

**Maximum voltages for Terminal Blocks versions SDT 2.5, SDT 4 & SFS 4**

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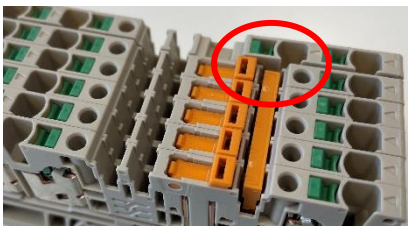
Dear Sir or Madam,

we would like to inform you about the maximum voltages which can be applied to SDT 2.5, SDT 4 and SFS 4 Terminal blocks when mounted onto a DIN rail next to Terminal Blocks with identical contours. Generally, the rated voltages according to IEC 60947-7-1:2009 annex D is 500 volts.

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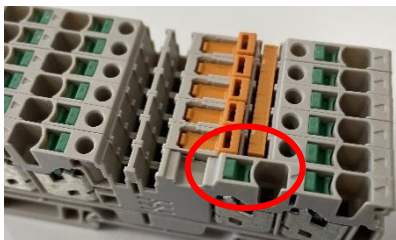
If the single cross connection channel is used the maximum voltage may be limited. Two cases can be applied:

**Case A:**



Open side of the insertion funnel points towards the cross-connection channel.

**Case B:**



Open side of the insertion funnel points away from the cross-connection channel

The maximum voltages for these two cases are limited according to the following table:

|                              | S2C 2.5 ...<br>A2C 2.5 ... | S3C 2.5 ...<br>A3C 2.5 ... | S4C 2.5 ...<br>A4C 2.5 ... | S2C 4 ...<br>A2C 4 ... | S3C 4 ...<br>A3C 4 ... | S4C 4 ...<br>A4C 4 ... |
|------------------------------|----------------------------|----------------------------|----------------------------|------------------------|------------------------|------------------------|
| SDT 2.5 2C ...               | A: 250 V                   | A: 250V<br>B: 500V         | B: 500V                    |                        |                        |                        |
| SDT 2.5 3C ...               | A: 250V                    | A: 250V                    | A: 250V<br>B: 500V         |                        |                        |                        |
| SDT 2.5 4C ...               | A: 250V                    | A: 250V                    | A: 250V                    |                        |                        |                        |
| SDT 4 2C ...<br>SFS 4 2C ... |                            |                            |                            | A: 250V                | A: 250V<br>B: 500V     | B: 500V                |

With kind regards,

Product Management Terminal Blocks

**Weidmüller** – Partner in Industrial Connectivity  
We look forward to sharing ideas with you – **Let's connect.**

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