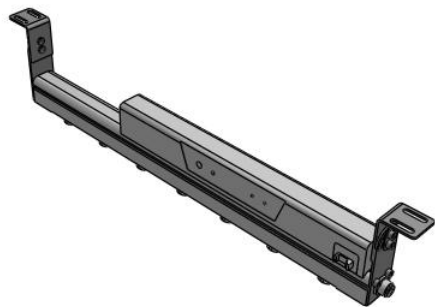




## IZS40/41/42 IZS40-460-06B

### Datasheet

### General series information

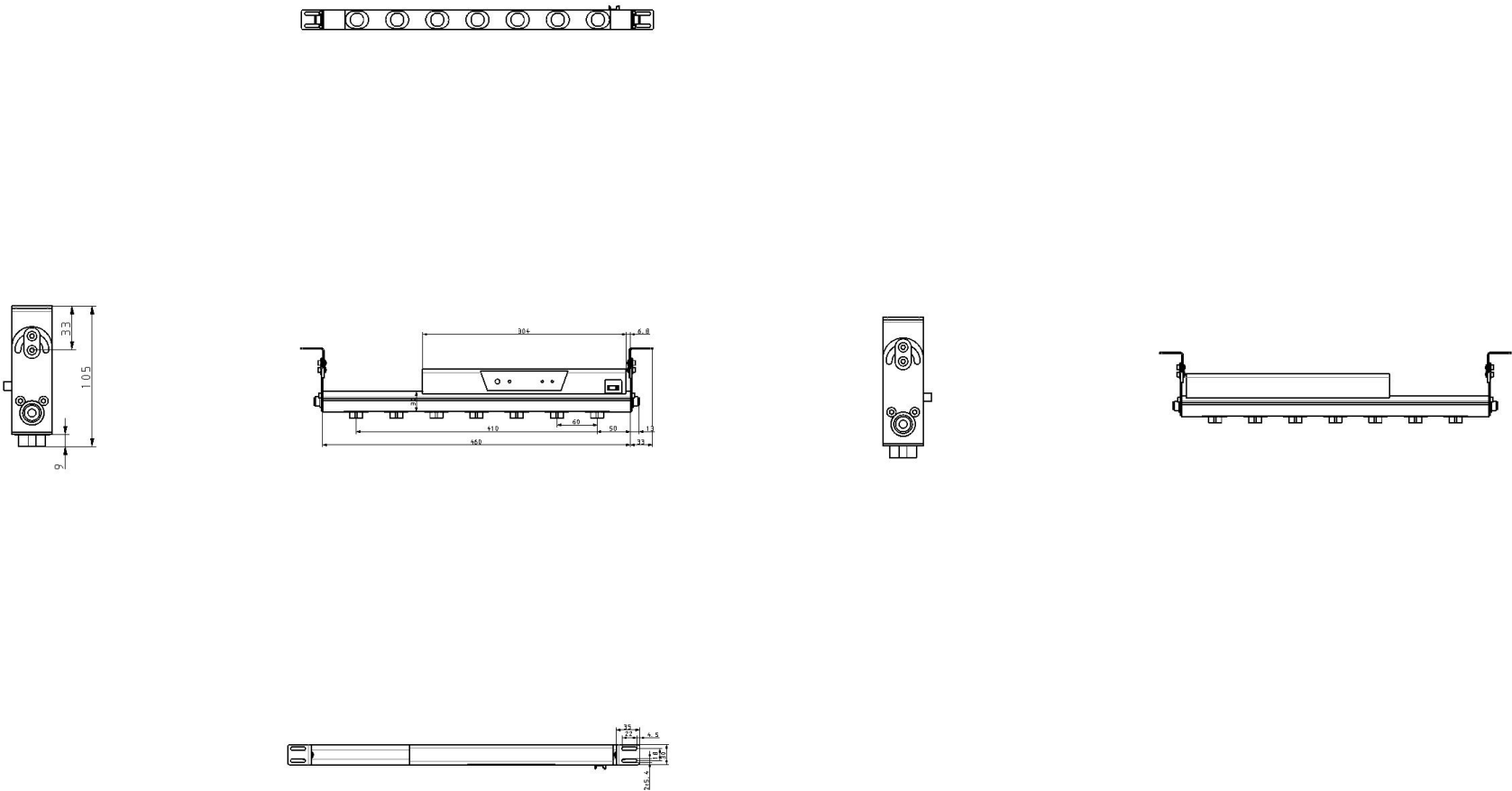
- IZS40: Basic type (AC, DC) / IZS41: High speed (AC, Sensing AC, DC) / IZS42: Dual AC type.
- Controller integrated in the bar.
- Autobalance sensor, feedback sensor.
- Wireless remote control.
- Transition wiring for ionizers serial connection.
- Display and warning alarms.

