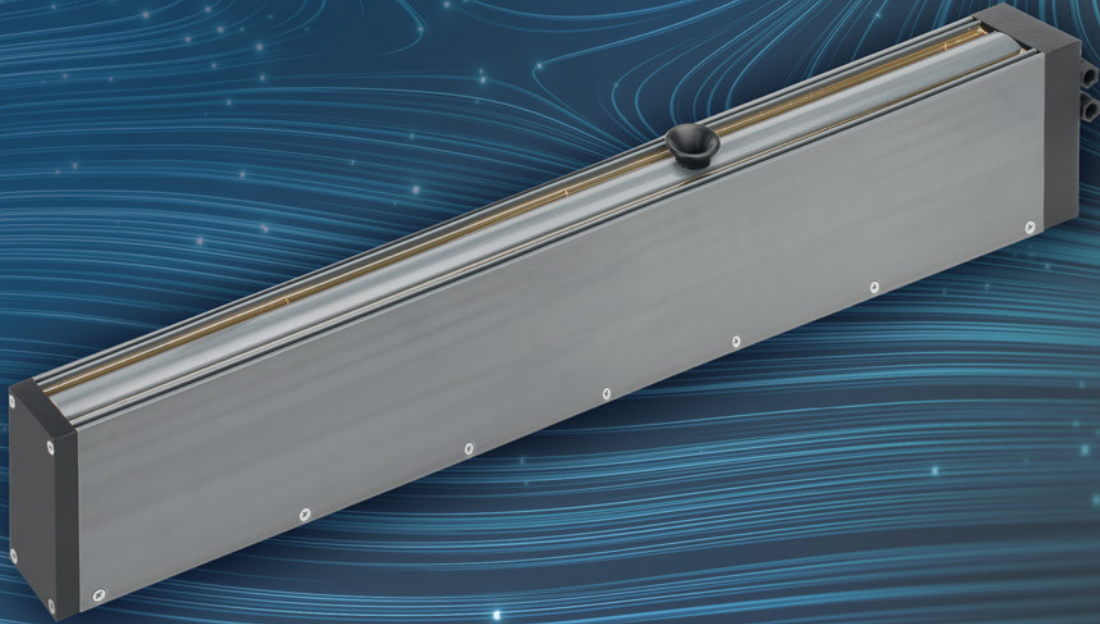


DISCHARGING



ellex

electrostatic  
innovations



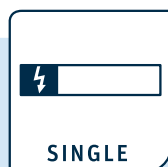
ionSTAR RX3

## Safe discharging over large and changing distances

The intelligent sensor technology of the ionSTAR RX3 continuously detects the distance and the charge of the object to be discharged and adjusts the output power to the existing conditions. The powerful high-voltage generator is integrated into the bar and is capable of compensating even high charges in the shortest possible time.

### Advantages at a glance

- › perfect discharge over large distances
- › automatic distance measurement with discharge optimization
- › integrated high voltage generation
- › function and fault monitoring with floating signal contacts
- › robust design and easy assembly



No separate power supply  
required: Other products  
of the SINGLE series:



Smart Discharging System SDS



## Technical Information

<b>Input</b>	
Supply voltage	24 V DC +/-10 %
Power input	55 Watt maximal
<b>Connectivity</b>	
Interfaces	digital (2 potential-free contacts: function and fault)
<b>Output</b>	
Output voltage	+/- 40 kV
Short circuit current/tip	0.45 A
Frequency	2 - 10 Hz, depending on the distance to the product
High voltage generation	internal, cascade
<b>Features</b>	
Ion balance	fixed setting
Pollution monitoring	existing
<b>Key data</b>	
Bar element/base device	glass-fiber reinforced plastic
Encapsulating material	polyurethane, UL94 V-0
Emission tips	tungsten
Operating ambient temperature	0 ... +40°C
Ambient humidity	max. 70 % RH, non-dewing
Protection class	IP40 according to EN 60529
Available active lengths	848 – 3008 mm in 240 mm steps
Dimensions	109 x 58 mm, max. length 3008 mm
Weight	approx. 5.5 kg/m
Contact protection	according to EN 61140

## Dimensions

