STATIC ELECTRICITY PRODUCTS · APPLICATION

Headlight electronics assembly with SE-BLC-F-75-C

Modern headlights carry LED driver circuits, levelling motors and sensors that are highly sensitive to electrostatic discharge. Handling plastic parts, machine movement and moving half-assembled units charge parts, tools and operators — even an ESD event too small to feel can destroy or degrade a driver, causing failures, wrong aiming and warranty costs. Besides grounding the workstation and the operator (wrist strap, dissipative mat), a compact SE-BLC-F-75-C ionizing blower over the electronics handling area neutralises the plastic parts, tools and operator.

WITHOUT IONIZATION



WITH SE-BLC-F-75-C



FÖGE product in this application

1 · SE-BLC-F-75-C — over the electronics handling area

On the shelf above the bench, tilted down on its adjustable bracket; the fan carries balanced pulsed DC ions to the housing, the board and the operator's hands.

Ionization	**Pulsed DC · shockless · balanced**
Ionization range	**Up to 500 mm**
Decay time	**1 kV → 100 V in < 7 s at 500 mm**
Pin cleaning	**Integrated automatic brush**
Supply	**24 V DC · M12 5-pin**

SE-BLC-F-75-C details **Request technical quote**

Also suitable for electronics assembly

Other FÖGE ionizers for ESD-sensitive workstations.

SE-BLL
Laminar Air Blower Ionizer
Pulsed DC · up to 1000 mm · 24 V DC

Interactive 3D model: switch between both states, rotate and zoom.

foge-antistatic.de/applications/headlight-electronics-se-blc/

Schematic model, not to scale. Machines and parts are generic — no specific manufacturer or brand. Product data as published on foge-antistatic.de.