

Updated certificates

Dear Madam or Sir,

The IECEx - Certificate of Conformity (CoC) and the EU Type Examination Certificate for the single level terminal blocks ZDU 10 and ZPE 10 for use in Zone 1 in hazardous areas have been updated.

The ATEX and IECEx certificates are referring to 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 "eb")

1. Initial situation

The ZDU 10 and ZPE 10 are terminal blocks versions with 2 conductor connections on 1 level. The IECEx - Certificate of Conformity (CoC) no longer correspond to the current standard.

2. Technical change

No

The new certification numbers and markings have been modified on the product.

3. Reason for change

Ex approvals have been adapted to the current standard status.

4. Availability

The ZDU 10 and ZPE 10 product versions are available from March 2020.

5. Affected parts

The following parts are affected:

- 1746750000 ZDU 10
- 1746760000 ZDU 10 BL
- 1830610000 ZDU 10 OR
- 1746770000 ZPE 10

6. Data

1. Technical data

Current:

Product	ZDU 10 and all colour versions	ZPE 10
Part Number	1746750000	1746770000
IECEx Certificate of Conformity		IECEXULD05.0009U
EC type Examination certificate		KEMA99ATEX5514U
Rated Voltage	550 V	-
Rated Current	50 A	-
Operating temperature range		-50°C...+100°C

New:

Product	ZDU 10 and all colour versions	ZPE 10
Part Number	1746750000	1746770000
IECEx Certificate of Conformity		IECEX ULD 15.0008 U
EC type Examination certificate		DEMKO 15 ATEX 1467U
Rated Voltage	690 V	-
Rated Current	51 A	-
Operating temperature range		-60°C...+110°C

2. Documents in the online catalogue

- IECEx Certificate of Conformity
- EU-Type Examination Certificate
- NTI: User instruction; cross connection cases and safety instructions
- Attestation of Conformity

Downloads

Approval/Certificate/Document of Conformity	Attestation of Conformity IECEx Certificate ATEX Certificate CB Test Certificate CB Certificate EAC certificate DNVGL certificate INMETRO certificate Lloyds Register Certificate EAC EX Certificate CCC Ex Certificate ATEX Certificate Declaration of Conformity Declaration of Conformity
Brochure/Catalogue	CAT 1 TERM 10/17 EN
Engineering Data	STEP
Engineering Data	EPLAN, WSCAD, Zuken E3.S
CADENAS eCATALOG	Cax data
User Documentation	Storage Conditions Terminal Blocks NTI ZDU/ZPE 10

3. Rating data IECEx/ATEX

The rating voltage and rated current is documented in NTI on page 2, subject Technical data according to IEC/EN 60079-7 (increased safety "eb"). In the past, the rated data were specified in the certificate.

	ZDU 10	ZPE 10
Rated voltage	690 V	-
Rated current	51 A / ΔT 40 K	-
Rated current with ZQV...	51 A / ΔT 40 K	-

For further questions please contact your sales office directly. All contacts for sales representatives are available here: www.weidmueller.com/contact

Best regards

Product Management

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We look forward to sharing ideas with you – [Let's connect.](#)