

17382.6

SDK 4/1A/1L GR

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M3



EAC



Feed-through terminal, Screw connection, Mounting type: Mounting surface, Rated cross-section: 4 mm², Colour: Grey

Business data

Product description	Panel feed-through terminal
Packaging unit	50
Quantity unit	PC
Weight per piece (not including packaging)	8.19
Weight per piece (including packaging)	8.23
Unit of weight	G
Customs number	85369010
Country of origin	DE

17382.6

SDK 4/1A/1L GR

SDK 4/1A/1L GR

Technical Data

Dimensions

Length of outer part	27.5 mm
Length of inner part	7.3 mm
Width of outer part	8.1 mm
Width of inner part	8.1 mm
Height of outer part	28.2 mm
Height of inner part	28.4 mm

Ratings

Rated voltage	250 V
Rated voltage when used without outer spacer plates, and when mounted on a conductive housing panel with use of encapsulation compound or inner partition plates	630 V
Rated voltage when used with outer spacer plates, and when mounted on a conductive housing panel with use of encapsulation compound or inner partition plates	1000 V
Rated current	32 A
Current load, max.	41 A
Rated cross-section	4 mm ²
Rated impulse voltage	6 kV
Overvoltage category	III
Contamination degree	3

17382.6

SDK 4/1A/1L GR

SDK 4/1A/1L GR

Technical Data

Connection data

Connection principle	Screw connection
Number of terminals per pole	2
No. of poles	1
Wire cross-section single-core (rigid) / stranded, min.	0.2 mm ²
Wire cross-section single core (rigid)/stranded, max.	6 mm ²
Wire cross-section stranded, min.	0.2 mm ²
Wire cross-section stranded, max.	4 mm ²
Wire cross-section stranded with wire-end ferrules, min.	0.2 mm ²
Wire cross-section stranded with wire-end ferrules, max.	4 mm ²
Wire cross-section AWG, min.	26
Wire cross-section AWG, max.	10
Stripping length	10 mm
Screw head	Slotted
Screw threading	M 3
Tightening torque, min.	0.5 Nm
Tightening torque, max.	1 Nm

17382.6

SDK 4/1A/1L GR

SDK 4/1A/1L GR

Technical Data

Materials

Insulation housing	Polyamide 6.6
Flammability class UL 94	V-0
Working temperature, min.	-40 °C
Working temperature, max.	120 °C

Further technical data

Mounting type	Mounting face
Gauge plug acc. to EN 60 947-1	A4
Sheet thickness, min.	1 mm
Max. sheet thickness	4 mm
Sheet thickness when using spacer plates, min.	1 mm
Sheet thickness when using spacer plates, max.	3 mm
Thickness of mounting plate, min.	1
Thickness of mounting plate, max.	4

17382.6

SDK 4/1A/1L GR

SDK 4/1A/1L GR

Approvals

Standards and regulations

EAC approval	TR ZU 004/2011
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EAC approval granted	✓
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17382.6

SDK 4/1A/1L GR

SDK 4/1A/1L GR

Approvals

cUL Recognized

cUL Recognized	C22.2 No 158
cUL Recognized	✓
cUL Usegroup B: rated voltage	300 V
cUL Usegroup B: rated voltage when using the SDK ...-DP spacer plate	300 V
cUL Usegroup B: rated voltage when using the SDK 4-DP spacer plate and the SDK 4-VPI moulded plate or the SDK 4-TWI partition	600 V
cUL Usegroup B: rated current	30 A
cUL Usegroup B: rated current when using the SDK ...-DP spacer plate	30 A
cUL Usegroup B: rated current when using the SDK 4-DP spacer plate and the SDK 4-VPI moulded plate or the SDK 4-TWI partition	30 A
cUL Usegroup C: rated voltage when using the SDK 4-DP spacer plate	300 V
cUL Usegroup C: rated voltage when using the SDK 4-DP spacer plate and the SDK 4-VPI moulded plate or the SDK 4-TWI partition	600 V
cUL Usegroup C: rated current when using the SDK 4-DP spacer plate	30 A
cUL Usegroup C: rated current when using the SDK 4-DP spacer plate and the SDK 4-VPI moulded plate or the SDK 4-TWI partition	30 A
cUL Usegroup D: rated voltage	300 V
cUL Usegroup D: rated voltage when using the SDK 4-DP spacer plate	600 V
cUL Usegroup D: rated voltage when using the SDK ...-DP spacer plate and the SDK ...-AP adapter plate	300 V
cUL Usegroup D: rated current	30 A
cUL Usegroup D: rated current when using the SDK 4-DP spacer plate	5 A
cUL Usegroup D: rated current when using the SDK ...-DP spacer plate and the SDK ...-AP adapter plate	30 A
cUL wire cross-section single-core (rigid) AWG, max.	26
cUL wire cross-section single-core (rigid) AWG, max.	10

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Phone: +49 (0) 52 57 98 33-0 | Fax: +49 (0) 52 57 98 33-38 | E-Mail: info@conta-clip.de | conta-clip.de

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AWG, max. 26

17382.6

SDK 4/1A/1L GR

SDK 4/1A/1L GR

Approvals

cUL Recognized

cUL wire cross-section stranded AWG, min.	26
cUL wire cross-section stranded AWG, max.	10
cUL torque, min.	0.5 Nm
cUL torque, max.	1 Nm
cUL wire material	Cu