### Standard specifications

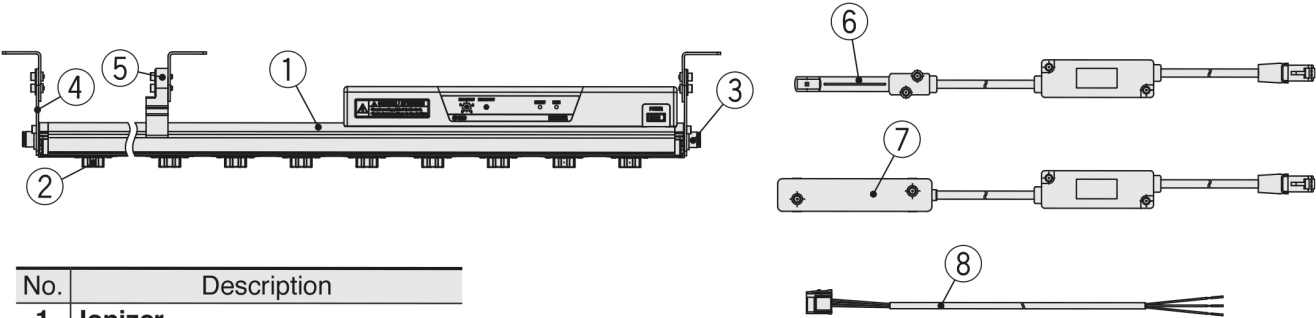
|                             |                                                          |
|-----------------------------|----------------------------------------------------------|
| Electrode Needle Material   | High speed de-ionizing cartridge (Tungsten)              |
| Bracket                     | B (With bracket)                                         |
| Type                        | 40 (Standard type)                                       |
| Output                      | NPN (or none for type 40)                                |
| Option                      | None                                                     |
| One-touch fitting           | 06                                                       |
| Power Supply Cable          | 3m                                                       |
| Bar Length                  | 460mm                                                    |
| Sensor                      | Type 40: N/A; Type 41 & 42: Built-in Auto Balance Sensor |
| Maximum operating pressure  | 0.5 MPa or less                                          |
| Proof pressure              | 0.7 MPa                                                  |
| Maximum ambient temperature | 40 °C                                                    |
| Minimum ambient temperature | 0 °C                                                     |
| Approvals                   | CE                                                       |
| Power supply                | 24 VDC $\pm 10\%$                                        |
| Current consumption         | 330 mA or less                                           |

|                                          |                                                                                    |
|------------------------------------------|------------------------------------------------------------------------------------|
| Material                                 | Body cover: ABS, Emitter cartridge: PBT, Emitter: Tungsten, Single crystal silicon |
| Applicable fluid                         | Air (Clean dry air)                                                                |
| Ion generation method                    | Corona discharge type                                                              |
| Method of applying voltage               | AC, DC                                                                             |
| Applied voltage                          | ±7000 V                                                                            |
| Ambient humidity                         | 35 to 80% RH (No condensation)                                                     |
| Offset voltage                           | Within ±30 V                                                                       |
| Effective static neutralization distance | 50 to 2000 mm                                                                      |
| Weight                                   | 0.814 Kg                                                                           |

Dimensions



Constructions



| No. | Description                              |
|-----|------------------------------------------|
| 1   | Ionizer                                  |
| 2   | Emitter cartridge                        |
| 3   | One-touch fitting                        |
| 4   | End bracket                              |
| 5   | Intermediate bracket                     |
| 6   | Feedback sensor                          |
| 7   | Auto balance sensor [High accuracy type] |
| 8   | Power supply cable (for IZS40)           |

## Additional information

|                           |                                                                                                                                 |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Catalogue                 | <a href="#">IZS40_41_42-C_EU.pdf</a>                                                                                            |
| Declaration of conformity | <a href="#">newDoC_IZS4_TF1V243EN.pdf</a><br><a href="#">DoC_IZS4x_TDQ0038.pdf</a><br><a href="#">newDoC_IZS_TF122010EN.pdf</a> |
| Installation manuals      | <a href="#">IM_IZS4_TF2Z271EN.pdf</a>                                                                                           |
| Operation manuals         | <a href="#">OM_IZS4_OMP0064EN-F.pdf</a>                                                                                         |