

Static Solutions | Static Neutralizers | Ionizing Bar

4203UC ULTRA-COMPACT 24V DC IONIZER

Static Clean International offers a full line of static control products ranging from ionizers, blowers, air knives and charging systems for all industrial markets in addition to contamination control products for the medical device market. Our goal is to reduce costs, improve operations and increase quality.

- Shockless, resistively coupled tungsten emitters for unlimited life.
- Pulsed DC high voltage provides excellent charge decay performance even at longer distances.
- Ion balance suitable for most industrial applications.
- Ideal operating range 20-150 mm (0.78" – 5.9")
- Remote monitoring of operational status.
- LED status indicators (Green=OK; Green/Red Flashing=Attention Required; Red=Fault; Red Flashing=Standby)
- Standard M8 4-pin connector.
- Integrated high voltage electronics means no high voltage cables required.
- Protected against under-voltage, overload and reverse polarity.
- Easy to mount via integrated fixing holes.



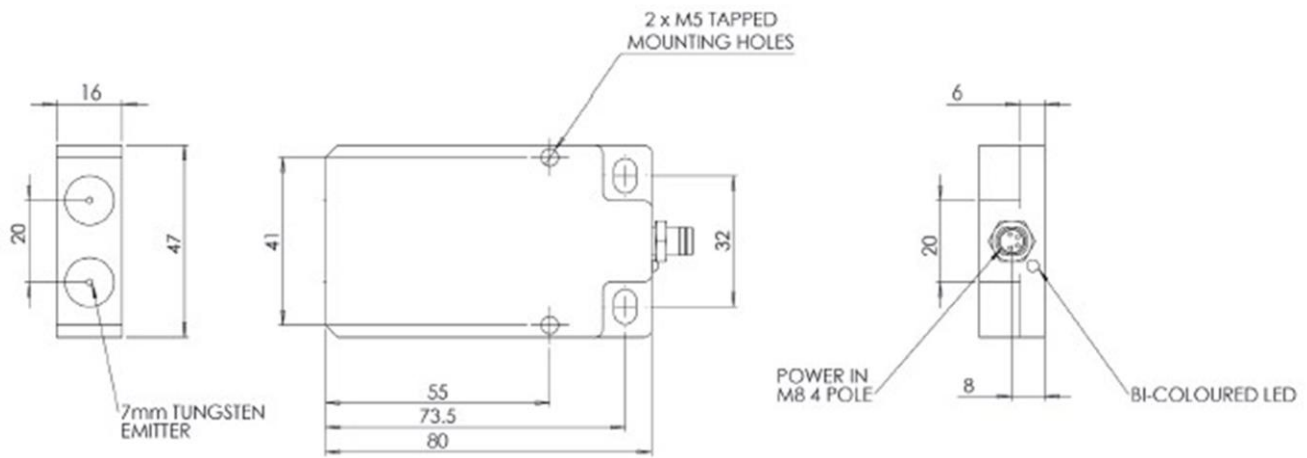
Static neutralization to meet the requirements of high-performance machinery at close range. Integrated Power Supply requires only a low voltage 24V DC input.

An ultra-compact 24 V DC Static Eliminator, ideal for installation in areas where space is at a minimum. Powerful, compact and easy to install.

Specifications

<u>Electrical Supply</u>	24V DC (21-28V) Maximum current 0.25A. M8 connector. The M8 x 4 core cable must be ordered separately.
<u>Remote Monitor</u>	Uses 24V supply to send signal to the PLC or other destination. Outputs compatible with IEC 61131-2 "Type 3" PLC inputs. Signal protected against short circuit or mis-wiring.
<u>High Voltage Supply</u>	+/-7kV supply integrated inside ionizer.
<u>Operating Distance</u>	20-150 mm (0.78" – 5.9").
<u>Construction</u>	PVC body, epoxy resin encapsulant, tungsten emitter.
<u>Protection Classification</u>	IP67.
<u>Environment</u>	0 - 55° C, 70% RH non-condensing.
<u>Options</u>	An external AC/DC PSU can be ordered if 24V DC is not available. 100-250V AC, Power Supply. Code: 4203-31101.
<u>Weight</u>	100 g.
<u>Standards</u>	CE, UL.

Dimensions



Mounting onto the machine is achieved with fixing holes integrated into the product body.



Accessories / Spare Parts

Description	Part No.	Description	Part No.
3 m cable with 180° connector	4203-80892	3 m cable with 90° connector	4203-80933
5 m cable with 180° connector	4203-80930	5 m cable with 180° connector	4203-80934
7.5 m cable with 180° connector	4203-80931	7.5 m cable with 180° connector	4203-80935
10 m cable with 180° connector	4203-80932	10 m cable with 180° connector	4203-80936
Universal AC/DC power supply: 100-250V AC, 24V DC output; Fitting with 1.5m of cable	4203-31101	2m M8 mail to M8 female 4-pin extension cable for AC/DC power supply cable	4203-80937
Static Clean Ionizer Cleaning Kit	4203-81220		

*Cables must be ordered separately in addition to the Ionizer. They have standard M8 4-pin female connectors.