[1] # TYPE EXAMINATION CERTIFICATE

[2] **Component intended for use on/in an Equipment or Protective System Potentially Explosive Atmospheres Directive 2014/34/EU**

[3] Type Examination Certificate Number: **DEMKO 14 ATEX 1389U Rev. 3**

[4] Component: **Terminal blocks with fuse holder, test disconnect terminals or no additional feature - Terminals Catalog Nos. WMF 2.5 FU SW, WMF 2.5 FU 10-36V SW, WMF 2.5 FU 100-250V SW, WMF 2.5 FU 60-150V SW, WMF 2.5 FU 30-70V SW, WMF 2.5 FU PE SW, WMF 2.5 FU PE 10-36V SW, WMF 2.5 FU PE 100-250V SW, WMF 2.5 FU PE 60-150V SW, WMF 2.5 FU PE 30-70V SW, WSI 4, WSI 4/LD 10-36V AC/DC, WSI 4/LD 30-70V AC/DC, WSI 4/LD 60-150V AC/DC, WSI 4/LD 140-250V AC/DC, WSI 6, WSI 6/LD 250AC LLC, WSI 6/LD 10-36V LLC, WSI 6/LD 30-70V LLC, WSI 6/LD 60-150V LLC, WTR 2.5 STB, WTR 2.5, WTR 4 STB, WTR 4, WMF 2.5 DI, WMF 2.5 DI PE, WMF 2.5 DI PE STB, WMF 2.5**

[5] Manufacturer: **Weidmüller Interface GmbH & Co. KG**

[6] Address: **Klingenbergstrasse 26, 32758 Detmold Germany**

[7] This Component and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

[8] UL International Demko A/S certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to Directive 2014/34/EU of 26 February 2014.
The examination and test results are recorded in confidential report number: **US/UL/ExTR14.0128/03.**

[9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN IEC 60079-0:2018 **EN IEC 60079-7: 2015 +A1:2018**

except in respect of those requirements listed at item 18 of the Schedule.

[10] The sign "U" is placed after the certificate number. It indicates that this certificate must not be mistaken for a certificate intended for an equipment or protective system. This partial certification may be used as a basis for certification of an equipment or protective system.

[11] This Type Examination Certificate relates only to the design of the specified component, and not to specific items of component subsequently manufactured.

[12] The marking of the component shall include the following:

II 3 G **Ex ec IIC Gc**

Certification Manager
Jan-Erik Storgaard

This is to certify that the sample(s) of the Component described herein ("Certified Component") has been investigated and found in compliance with the Standard(s) indicated on this Certificate, in accordance with the ATEX Product Certification Program Requirements. This certificate and test results obtained apply only to the component sample(s) submitted by the Manufacturer. UL did not select the sample(s) or determine whether the sample(s) provided were representative of other manufactured product. UL has not established Follow-Up Service or other surveillance of the component. The Manufacturer are solely and fully responsible for conformity of all product to all applicable Standards, specifications, requirements or Directives. The test results may not be used, in whole or in part, in any other document without UL's prior written approval.

Date of issue: 2015-04-10
Re-issued: 2021-06-24

Certification Body
UL International Demko A/S, Borupvang 5A, 2750 Ballerup, Denmark
Tel. +45 44 85 65 65, info.dk@ul.com, www.ul.com

[13]

[14]

Schedule
TYPE EXAMINATION CERTIFICATE No.
DEMKO 14 ATEX 1389U Rev. 3

[15] Description of Product:

The devices are Ex Component terminals for use in explosive atmospheres when installed and used in accordance with the specified Schedule of Limitations. The terminal blocks are suitable for snap-on mounting on TS 35 DIN rail. All models have two screw connections. They have features as indicated in the following table:

