



Midaswei Trading Co., Ltd.

**ED S93 series- Static eliminator
Datasheet**

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Overview

ED S93 series is an inductive static eliminator, which can absorb and remove the static electricity on the surface of insulators to achieve the purpose of static elimination. At the same time, ED S93 can be electrically isolated from the ground and be used in places not suitable for grounding. Moreover, ED S93 can monitor static voltage to provide an alarm on excessive static voltage when connected to the system. The static elimination device can be used in the transportation field of chemical liquids or gas pipelines to avoid static electricity causing equipment damage or spark.

Features:

- Eliminate the static voltage passively. No power requirement. (*1)
- Overvoltage alarm output.
- IP66
- Customizable fixtures.
- SUS 316 covered with Teflon to prevent corrosion.
- Isolated ground
- Can withstand 4KV lightning strike. (*2)
- Invention patent pending (US, EPC, Japan, Korea, China)
- Taiwan invention patented : I685278(2020-2039)
- China utility model patented (2019-2028)
- 94-V0 flame classification
- NPN architecture alarm output

*1 Static eliminator does not require the power, but alarm circuit requires a low DC voltage supply.

*2 According to IEC 61000-4-5 test specification, Line-GND can endure 4kV lightning strike voltage 20 times without damage.

Application field:

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| ■ Semiconductor CDS | ■ Automotive |
| ■ Gas station | ■ Elevator |
| ■ Chemical or Plastics factory | ■ Pharmaceutical factory |