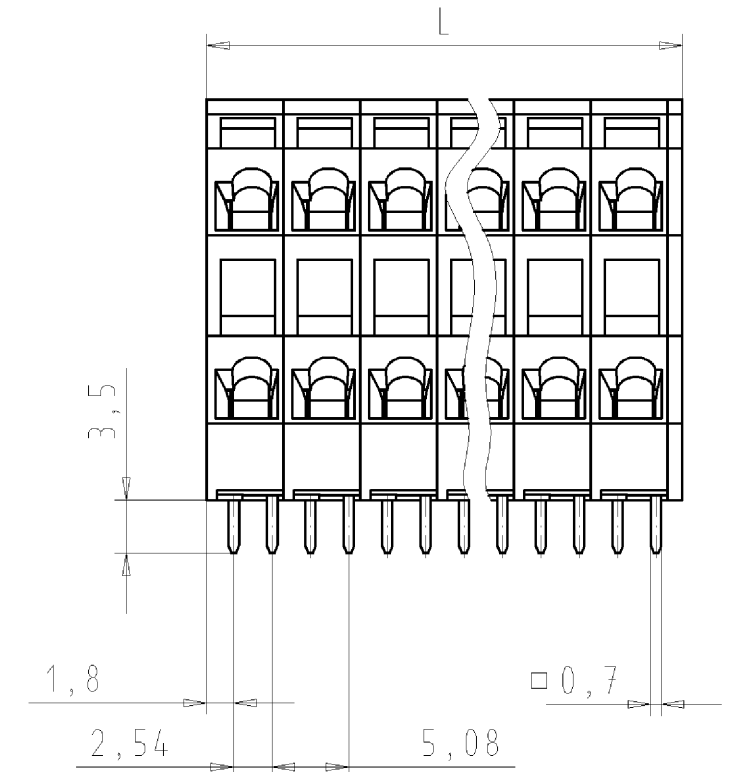


|                                                                                                | VDE                                                                   | UL    | CSA   |
|------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|-------|-------|
| Bemessungsspannung V<br>rated voltage                                                          | 250                                                                   | 300   | 300   |
| Bemessungsstrom A<br>rated current                                                             | 12                                                                    | 10    | 10    |
| Anschlußbereich mm <sup>2</sup> /AWG<br>connection range                                       | 0,08-2,5                                                              | 28-12 | 28-12 |
| Brennbarkeitsklasse<br>flamability rating                                                      | UL 94-V0                                                              |       |       |
| Isoliermaterial<br>insulating material                                                         | PA 66 Farbe grau ähnl. RAL 7032<br>PA 66 colour grey sim. to RAL 7032 |       |       |
| Kontaktbasismaterial<br>contact basis material                                                 | E-Cu 57                                                               |       |       |
| Kontaktoberfläche<br>contact surface                                                           | Ni3 Sn5                                                               |       |       |
| Kontaktfeder<br>contact spring                                                                 | Ergste 1.4310 FD                                                      |       |       |
| Verschmutzungsgrad 3/Überspannungskategorie III<br>pollution degree 3/overvoltage category III |                                                                       |       |       |

Diagram illustrating the connection of a 28-12AWG wire to a WAGO 8291EFK terminal block.

[illegible]

