

(1) EU-TYPE EXAMINATION CERTIFICATE



(2) Components intended for use in Potentially Explosive Atmosphere
Directive 2014/34/EU

(3) EU-Type Examination Certificate Number:

TÜV 22 ATEX 8925 U

Issue: 01

(4) Component: **Terminals
S* Series**

(5) Manufacturer: **Weidmüller Interface GmbH & Co. KG**

(6) Address: **Klingenbergstr. 26
32758 Detmold
Germany**

(7) This product and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.

(8) The Zertifizierungsstelle für Explosionsschutz of TÜV Rheinland Industrie Service GmbH, Notified Body No. 0035 in accordance with Article 21 of the Council Directive 2014/34/EU of 26th February 2014, certifies this product which has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of components intended for use in potentially explosive atmosphere, given in Annex II to the Directive.

The examination and test results are recorded in the confidential report 331 / Ex8925.01 / 22.

(9) Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the schedule of this certificate, has been assessed by reference to:

EN IEC 60079-0: 2018

EN IEC 60079-7:2015/A1:2018

(10) The sign "U" placed after the certificate number indicates that it is a component with respectively schedule of limitations in the annex to this certificate.

(11) This EU-Type Examination Certificate relates only to the design and specification for construction of the component. It does not cover the process for actual manufacture or supply of the component, for which further requirements of the directive are applicable.

(12) The marking of the component shall include the following:



II 2G

Ex eb IIC Gb

TÜV Rheinland Zertifizierungsstelle für Explosionsschutz

Cologne, 2025-12-02


**Digital
unterscriben
von Christian
Mehrhoff**

This EU-Type Examination Certificate without signature and stamp shall not be valid and may be circulated only without alteration.
Extracts or alterations are subject to approval by Zertifizierungsstelle für Explosionsschutz of TÜV Rheinland Industrie Service GmbH.
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(13)

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Annex to

EU-Type Examination Certificate

TÜV 22 ATEX 8925 U

Issue: 01

(15) Description of Component

Component and type:

Terminal S* Series

General product information:

The Feed-through and PE terminals of the S* series are suitable for use in enclosures in atmospheres with flammable gases or combustible dust.

The certificate covers the types:

S2C 2.5	S2T 2.5	S3T 2.5
S2C 2.5 PE	S2T 2.5 VL	S3T 2.5 VL
S3C 2.5	S2T 2.5 PE	S3T 2.5 PE
S3C 2.5 PE	S2T 2.5 FT-PE	S3T 2.5 FT-FT-PE
S4C 2.5	S2T 2.5 6C	
S4C 2.5 PE	S2T 2.5 6C VL	
S2C 4	S2T 2.5 6C PE	
S2C 4 PE	S2T 2.5 6C FT-PE	
S3C 4	S2T 2.5 8C	
S3C 4 PE	S2T 2.5 8C VL	
S4C 4	S2T 2.5 8C PE	
S4C 4 PE	S2T 2.5 8C FT-PE	

Optional accessories:

End plate
End bracket
Terminal rail
Cross connection

SEP ** 2.5
AEB 35 SC/1
TS 35/... acc.to DIN EN 60715
ZQV *.N/**

*: number of contacts or conductor size

Terminals and accessories are available in all colours.

Details of Change:

New types were added

Technical data:

Operating temperature ranges:

	-60°C up to +110°C
T6	-60°C up to +40 °C
T5	-60°C up to +55 °C
T4	-60°C up to +70 °C

For other technical data refer to the "Installation instructions & condition of safe use" for each type of terminal.

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(16) Test report No.: 331 / Ex8925.01 / 22

(17) Respectively Schedule of Limitations

1. The Feed-through terminals and PE terminals of the S* series are suitable for use in enclosures in atmospheres with flammable gases or combustible dust. For flammable gases these enclosures must satisfy the requirements according to EN 60079-0 and EN 60079-7. For combustible dust the enclosure must satisfy the requirements according to EN 60079-0 and EN 60079-31.
2. The enclosure shall be constructed to block all sun and UV light from affecting the terminal blocks. The terminal blocks shall be placed inside a suitable certified IP54 enclosure in type of protection "e" for gas atmosphere. For dust atmosphere the terminal blocks shall be mounted inside a suitable certified enclosure (EN 60079-31) in type of protection "t".
3. Under normal operating conditions the temperature rise of the terminal blocks is maximum 40 K, measured at the maximum permitted rated current. Due to the above mentioned, the terminal blocks may be used in apparatus of temperature classes T6...T1 as long as the terminal block ambient temperature range is not exceeded. No part of terminal block must exceed 110 °C under any condition.

T6 (- 60°C ... +40 °C)
T5 (- 60°C ... +55 °C)
T4 (- 60°C ... +70 °C)
4. When using the types S2T 2.5... / S3T 2.5... and S2T 2.5 PE / S3T 2.5 PE especially with other terminal blocks series or sizes or accessories the requirements for clearance and creepage distances according EN 60079-7 must be observed. Regarding the use of covers, cross-connectors and end brackets the instructions of the manufacturer must be followed.
5. For cross connection accessories, current rating, resistance across the terminal please refer to the table under "Technical data" above of the "Notice to Installers".
6. When using ferrules for flexible conductors, it must be ensured that the test requirements of DIN 46228-1 and DIN 46228-4 are complied with. Therefore we recommend the use of the appropriate Weidmüller crimping tools. The length of the copper ferrule must correspond to the specified stripping length.
7. No other wire sizes or types than the ones specified in instructions must be used. The terminal blocks must either be mounted next to another block of the same type and size or with an end plate.

- Cross connections with blank ends shall not be used.
- Manually cut cross connections shall not be used.

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(18) Essential Health and Safety Requirements

The Essential Health and Safety Requirements are covered by the standards listed at item 9.

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