3024 COMPACT STATIC ELIMINATOR

The 3024 Compact was designed to provide all the benefits of 24 V DC technology for manufacturers needing short static eliminators.

Available in 150 mm and 200 mm lengths, the 3024 Compact is the most compact 24 V DC static eliminator available.

PERFORMANCE

- 7.5 kV of ionising power.
- Emitter pitch 20 mm for intense ionisation.
- Operating distance: 20 – 150 mm, best at 20 – 50 mm.

ESSENTIAL QUALITIES

- Fully encapsulated electronics.
- Tungsten emitters guarantee an unlimited life.
- Shockless operation.
- 24 V DC operation.
- 100 % coverage: active length = overall length.

CONNECTIVITY AND CONTROL

- LED indication of operational status of bar and whether it needs cleaning.
- Duplicate remote signals for PLC or to power external lamps, relays.
- Remote on/off switching.

APPLICATIONS

- The 3024 Compact is ideal for hundreds of small industrial applications, for example, narrow web, labels, digital print. It brings the benefits of 24 V DC technology to smaller applications.



SPECIFICATION

Construction:
FR-ABS industrial grade extrusion, epoxy resin, tungsten emitters.

Output Voltage:
Up to 7.5 kV supply integrated into bar.

Remote Monitor / Local Status Indication:
Signals available: 'Bar OK' and 'Fault'. Uses 24 V supply to send signal from the bar to the PLC or other destination. Bi-colour LED on endcap for local status indication.

Electrical Input:
24 V DC (21 - 28 V). 0.5 A current required standalone, 1 A if using remote monitor. M8 connector. The M8 x 4 core cable must be ordered separately - see cable options overleaf.

Environmental:
0 - 55 °C, 70 % rH non-condensing max. IP66. Fully sealed.

Certification:
CE and UL.

Options:
100 – 250 V AC-DC 24 V Power Supply (Part No: E3024-PSU).

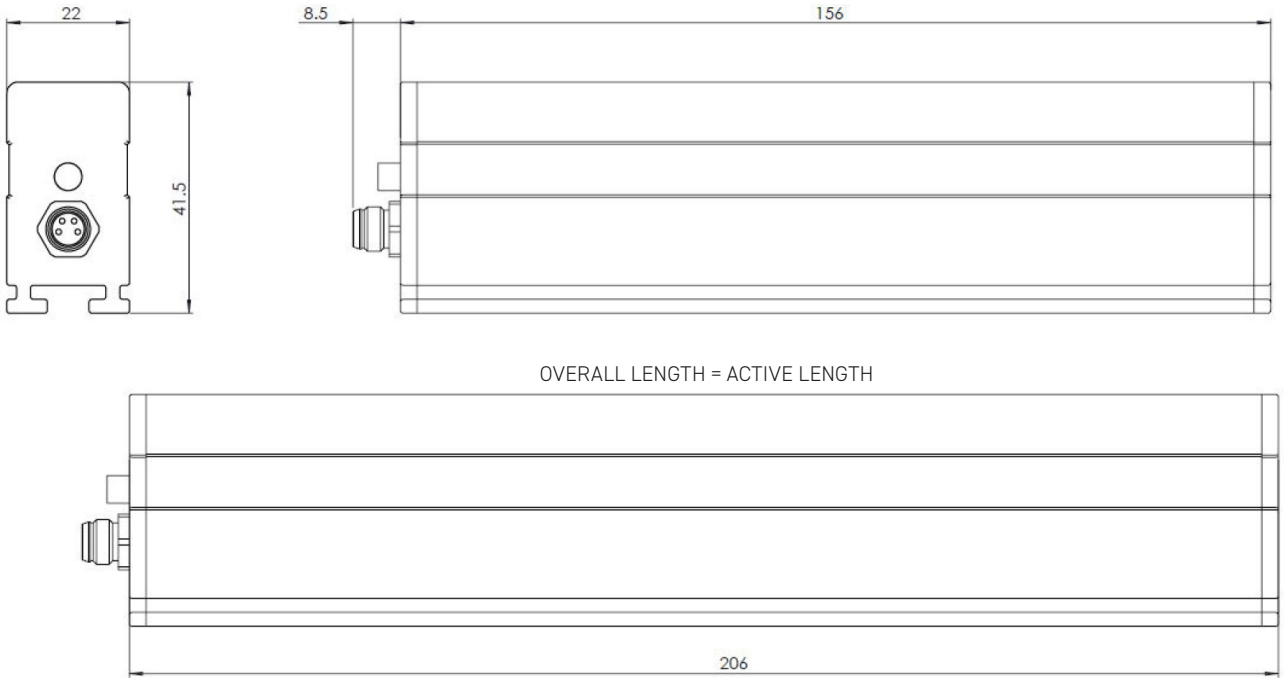
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DIMENSIONS AND CONSTRUCTION

Dimensions: 22 mm x 41.5 mm (WxH). Available lengths: 150 mm and 200 mm.

Weight: 150 mm = 220 g. 200 mm = 280 g.



Note: Overall length = order length + 6 mm (including endcaps).

MOUNTING

Each 'T' fixing has one M6 x 40 mm stud and flange nut.

Two 'T' fixings are supplied with each bar.

Other stud lengths are available, contact the manufacturer for details.

The 'T' fixings slide into the slot in the bottom of the bar.



ACCESSORIES AND SPARES

Description	Part No.
3m cable with 180° connector	80892
5m cable with 180° connector	80930
7.5m cable with 180° connector	80931
10m cable with 180° connector	80932
Fraser Ioniser Cleaning Kit	81220

Description	Part No.
3m cable with 90° connector	80933
5m cable with 90° connector	80934
7.5m cable with 90° connector	80935
10m cable with 90° connector	80936
Universal AC-DC power supply*: 100 - 250 V AC, 24 V DC output fitted with 1.5m of cable	E3024-PSU

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

* Do not use ANY other standard power supplies with this product. Third party power supplies WILL cause damage and void warranty.