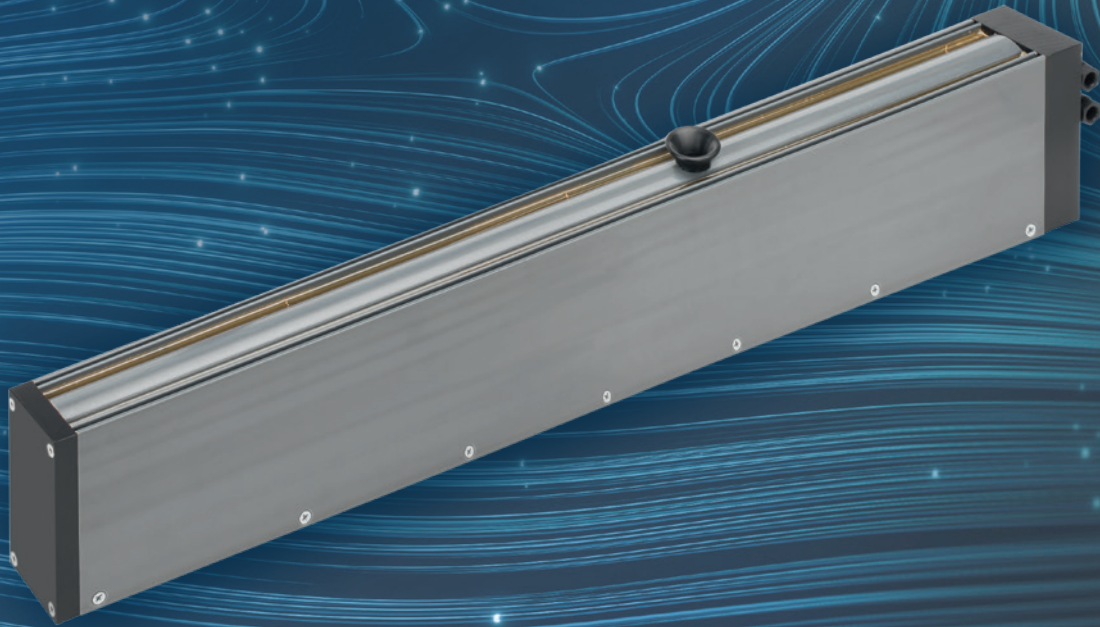


DISCHARGING



ellex

electrostatic
innovations



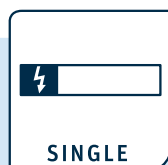
ionSTAR RX3

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

Input	
Supply voltage	24 V DC +/-10 %
Power input	55 Watt maximal
Connectivity	
Interfaces	digital (2 potential-free contacts: function and fault)
Output	
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
Features	
Ion balance	fixed setting
Pollution monitoring	existing
Key data	
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

