

DISCHARGING



eltex

electrostatic
innovations



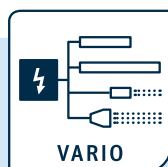
PRO IONIZER EX ES61/E

Increased security through patented Pollution monitoring for each channel

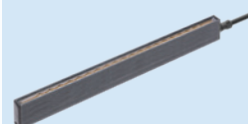
The PRO IONIZER EX ES61/E discharging power supply ensures active discharge of electrostatic charges in the EX area. With the new performance control, the power and status of any connected discharging bar can be monitored separately. Adjustable process parameters and fieldbus integration are easily possible.

Advantages at a glance

- › Performance Control for each output
- › Existing EX-Bars can be used
- › Operation via membrane keypad or display
- › Sensor input for charge monitoring, optional
- › Voltage, frequency and balance adjustable



Suitable for connecting
one or more Eltex
discharge components:



exBAR



E-Field-Sensor



PRO IONIZER EX ES61/E

Technical Information

Input		
Supply voltage	90 – 264 V AC, 47 – 63 Hz	24 V DC +/- 15 %
Power consumption	50 Watt max.	
Inrush current	maximum 75 A	–
Recommended Release characteristic	2 A/C according to DIN EN 60947-2	4 A/C according to DIN EN 60947-2
Connectivity		
Operation	optional: membrane keypad or display	
Interfaces	optional: I/O, fieldbus, Speed- and E-Field-Sensor	
Output		
Voltage	3,5 – 5 kV AC	
Current	max. 6.2 mA	
Frequency	50 – 200 Hz	
Pluggable high voltage connections	4	
Performance Control		
Ion balance	Ion parameter, voltage, frequency	
Function monitoring	yes, for each channel separate	
Pollution monitoring	yes, for each channel separate	
Passive operating mode	yes	
Key data		
Housing type	Sheet steel with mounting bracket	
Operating ambient temperature	+5...+50 °C	
Storage temperature	–20...+80 °C	
Ambient humidity	max. 80 % r.h. non-condensing	
Protection class	IP54 according to EN 60529	
Housing dimensions [LxWxH]	240 x 180 x 100 mm	
Weight	approx. 4.1 kg	
Approvals	suitable for the usage of EX bars	



PRO IONIZER EX
with display

Dimensions

