



IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Ex COMPONENT CERTIFICATE

Certificate No.:	IECEx TUR 24.0071U	Page 1 of 5	Certificate history: Issue 0 (2025-04-29)
Status:	Current	Issue No: 1	
Date of Issue:	2025-12-02		
Applicant:	Weidmüller Interface GmbH & Co. KG Klingenbergstrasse 26 Detmold 32758 Germany		
Ex Component:	Disconnect and Fuse Terminal Series SDT... and SFS...		

This component is NOT intended to be used alone and requires additional consideration when incorporated into other equipment or systems for use in explosive atmospheres (refer to IEC 60079-0).

Type of Protection: **Ex ec**

Marking: Ex ec IIC Gc

Approved for issue on behalf of the IECEx
Certification Body:

Christian Mehrhoff

Position:

Assigned certifier

Signature:
(for printed version)



Date:
(for printed version)

2025-12-02

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting www.iecex.com or use of this QR Code.



Certificate issued by:

TUV Rheinland Industrie Service GmbH
Am Grauen Stein
51105 Cologne
Germany





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Manufacturer: **Weidmüller Interface GmbH & Co. KG**
Klingenbergstrasse 26
Detmold 32758
Germany

Manufacturing locations: **Weidmüller Interface GmbH & Co. KG**
Klingenbergstrasse 26
Detmold 32758
Germany

S.C. Weidmüller Interface România S.R.L.
Strada 66, Nr. 8
Tautii Magheraus 437345
Romania

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended

STANDARDS :

The component and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

[IEC 60079-0:2017](#) Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

[IEC 60079-7:2017](#) Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
Edition:5.1

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:

A sample(s) of the component listed has successfully met the examination and test requirements as recorded in:

Test Report:

[DE/TUR/ExTR24.0071/00](#)

Quality Assessment Reports:

[NL/DEK/QAR12.0052/10](#)

[NL/DEK/QAR13.0041/06](#)



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Ex Component(s) covered by this certificate is described below:

The disconnect terminals (SDT...) and fuse terminals (SFS...) of the S-series are suitable for use in enclosures in atmospheres with flammable gases or combustible dust.

The certificate covers the types:

SDT 2,5 2C *
SDT 2,5 3C *
SDT 2,5 4C *
SDT 4 2C *
SFS 4 2C *
SFS 4 2C 10-36V *
SFS 4 2C 30-70V *
SFS 4 2C 60-150V *
SFS 4 2C 150-250V *

Optional accessories:

End plate	SEP ...*
End bracket	AEB 35 SC/1*
Terminal rail	TS 35/... acc.to DIN EN 60715
Cross connection	ZQV aN/b*

where

a: conductor size (2.5, 4)

b: number of contacts (2....10)

*: in all colours

Operating temperature: -60°C...+130°C (insulating material limit)

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



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SCHEDULE OF LIMITATIONS:

1. The fuse and disconnect terminals are suitable for application in enclosures in atmospheres with flammable gases or combustible dust. For use in flammable gases these enclosures must satisfy the requirements according to IEC/EN60079-0 and IEC/EN60079-7. For use in combustible dust these enclosures must satisfy the requirements according to IEC/EN60079-0 and IEC/EN60079-31.
2. Regarding the use of accessories, the instructions of the manufacturer must be followed.
3. The enclosure shall be constructed to block all sun and UV light from affecting the terminal blocks.
4. Do not remove or replace the test disconnect switch when energized!
5. When using the types of fuse or disconnect terminals especially with other terminal blocks series or sizes or accessories the requirements for clearance and creepage distances of IEC/EN 60079-7 must be maintained. Regarding the use of covers, cross-connectors and end brackets the instructions of the manufacturer must be followed.
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. 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.
8. A thermal assessment for the classification into the temperature classes T6.....T1 shall be performed. No part of terminal block must exceed 130 °C under any condition.
9. The insulation material of the conductors shall meet the temperature requirements.
 - Cross connections with blank ends shall not be used.
 - Manually cut cross connections shall not be used.



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)
change / correction of manufacturer locations