

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 16 and ZPE 16 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 16 and ZPE 16 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 16 product versions will be available from May 2020.

5. Affected parts

The following parts are affected:

- 1745230000 ZDU 16
- 1745240000 ZDU 16 BL
- 1830680000 ZDU 16 OR
- 1830650000 ZDU 16 SW
- 1745250000 ZPE 16

6. Data

1. Technical data

Current:

	ZDU 16 and all colour versions	ZPE 16
Product		
Part Number	1745230000	1745250000
IECEX Certificate of Conformity	IECEXULD05.0009U	
EC type Examination certificate	KEMA99ATEX5514U	
Rated Voltage	550 V	-
Rated Current	63 A	-
Operating temperature range	-50°C...+100°C	

New:

	ZDU 16 and all colour versions	ZPE 16
Product		
Part Number	1745230000	1745230000
IECEX Certificate of Conformity	IECEX ULD 15.0008 U	
EC type Examination certificate	DEMKO 15 ATEX 1467U	
Rated Voltage	690 V	-
Rated Current	68 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 INMETRO certificate Lloyds Register Certificate EAC EX Certificate CCC Ex Certificate ATEX Certificate Declaration of Conformity Declaration of Conformity
Brochure/Catalogue	CAT 1 TERM 16/17 EN
Engineering Data	STEP
Engineering Data	EPLAN, WSCAD, Zuken E3.S
CADENAS eCATALOG	Cax data
User Documentation	StorageConditionsTerminalBlocks NTI ZDU/ZPE 16

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 16	ZPE 16
Rated voltage	690 V	-
Rated current	68 A / ΔT 40 K	-
Rated current with ZQV...	66 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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Weidmüller – Your partner in Industrial Connectivity
We look forward to sharing ideas with you – **Let's connect.**