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Anlage zur Zeichengenehmigung / *Enclosure to marks approval*: **40060184**

Das nachfolgende Dokument VDE-AZ: 1809200-4790-0013/329759 – **TDK Electronics GmbH & Co OG,** mit Ausgabedatum 19.12.2025 umfasst 7 Seiten und wurde durch den Unterzeichner geprüft und freigegeben.

The subsequent document VDE-File-No.: 1809200-4790-0013/329759 – ***TDK Electronics GmbH & Co OG,*** *dated 2025-12-19 contains 7 pages and was tested and approved by the signatory.*

2025-12-19, Dipl.-Ing., Eur.-Ing. Jörg Göllner
Geprüft und freigegeben / *tested and approved*
Datum, Name, Unterschrift / *date, name, signature*

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Enclosure to license no. **40060184,** issued 2025-12-19, VDE-AZ. 1809200-4790-0013/337437 Certification holder TDK Electronics GmbH & Co OG

Table 1 (1 of 2)

Style (1)	Maximum continuous voltage		Voltage at 1 mA	Voltage at class current (8/20µs)		Max. peak current (8/20µs, 1 time)	Energy surge rating (2 ms, 1 time)	Maximum capacitance
CU3225	r.m.s. (V)	d.c. (V)	(V)	Class current(A)	Max. volt (V)	(A)	(J)	(pF)
CU3225K11	11	14	18	1,0	36	100	0,3	3000
CU3225K14	14	18	22	1,0	43	100	0,4	2500
CU3225K17	17	22	27	1,0	53	100	0,5	2000
CU3225K20	20	26	33	1,0	65	100	0,6	1800
CU3225K25	25	31	39	1,0	77	100	0,7	1000
CU3225K30	30	38	47	1,0	93	100	0,9	1500
CU3225K35	35	45	56	1,0	110	100	1,1	1250
CU3225K40	40	56	68	1,0	135	100	1,3	1200
CU3225K50	50	65	82	5,0	135	400	1,8	900
CU3225K60	60	85	100	5,0	165	400	2,2	600
CU3225K75	75	100	120	5,0	200	400	2,5	420
CU3225K95	95	125	150	5,0	250	400	3,4	350
CU3225K115	115	150	180	5,0	300	400	3,6	300
CU3225K130	130	170	205	5,0	340	400	4,2	240
CU3225K140	140	180	220	5,0	360	400	4,5	220
CU3225K150	150	200	240	5,0	395	400	4,9	200
CU3225K175	175	225	270	5,0	455	400	5,6	170
CU3225K210	210	270	330	5,0	550	400	7,0	155
CU3225K230	230	300	360	5,0	595	400	7,2	140
CU3225K250	250	320	390	5,0	650	400	8,2	120
CU3225K275	275	350	430	5,0	710	400	8,6	120
CU3225K300	300	385	470	5,0	775	400	9,6	110

(1) For explanation of style reference number, see clause 1.5.

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Table 2 (2 of 2)

Style (1)	Maximum continuous voltage		Voltage at 1 mA	Voltage at class current (8/20µs)		Max. peak current (8/20µs, 1 time)	Energy surge rating (2 ms, 1 time)	Maximum capacitance
CU4032	r.m.s. (V)	d.c. (V)	(V)	Class current(A)	Max. volt (V)	(A)	(J)	(pF)
CU4032K11	11	14	18	2,5	36	250	0,8	7000
CU4032K14	14	18	22	2,5	43	250	0,9	5500
CU4032K17	17	22	27	2,5	53	250	1,1	4000
CU4032K20	20	26	33	2,5	65	250	1,3	3000
CU4032K25	25	31	39	2,5	77	250	1,6	2500
CU4032K30	30	38	47	2,5	93	250	2,0	3000
CU4032K35	35	45	56	2,5	110	250	2,5	2300
CU4032K40	40	56	68	2,5	135	250	3,0	1900
CU4032K50	50	65	82	10,0	135	1200	4,2	1800
CU4032K60	60	85	100	10,0	165	1200	4,8	1000
CU4032K75	75	100	120	10,0	200	1200	5,9	790
CU4032K95	95	125	150	10,0	250	1200	7,6	700
CU4032K115	115	150	180	10,0	300	1200	8,4	640
CU4032K130	130	170	205	10,0	340	1200	9,5	580
CU4032K140	140	180	220	10,0	360	1200	10,0	550
CU4032K150	150	200	240	10,0	395	1200	11,0	520
CU4032K175	175	225	270	10,0	455	1200	13,0	380
CU4032K210	210	270	330	10,0	550	1200	15,0	340
CU4032K230	230	300	360	10,0	595	1200	17,0	300
CU4032K250	250	320	390	10,0	650	1200	19,0	240
CU4032K275	275	350	430	10,0	710	1200	21,0	210
CU4032K300	300	385	470	10,0	775	1200	23,0	170
CU4032K320	320	420	510	25,0	845	1200	25,0	155
CU4032K350	350	460	560	10,0	910	1200	24,0	75
CU4032K385	385	505	620	10,0	1025	1200	28,0	150
CU4032K420	420	560	680	10,0	1120	1200	32,0	140
CU4032K440	440	585	715	10,0	1180	1200	34,0	130
CU4032K460	460	615	750	10,0	1240	1000	36,0	120

CU4032K480	480	640	780	10,0	1300	1000	40,0	160

(1) For explanation of style reference number, see clause 1.5.

1.4 Marking

The varistors are marked with their:

- style reference (includes style – 3225 and 4032 without CU, tolerance, max. continuous r.m.s. voltage.)

3225	4032
K275	K275

- Manufacturer's code or trade mark
- Mark of certification (optional)
- Date of manufacture

1.5 Ordering information

Orders for varistors covered by this specification shall contain, in clear or in coded form, the following minimum information

Example CU 3225 K 275 A (B,C) G* K*

(i)	*CU*	Style – SMD.
(ii)	*3225*	Disc size (3225: 8.0x6.3mm; 4032: 10.0x8.0mm)
	K	Varistor voltage tolerance at 1 mA: K: ± 10 % (J: ± 5 %; L: ± 15 %; M: ± 20 %; S: special tolerance)

Max. continuous r.m.s. voltage

designation for special types

Taping, packing options (not effecting IEC specifications).
* = numbers 0~9 or letter X, stands for different packing styles.
G2 = Standard packing, reel diameter, 330mm
Customer specific options (not effecting IEC specifications): Optional
* = numbers 0~9

May be prefixed

Special varistor types with costumer specific tolerances (tolerance designation S in combination with the letters A, B or C) and varistors with special specifications designated by K* are available on request.

1.6 Certified records or released lots

Not required.

1.7 Additional information (not for inspection purposes)

The voltage indicated on the component is the maximum allowable steady state sinusoidal voltage at 50 - 60 Hz. When use is made of a supply voltage, the maximum continuous a.c. r.m.s. voltage = 1.1 x supply voltage. Should the varistor be subjected to voltage above the indicated voltage, it may fail by package rupture or expulsion material, causing a major problem in the equipment.

Coating information:

Material:	Polyphenylene Sulfide
Ref. No.:	1140A7
Supplier:	POLYPLASTICS

Material:	Polyphenylene Sulfide
Ref. No.:	Kingtron Z
Supplier:	KINGFA

1.8 Additional or increased severities or requirements to those specified in the generic and/or sectional specification

None.