



#### General ordering data

Order No.	9400300000
Part designation	DK 4/35 U 90V 5KA
Version	Surge protection for instrumentation and control, {Reference (AttributeDefinition) not found: pattr2500833906422}, Rated voltage: 90 V
EAN	4008190439774
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	90 V
Rated voltage (DC)	90 V
Discharge current, max. (8/20 µs)	5 kA
Sparkover time	≤ 1 µs
Fuse, max.	10 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	n.a.
----------------------	------

#### 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
9400400000	DK 4/32 U 90V 20KA	Surge protection for instrumentation and control, {Reference (AttributeDefinition) not found: pattr2500833906422}, Rated voltage: 48 V