



General ordering data

Order No.	9400500000
Part designation	DK 4/35 U 90V 20KA
Version	Surge protection for instrumentation and control, {Reference (AttributeDefinition) not found: pattr2500833906422}, Rated voltage: 48 V
EAN	4008190092931
Qty.	25 pc(s).

Clamped conductors

Flexible w. ferrule, min. (DIN 46228-1)	0.5 mm ²
Flexible, max.	4 mm ²
Flexible, min.	0.5 mm ²
Rated cross-section for solid/flexible with ferrule	4 mm ²
Rated cross-section, max. ferrules	2.5 mm ²
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 ²
Clamping range, min.	0.5 mm ²
Clamping range, nom.	4 mm ²
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
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
9400400000	DK 4/32 U 90V 20KA	Surge protection for instrumentation and control, {Reference (AttributeDefinition) not found: pattr2500833906422}, Rated voltage: 48 V