



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



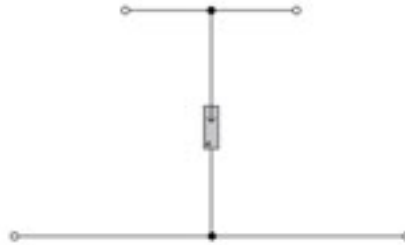
## Contact us

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#### General ordering data

Order No.	9400400000
Part designation	DK 4/32 U 90V 20KA
Version	Surge protection for instrumentation and control, {Reference (AttributeDefinition) not found: pattr2500833906422}, Rated voltage: 48 V
EAN	4008190017392
Qty.	25 pc(s).

#### Clamped conductors

Flexible w. ferrule, min. (DIN 46228-1)	0.5 mm <sup>2</sup>
Flexible, max.	4 mm <sup>2</sup>
Flexible, min.	0.5 mm <sup>2</sup>
Rated cross-section for solid/flexible with ferrule	4 mm <sup>2</sup>
Rated cross-section, max. ferrules	2.5 mm <sup>2</sup>
Tightening torque range	0.5...1.0 Nm
Type of connection	Screw connection

#### General data

Design	Terminal
Storage temperature	-25 ... 85°C
Ambient temperature (operational)	-25 ... 60°C

#### Insulation coordination acc. to EN 50178

Overvoltage category	III
Pollution severity	2

#### Interference voltage

Protection level on output side unsym., input 1kV/ 550 V  
μs, typ.

#### Technical data

Rated voltage (DC), max.	50 V
Rated voltage (AC)	60 V
Rated voltage, max.	35 V

#### Technical data

Rated voltage	48 V
Rated voltage (DC)	90 V
Discharge current, max. (8/20 µs)	20 kA
Sparkover time	≤ 1 µs
Fuse, max.	16 A

#### Dimensions

Clamping range, max.	4 mm <sup>2</sup>
Clamping range, min.	0.5 mm <sup>2</sup>
Clamping range, nom.	4 mm <sup>2</sup>
Length	50 mm
Height	56 mm
Width	12 mm

#### Approvals

Approvals institutes

**ATEX**

#### Classifications

ETIM 2.0	EC000943
ETIM 3.0	EC000943
eClass 4.1	27-14-11-27
eClass 5.0	27-14-11-27
eClass 5.1	27-14-11-27

#### Similar products

Order No.	Part designation	Version
9400500000	DK 4/35 U 90V 20KA	Surge protection for instrumentation and control, {Reference (AttributeDefinition) not found: pattr2500833906422}, Rated voltage: 48 V
9400540000	DK 4/35 U 470V 20KA	Surge protection for instrumentation and control, {Reference (AttributeDefinition) not found: pattr2500833906422}, Rated voltage: 350 V
9400550000	DK 4/35 U 600V 20KA	Surge protection for instrumentation and control, {Reference (AttributeDefinition) not found: pattr2500833906422}, Rated voltage: 600 V
9400300000	DK 4/35 U 90V 5KA	Surge protection for instrumentation and control, {Reference (AttributeDefinition) not found: pattr2500833906422}, Rated voltage: 90 V