



#### General ordering data

Order No.	9503300000
Part designation	KDKS 1
Version	Fuse terminal, 4 mm <sup>2</sup> , Screw connection, PA 66, beige, TS 32
EAN	4008190085858
Qty.	50 pc(s).

#### Product notes

Note, ordering data	Max. power loss (1.6 W) at the cartridge fuse limits the rated current.
Note, technical data	Note: max. conductor size = 2.5 mm <sup>2</sup> when using the cross-connection.

#### Additional technical data

Colour of insulating material	beige
Connection direction	on side
End plate required	Yes
Explosion-tested version "Ex e"	No
Installation advice	TS 32
Insulating material	PA 66
Levels cross-connected internally	No
No. of identical terminals	1
No. of levels	2
No. of terminal strips per level	2
Open sides	right
Operating temperature range	- 50 °C, + 100 °C
Product family	SAK Series
Type of connection	Screwed
Type of mounting	Snap-on
UL 94 flammability rating of insulation material	V2
Version	Fuse terminal

#### Conductors for clamping (additional connection)

Flexible with ferrule, min. (DIN 46228 pt 1)	0.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228 pt 1)	4 mm <sup>2</sup>

#### Conductors for clamping (rated connection)

Clamping range, min.	0.33 mm <sup>2</sup>
Clamping range, max.	4 mm <sup>2</sup>

#### Conductors for clamping (rated connection)

Type of connection	Screw connection
2nd type of connection	screwed
Connection direction	on side
No. of connections	4
Stripping length	8 mm
Clamping screw	M 3
Blade size	0.6 x 3.5 mm
Tightening torque range	0.5...0.8 Nm
Torque level with DMS electric screwdriver	2
Gauge to IEC 60947-1	A3
Solid, min.	0.5 mm <sup>2</sup>
Solid, max.	4 mm <sup>2</sup>
Stranded, min.	1.5 mm <sup>2</sup>
Stranded, max.	4 mm <sup>2</sup>
Flexible, min.	0.5 mm <sup>2</sup>
Flexible, max.	4 mm <sup>2</sup>
Flexible with ferrule, min. (DIN 46228/1)	0.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228/1)	4 mm <sup>2</sup>
Twin wire-end ferrule, min.	0.5 mm <sup>2</sup>
Twin wire end ferrule, max.	1.5 mm <sup>2</sup>
AWG conductor size, max.	AWG 12
AWG conductor size, max.	3.31 mm <sup>2</sup>

#### Dimensions

Width	8 mm
Height of lowest version	55.6 mm
Length	73.5 mm
TS 32 offset	36.5 mm

#### Disconnect terminals

Torque level with DMS electric screwdriver	2
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#### Display element

Operating voltage for display, max.	500 V
Type of voltage for indicator	AC

#### Fuse terminals

Cartridge fuse	G-Si. 5 x 20
Display	Without LED
Fuse holder (cartridge holder)	Pivoting
Operating voltage, max.	500
Type of voltage for indicator	AC

#### Rating data

Rated cross-section	4 mm <sup>2</sup>
Rated voltage	500 V
Rated impulse voltage	6 kV
Rated current	6.3 A
Standards	IEC 60947-7-3
Current with max. conductor	6.3 A
Pollution severity	3

### Rating data

#### UL rating data

Voltage (UL)	300 V
Current (UL)	10 A
Min. cross-section (UL)	AWG 22
Max. cross-section (UL)	AWG 12

#### Approvals

Approvals institutes



#### Classifications

ETIM 2.0	EC000899
ETIM 3.0	EC000899
eClass 4.1	27-14-11-16
eClass 5.0	27-14-11-16
eClass 5.1	27-14-11-16

#### Similar products

Order No.	Part designation	Version
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