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 20.0014U**	Page 1 of 3	Certificate history:
Status:	**Current**	Issue No: 0	
Date of Issue:	2020-10-28		
Applicant:	**Weidmüller Interface GmbH & Co. KG** Klingenbergstr. 26 Detmold 32758 **Germany**		
Ex Component:	Terminals WFS / ZDTR series		

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: 2020-10-28

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

TÜVRheinland

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Certificate No.: **IECEx TUR 20.0014U**

Issue No: 0

Date of issue: 2020-10-28

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

Additional manufacturing locations:

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 equipment 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 Edition:7.0 — Explosive atmospheres - Part 0: Equipment - General requirements

IEC 60079-7:2017 Edition:5.1 — Explosive atmospheres - Part 7: Equipment protection by increased safety "e"

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 equipment listed has successfully met the examination and test requirements as recorded in:

Test Report:

DE/TUR/ExTR20.0014/00

Quality Assessment Report:

NL/DEK/QAR12.0052/07

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

Fuse terminals:
WFS 4
WFS 4 10-36V
WFS 4 30-70V
WFS 4 60-150V
WFS 4 100-250V
WFS 4 BL
WFS 4 10-36V BL
WFS 4 30-70V BL
WFS 4 60-150V BL
WFS 4 100-250V BL
WFS 4 DB
WFS 4 10-36V DB
WFS 4 30-70V DB
WFS 4 60-150V DB
WFS 4 100-250V DB

Disconnect terminals:
ZDTR 2,5
ZDTR 2,5 BL

Optional accessories:

End plate	WAP 2.5-10 SW*, AP ZDTR2.5*
End bracket	WEW 35/2 SW*, ZEW 35*
Terminal rail	TS 35/...acc. to DIN EN 60715
Cross connection	ZQV 4N/(1)*, ZQV 2.5N/(1) GE,

(1): number of contacts
where * is not Ex relevant.

Technical data:

Operating temperature: -60°C....+120°C (WFS)
-60°C....+100°C (ZDTR)

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

SCHEDULE OF LIMITATIONS:

1. The terminal blocks shall be placed inside a suitable IECEx/ATEX certified IP54 enclosure for gas atmosphere. For dust atmosphere the terminal blocks shall be mounted inside a suitable IECEx/ATEX certified 't' enclosure (IEC/EN60079-31).

2. In combination with other terminal block series and sizes and if other accessories are used, the applicable creepage and clearance distances shall be met.

3. The enclosure shall be constructed to block all sun and UV light from affecting the terminal blocks.

4. Regarding the use of accessories the instruction of the manufacturer must be followed.

5. For cross connection accessories the current ratings and the resistances across the terminals have to be considered. Please refer to the "types & electrical rating" of the "Notice to Installers".

6. Fuse holders shall be fully closed all times. Do not remove or replace the fuse when energized.

7. If smaller conductor cross sections than the rated conductor cross sections are used, then the corresponding lower current shall be stated in the Certificate of the complete apparatus.

8. A thermal assessment for the classification into the temperature classes T6.....T1 shall be performed. For the maximum ambient temperature range, refer to the information in the NTI.