



eltex

electrostatic
innovations



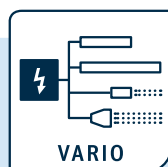
IONIZER ES53

Safe discharge also in the EX area

The IONIZER ES53 high-voltage power supply provides active discharge of electrostatic interference in the hazardous area. The IONIZER ES53 complies with the current requirements for the operation of Ex discharge bars in the hazardous area.

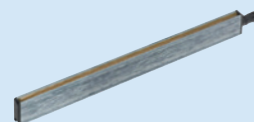
Advantages at a glance

- › 5 pluggable high voltage outputs
- › stable output voltage of 5 kV AC
- › solid design in IP54
- › Function and pollution monitoring of the bars with 2 potential-free signal contacts (optional)



VARIO

Suitable for connecting
one or more Eltex
discharge components:



Ex-Discharging bars



Ex-Ion blower guns



IONIZER ES53

Technical Informationen

Input	
Supply voltage	115 or 230 V AC 50/60 Hz
Power input	80 VA max.
Connectivity	
Operation	illuminated on/off switch
Interfaces	optional: digital (2 potential-free contacts)
Output	
Voltage	5 kV AC
Current	max. 6,2 mA
Frequency	50/60 Hz
Connections pluggable	5
Features	
Ion balance	with or without parameter diode
Function monitoring	optional
Pollution monitoring.	optional
passive operating mode	with power supply switched off
Key data	
Enclosure	Sheet metal steel with wall bracket
Operating ambient temp.	ES53: 0...+60°C, ES53US: 0...+40°C
Protection class	IP54 according EN 60529
Enclosure [LxWxH]	230 x 180 x 82 mm
Weight	ca. 4 kg
Approvals	UL(ES53US)

Dimensions