KEMA KEUR approval

KEMA KEUR approval	EN 60947-7-1
KEMA KEUR approval granted	✓
KEMA rated voltage	250 V
KEMA rated voltage when used outside without spacer plates, and inside when mounted on a conductive housing panel with use of encapsulation compound or partition plate	630 V
KEMA rated voltage when used with outer spacer plates, and when mounted on a conductive housing panel with use of encapsulation compound or inner partition plates	1000 V
KEMA rated current	32 A
KEMA conventional thermal current in free air	41 A
KEMA rated impulse voltage (for 250 V without partitions)	6 (4) kV
KEMA wire cross-section, min.	0.2 mm ²
KEMA wire cross-section, max.	6 mm ²

17382.6

SDK 4/1A/1L GR

SDK 4/1A/1L GR

Approvals

UL Recognized

UL Recognized	UL 1059
UL Recognized granted	✓
UL Usegroup B: rated voltage	300 V
UL Usegroup B: rated voltage when using the SDK ...-VPI moulded plate and the SDK ...-TWI partition	300 V
UL Usegroup B: rated voltage when using the SDK 4-DP spacer plate and the SDK 4-VPI moulded plate or the SDK 4-TWI partition	600 V
UL Usegroup B: rated current	30 A
UL Usegroup B: rated current when using the SDK ...-VPI moulded plate and the SDK ...-TWI partition	30 A
UL Usegroup B: rated current when using the SDK 4-DP spacer plate and the SDK 4-VPI moulded plate or the SDK 4-TWI partition	30 A
UL Usegroup C: rated voltage when using the SDK 4-VPI moulded plate or the SDK 4-TWI partition	300 V
UL Usegroup C: rated voltage when using the SDK 4-DP spacer plate and the SDK 4-VPI moulded plate or the SDK 4-TWI partition	600 V
UL Usegroup C: rated current when using the SDK 4-VPI moulded plate or the SDK 4-TWI partition	30 A
UL Usegroup C: rated current when using the SDK 4-DP spacer plate and the SDK 4-VPI moulded plate or the SDK 4-TWI partition	30 A
UL Usegroup D: rated voltage	300 V
UL Usegroup D: rated voltage when using the SDK 4-VPI moulded plate or the SDK 4-TWI partition	300 V
UL Usegroup D: rated current	30 A
UL Usegroup D: rated current when using the SDK 4-VPI moulded plate or the SDK 4-TWI partition	30 A
UL wire cross-section single-core (rigid) AWG, min.	26
UL wire cross-section single-core (rigid) AWG, max.	10
UL wire cross-section stranded AWG, min.	26
UL wire cross-section stranded AWG, max.	10

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Tel +49 (0) 52 57 98 23-0 | Fax +49 (0) 52 57 98 23-33 | E-Mail info@conta-clip.de | conta-clip.de

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Subject to technical modifications

17382.6

SDK 4/1A/1L GR

SDK 4/1A/1L GR

Approvals

UL Recognized

UL torque, min.	4.42 Lb In.
UL torque, max.	8.85 Lb In.
UL wire material	Cu
UL factory wiring	✓
UL field wiring	✓

17382.6

SDK 4/1A/1L GR

SDK 4/1A/1L GR

Media



EAC



CRV[®] US

17382.6

SDK 4/1A/1L GR

SDK 4/1A/1L GR

Accessories

Fastening screw, inside



Screw, Colour: natural

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
17438.6	BS-SDK4 3x10	4044211206253	100 PC

Outer spacer plate



Partition plate, Width: 3 mm, Colour: Grey

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
17434.6	SDK 4-DPA	4044211206222	50 PC

17382.6

SDK 4/1A/1L GR

SDK 4/1A/1L GR

Accessories

Set of flange plates (outside)

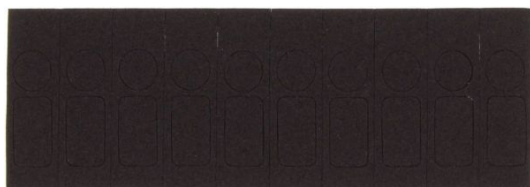


Flange plate, Colour: Grey

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
17432.6	SDK 4-FP	4044211199265	50 PC

Foam seal, perforated



Seal, Colour: Dark grey

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
17436.4	SDK 4-SPI/10	4044211206574	100 PC

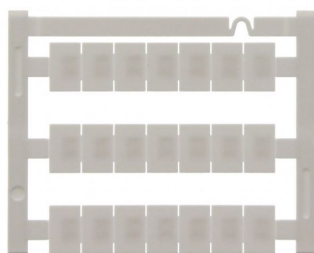
17382.6

SDK 4/1A/1L GR

SDK 4/1A/1L GR

Accessories

Quick-marking



Terminal marker / Pocket Maxicard, Length: 12 mm,
Width: 8 mm, Colour: White

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
9410.7	PMC BSTR 8x12/21 WH	4044211154998	210 PC

Screw driver



Screwdriver with bare blade, Colour: Black-grey

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
1086.0	SDB 0,6x3,5	4044211014797	1 PC

17382.6

SDK 4/1A/1L GR

SDK 4/1A/1L GR

Accessories

Moulded plate, inside



Partition plate, Width: 7 mm, Colour: Grey

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
17437.6	SDK 4-VPI	4044211206246	50 PC
