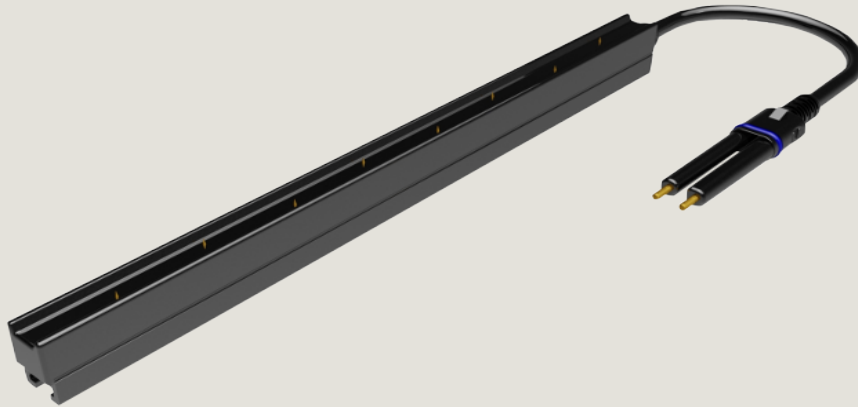


KERSTEN®

ELECTRODE DE 209 H



THE PRODUCT

Our most popular discharging electrode. DE 209H ensures the effective elimination of existing static charge on different materials. With the heat resistant design, for use in areas of application up to max 130°C.

PRODUCT BENEFITS

- Safe to touch
- Small electrode cross-section
- Vacuum-casted
- Tungsten-Needles

CUSTOMER BENEFITS

- Plug-in system
- Longlife product
- Minimal maintenance effort
- Easy to install

WHY KERSTEN?

- Made in Germany for over 40 years
- Needs-based consultation
- Tailor-made solutions
- Very short delivery times

KERSTEN®

TECHNICAL DATA

DE 209 H

GENERAL

Supply voltage	U	kV DC	<+9.0/>-9.0
Power consumption per 1m electrode length at max. supply voltage	I _{max}	µA	450
Connection type			neXt® plug-in
Grid width (tip distance)		mm	30
Available total lengths	L	mm	80-3050*

DETAILS

max. effective distance (max. voltage)		mm	1000
Min. distance (lateral / in operating direction)		mm	40 / 30
Max. available high voltage cable length		m	67
- Grid up to 2.0m / - Grid from 2.0m		m	0.1 / 0.5
Minimum bend radius of cable			
- Fixed installation / - Constant motion	R	mm	15 / 30

CLIMATIC CONDITIONS

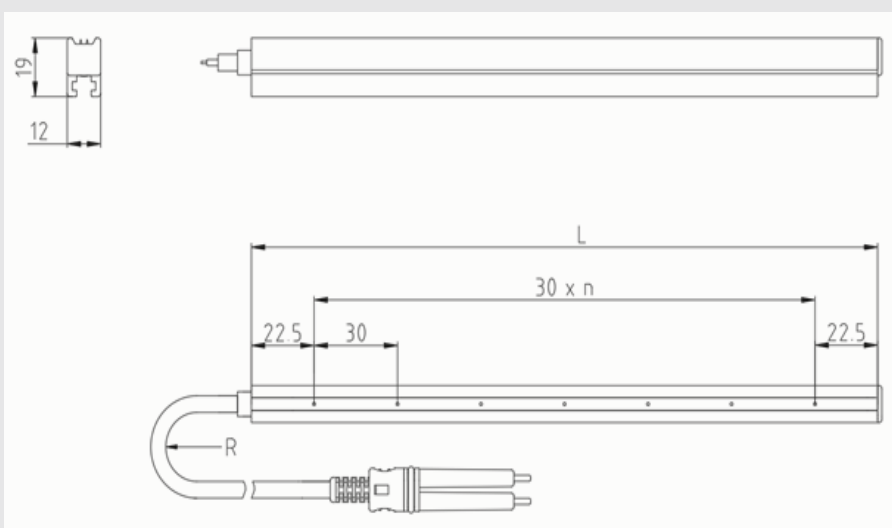
Temperature during transport and storage	T	°C / °F	-25- +85 / -13- +185**
Temperature during operation	T	°C / °F	+5- +130 / +41- +266***
Relative humidity (non condensing)	RH		<80

DIMENSIONS

L/W/H mm L / 12 / 19

*active length = total length -40mm **acc. UL50 TypB / class 3K3 max. +70 °C (+158 °F) ***acc. UL50 TypB / class 3K3 max. +70 °C (+158 °F)

TECHNICAL DRAWING



All dimension
measurements in mm

KERSTEN ELEKTROSTATIK GMBH

Walter-Knoell-Straße 3
D-79115 Freiburg | Germany
T +49 761 47944-0 | F +49 761 47944-99
info@kersten.de | www.kersten.de

