

*Quality products made in Norway for rough climatic situations*

# BIRD PROTECTION SYSTEM

April 2026

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## BIRD PROTECTION SYSTEM

### 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.


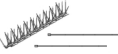







The bird protection system is available for both for live-line and voltage free installation.

### 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](http://www.el-tjeneste.no) for more information.

### INSTRUCTIONS AND DATASHEET

Mounting instructions and datasheet can be found on our webpage [www.el-tjeneste.no](http://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 set for railway crossbars. Includes bracket for the bird to sit on and bird spikes for for 1m distance. Can be mounted in both M16 and M20 profile tracks on crossbar.	PCS	
2857871	Bird protection bracket HSAT-20	Bird protection set for railway crossbars. Includes bracket for the bird to sit on and bird spikes for for 2m distance. Can be mounted in both M16 and M20 profile tracks on crossbar.	PCS	
2836826	Bird protection bracket HSAUS	Bird protection set for crossbars with bird spikes and bracket for the bird to sit on. Suited for crossbars with phase distance 1,5m. For live-line mounting.	SET	
2836817	Bird protection bracket HSFBS	Bird protection set for crossbars with bird spikes and bracket for the bird to sit on. Suited for crossbars with phase distance 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	



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