Model no.	PE connector	test disconnect	fuse holder
WMF 2.5 FU SW			x
WMF 2.5 FU 10-36V SW			x
WMF 2.5 FU 100-250V SW			x
WMF 2.5 FU 60-150V SW			x
WMF 2.5 FU 30-70V SW			x
WMF 2.5 FU PE SW	x		x
WMF 2.5 FU PE 10-36V SW	x		x
WMF 2.5 FU PE 100-250V SW	x		x
WMF 2.5 FU PE 60-150V SW	x		x
WMF 2.5 FU PE 30-70V SW	x		x
WSI 4			x
WSI 4/LD 10-36V AC/DC			x
WSI 4/LD 30-70V AC/DC			x
WSI 4/LD 60-150V AC/DC			x
WSI 4/LD 140-250V AC/DC			x
WSI 6			x
WSI 6/LD 250AC LLC			x
WSI 6/LD 10-36V LLC			x
WSI 6/LD 30-70V LLC			x
WSI 6/LD 60-150V LLC			x
WTR 2.5 STB		x	
WTR 2.5		x	
WTR 4 STB		x	
WTR 4		x	
WMF 2.5 DI		x	
WMF 2.5 DI PE	x	x	
WMF 2.5 DI PE STB	x	x	
WMF 2.5	Feed-through terminal		

Electrical data

Model	Ratings
WMF 2.5 FU SW	250 V, 6.3 A
WMF 2.5 FU 10-36V SW	36 V, 6.3 A
WMF 2.5 FU 100-250V SW	250 V, 6.3 A
WMF 2.5 FU 60-150V SW	150 V, 6.3 A
WMF 2.5 FU 30-70V SW	70 V, 6.3 A
WMF 2.5 FU PE SW	250 V, 6.3 A
WMF 2.5 FU PE 10-36V SW	36 V, 6.3 A
WMF 2.5 FU PE 100-250V SW	250 V, 6.3 A
WMF 2.5 FU PE 60-150V SW	150 V, 6.3 A
WMF 2.5 FU PE 30-70V SW	70 V, 6.3 A
WSI 4	250 V, 6.3 A
WSI 4/LD 10-36V AC/DC	36 V, 6.3 A
WSI 4/LD 30-70V AC/DC	70 V, 6.3 A
WSI 4/LD 60-150V AC/DC	150 V, 6.3 A
WSI 4/LD 140-250V AC/DC	250 V, 6.3 A
WSI 6	500 V, 6.3 A
WSI 6/LD 250AC LLC	250 V, 6.3 A
WSI 6/LD 10-36V LLC	36 V, 6.3 A
WSI 6/LD 30-70V LLC	70 V, 6.3 A
WSI 6/LD 60-150V LLC	150 V, 6.3 A
WTR 2.5 STB	500 V, 24 A
WTR 2.5	500 V, 24 A
WTR 4 STB	400 V, 32 A
WTR 4	400 V, 32 A
WMF 2.5 DI	500 V, 20 A
WMF 2.5 DI PE	500 V, 20 A
WMF 2.5 DI PE STB	500 V, 20 A
WMF 2.5	500 V, 24 A

[13]

[14]

Schedule
TYPE EXAMINATION CERTIFICATE No.
DEMKO 14 ATEX 1389U Rev. 3

Routine tests:
According to EN IEC 60079-7, clause 7.1 in combination with clause 6.1 a dielectric strength test has to be carried out. The routine tests may be performed on a statistical basis according to ISO 2859-1 with an acceptance quality limit (AQL) of 0,04. Routine test is to be carried out according to Weidmüller procedure "High voltage test" Document -NR: S_011.

[16] Descriptive Documents
The scheduled drawings are listed in the report no. provided under item no. [8] on page 1 of this Type Examination Certificate.

[17] Schedule of Limitations:

- These terminal blocks are to be installed within an ATEX certified enclosure with a minimum rating of IP54, suitable for the intended application.
- The enclosure shall bear the following warning dependent on the terminal block model:
  “WARNING – DO NOT REMOVE OR REPLACE THE FUSE/TEST DISCONNECT SWITCH WHEN ENERGIZED!”
- The maximum permitted service temperature of the terminal blocks is 130°C.
- For additional limitations refer to the “Installation instructions & conditions for safe use” of the according models.

[18] Essential Health and Safety Requirements
The Essential Health and Safety Requirements (EHSRs) are covered by the standards listed at item 9.

Additional information

The trademark, Weidmüller, for Weidmueller Interface GMBH & Co KG may be used as the company identifier on the marking label.