracket for railway crossbars. Fits M16 and M20 profile tracks. Set for 1m distance. | PCS |  |
| 2857871 | Bird protection bracket HSAT-20 | Bird protection bracket for railway crossbars. Fits for M16 and M20 profile tracks. Set for 2m distance. | PCS |  |
| 2836826 | Bird protection bracket HSAUS | Bird protection bracket. Phase 1,5m. For live working. | SET |  |
| 2836817 | Bird protection bracket HSFB | Bird protection bracket. Phase 1,5m. | SET |  |
| 2857873 | Insulating cap ET | Insulating cap. Height 70mm. Unit set of 3. | SET |  |
| 2857874 | Insulating cap ETK | Insulating cap. Height 40mm. Unit set of 3. | SET |  |
| 2857875 | Insulation cap ETD | Insulating cap. Height 42mm. Unit set of 3, including plastic nuts M12 | SET |  |



Norwegian quality and innovation

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