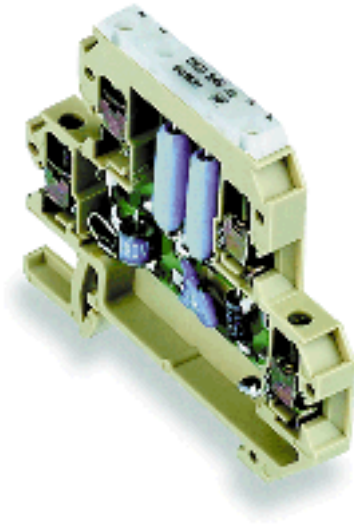


DK-SERIES
DKU 32 24VDC In:0,22A

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com



Slimline overvoltage protection terminal with screw connection

General ordering data

Type	DKU 32 24VDC In:0,22A
Order No.	801580000
Version	Surge protection for instrumentation and control, Rated voltage: 24 V
GTIN (EAN)	4008190102104
Qty.	10 pc(s).

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Technical data
Dimensions and weights

Length	65 mm	Width	6 mm
Height	60 mm	Net weight	18.2 g

Temperatures

Operating temperature	-25 °C...+60 °C	Storage temperature	-25 °C...+85 °C
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General data

Design	Terminal	Height with TS 32	60 mm
Mounting rail	TS 32	Protection degree	IP 20
Segment	Instrumentation and Control	UL 94 flammability rating	V-2

Insulation coordination acc. to EN 50178

Pollution severity	2	Surge voltage category	III
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Interference voltage

Protection level on output side Wire-wire 1 kV/μs, typically	35 V	Protection level on output side Wire-wire 8/20 μs, typically	45 V
Protection level on output side Wire-PE 1kV/μs, typically	35 V	Protection level on output side Wire-PE 8/20 μs, typically	45 V

Protective elements

Gas discharge tube	Yes
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technical data

Rated voltage (DC)	24 V	Rated current	0.3 A
Rated voltage	24 V	Rated voltage (DC), max.	28 V
Max. continuous voltage, U _c (AC)	28 V	Operating current, I _{max}	0.3 A
Fuse, max.	0.5 A	Discharge current, max. (8/20 μs)	5 kA
Protection level on output side Wire-wire 8/20 μs, typically	45 V	Protection level on output side Wire-PE 8/20 μs, typically	45 V
AC/DC/UC	AC/DC	Response time	≤ 100 ps
Operating voltage	28 V	Volume resistance	3.00 Ω
Cross-section	2.5 mm ²	Limiting frequency (-3 dB) at load resistance	500 kHz 240 Ω

Connection data

Clamping range, rated connection	4 mm ²	Clamping range, rated connection, max.	4 mm ²
Tightening torque, min.	0.4 Nm	Tightening torque, max.	0.6 Nm
Wire connection cross section, finely stranded, max.	4 mm ²		

EX protection data

Certificate No. (ATEX)

Data sheet

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Technical data

Ratings IECEx/ATEX

Certificate No. (ATEX)

Classifications

ETIM 3.0	EC000943	UNSPSC	30-21-18-11
eClass 5.1	27-14-11-27	eClass 6.2	27-13-08-02
eClass 7.1	27-14-11-27		

Product information

Descriptive text ordering data	DKU 35 height 57 mm
Descriptive text accessories	End plate AP DKT4 PA: 0687560000

Approvals

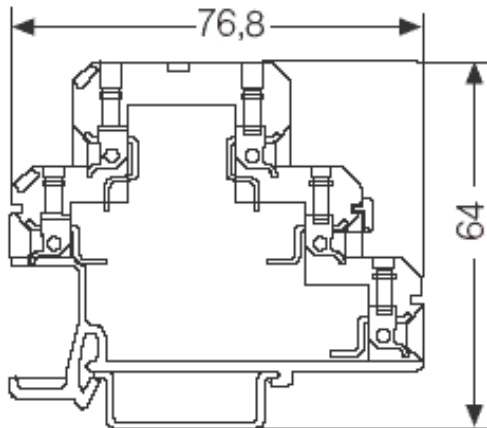
Approvals



ROHS	Conform
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Downloads

Declaration of Conformity	K017_08_09.pdf
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Data sheet**DK-SERIES**
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Circuit diagram

Electric symbol