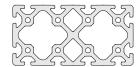


## ESD product qualification





Article number: 0.0.265.26

Article: Profile 8 160x80, natural

The above-mentioned product's suitability for use in ESD-protected areas (EPA) has been checked in line with the specifications of IEC/DIN EN 61340-5-1:2016 and it meets the relevant requirements.

Typical resistance values at the relevant ambient temperature (measurement voltage: 100 V=)

Measurements <sup>1</sup>	Standard limit values	Test limit values <sup>2</sup>
Ambient temperature	23°C ± 2°C	23°C ± 2°C
Leakage resistance	< 1x10 <sup>9</sup> Ω	< 1x10 <sup>9</sup> Ω
Surface resistance	$< 1x10^{9} \Omega$	< 1x10 <sup>9</sup> Ω
Volume resistance	$< 1x10^{9} \Omega$	< 1x10 <sup>9</sup> Ω

<sup>&</sup>lt;sup>1</sup> Depending on the range of functions and the geometrical dimensions, some measurements may not be relevant.

Depending on the application, the entire solution requires additional resistance if the resistance measurement falls below  $1x10^4 \Omega$ . NB: To ensure safe use in ESD-sensitive environments, measurements must be taken on a regular basis to check that the entire solution in which the product is being used complies with the relevant values (to IEC/DIN EN 61340).

Solingen, 03.02.21

<sup>&</sup>lt;sup>2</sup> Due to the local conditions, the relative humidity during all product tests was 10 - 65 percent.