| Teile-Nr.<br>part-no. | Typ<br>type     | Polzahl<br>poles | L      |
|-----------------------|-----------------|------------------|--------|
| 27.008.3253.0         | 8291 EFK/ 2/ 4  | 2/ 4             | 11,16  |
| 27.008.3353.0         | 8291 EFK/ 3/ 6  | 3/ 6             | 16,24  |
| 27.008.3453.0         | 8291 EFK/ 4/ 8  | 4/ 8             | 21,32  |
| 27.008.3553.0         | 8291 EFK/ 5/ 10 | 5/10             | 26,40  |
| 27.008.3653.0         | 8291 EFK/ 6/ 12 | 6/12             | 31,48  |
| 27.008.3753.0         | 8291 EFK/ 7/ 14 | 7/14             | 36,56  |
| 27.008.3853.0         | 8291 EFK/ 8/ 16 | 8/16             | 41,64  |
| 27.008.3953.0         | 8291 EFK/ 9/ 18 | 9/18             | 46,72  |
| 27.008.4053.0         | 8291 EFK/10/ 20 | 10/20            | 51,80  |
| 27.008.4153.0         | 8291 EFK/11/ 22 | 11/22            | 56,88  |
| 27.008.4253.0         | 8291 EFK/12/ 24 | 12/24            | 61,96  |
| 27.008.4353.0         | 8291 EFK/13/ 26 | 13/26            | 67,04  |
| 27.008.4453.0         | 8291 EFK/14/ 28 | 14/28            | 72,12  |
| 27.008.4553.0         | 8291 EFK/15/ 30 | 15/30            | 77,20  |
| 27.008.4653.0         | 8291 EFK/16/ 32 | 16/32            | 82,28  |
| 27.008.4753.0         | 8291 EFK/17/ 34 | 17/34            | 87,36  |
| 27.008.4853.0         | 8291 EFK/18/ 36 | 18/36            | 92,44  |
| 27.008.4953.0         | 8291 EFK/19/ 38 | 19/38            | 97,52  |
| 27.008.5053.0         | 8291 EFK/20/ 40 | 20/40            | 102,60 |
| 27.008.5153.0         | 8291 EFK/21/ 42 | 21/42            | 107,68 |
| 27.008.5253.0         | 8291 EFK/22/ 44 | 22/44            | 112,76 |
| 27.008.5353.0         | 8291 EFK/23/ 46 | 23/46            | 117,84 |
| 27.008.5453.0         | 8291 EFK/24/ 48 | 24/48            | 122,92 |

|                                                                                                                                                                                                                                      |  |                                                                                                                                                                                               |  |                                                                                                                                                                                                                                             |          |                                                                                     |   |                                                    |                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------------------------------------------------------------------------------|---|----------------------------------------------------|----------------|
| Tolerierung nach DIN 7167/Tolerance system acc. to DIN 7167.<br>(This DIN-standard describes the envelope principle. According to the envelope principle the deviations of form and parallelism are limited by the size tolerances). |  |                                                                                                                                                                                               |  | ja/yes <input checked="" type="checkbox"/> Stoffverbots- und Deklarationsliste nach UU-TM-05/03 ist einzuhalten.<br>Conformity with Wieland document UU-TM-05/03 (list of prohibited /<br>declaimable hazardous substances) to be declared! |          |                                                                                     |   |                                                    |                |
| Freitoleranz nach<br>General tolerance                                                                                                                                                                                               |  | CAD - Zeichnung, keine manuellen Änderungen<br>CAD - drawing, no manual modifications allowed                                                                                                 |  | 1.Verwendung: -<br>First Use:                                                                                                                                                                                                               |          | Blatt: 1 von 1                                                                      |   |                                                    |                |
| /                                                                                                                                                                                                                                    |  | Werkstoff/Material                                                                                                                                                                            |  | 2005                                                                                                                                                                                                                                        | Tag/Date | Name                                                                                | T | Zeichnung Nr./Drawing No.<br><br>27.008.3253.0 01K | Index<br><br>b |
| /                                                                                                                                                                                                                                    |  | siehe Tabelle                                                                                                                                                                                 |  | gezeichnet<br>drawn                                                                                                                                                                                                                         | 01.12.   | Dütsch T.                                                                           |   |                                                    |                |
| / Maßstab/Scale                                                                                                                                                                                                                      |  | see table                                                                                                                                                                                     |  | geprüft<br>checked                                                                                                                                                                                                                          | -        | -                                                                                   |   |                                                    |                |
| / 2:1                                                                                                                                                                                                                                |  |                                                                                                                                                                                               |  | Montage-<br>Stunde, check                                                                                                                                                                                                                   | -        | -                                                                                   |   |                                                    |                |
| / Vol.                                                                                                                                                                                                                               |  | mm Off./Surf.                                                                                                                                                                                 |  | mm                                                                                                                                                                                                                                          |          | Ersatz für/Replacement for: -                                                       |   |                                                    |                |
| b 25.01.2007/<br>a 09.12.2005/<br>Index Datum / Blatt<br>Date / Sheet                                                                                                                                                                |  |  <b>wieland</b><br> |  | Type<br>8291<br>EFK/...                                                                                                                                                                                                                     |          | Benennung/Title<br><br>LP_ETAGENKLEMME<br>PCP terminal<br>Rastermaß 5,08 pitch 5,08 |   |                                                    |                |
| Änderung/Revision                                                                                                                                                                                                                    |  |                                                                                                                                                                                               |  |                                                                                                                                                                                                                                             |          |                                                                                     |   |                                                    |                |

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