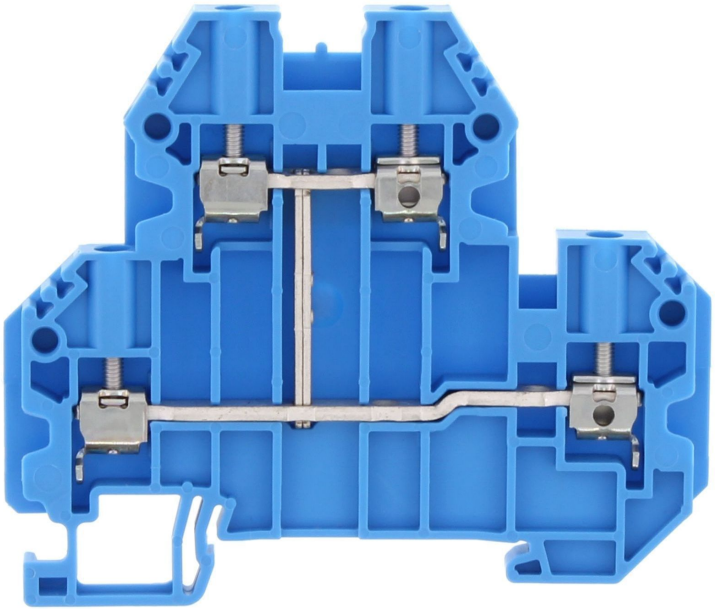
Data sheet

17181.5 SRKD 2,5/SV BU



Double-level terminal, Screw connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 2.5 mm², Width: 5.1 mm, Colour: Blue

RAL: Ähnlich 5005

Business data

Article number	17181.5
Article name	SRKD 2,5/SV BU
GTIN (EAN)	4044211190699
Packaging unit	100
Quantity unit	PC
Weight per piece (not including packaging)	16.85 g
Weight per piece (including packaging)	16.95 g
Unit of weight	G
Customs number	85369010
Country of origin	CZ
Prio-Article	17181.2
Product description	Double-level terminal

Data sheet

17181.5 SRKD 2,5/SV BU

Technical data

Dimensions

Length	76 mm
Width	5.1 mm
Height TS 35/7.5	65 mm

Ratings

Rated voltage	1000 V
Rated current	24 A
Current load, max.	32 A
Rated cross-section	2.5 mm²
Rated impulse voltage	8 kV
Overvoltage category	III
Contamination degree	3
Maximum power dissipation for nominal condition	1.54 W

Connection data

Connection principle	Screw connection
Connection position	Lateral
Connections	4
Number of terminals per level	2
Number of levels	2
Levels internally bridged	✓
Wire cross-section single-core (rigid) / stranded, min.	0.2 mm²
Wire cross-section single core (rigid)/stranded, max.	4 mm²
Wire cross-section stranded, min.	0.2 mm²
Wire cross-section stranded, max.	4 mm²
Wire cross-section stranded with wire-end ferrules, min.	0.2 mm²
Wire cross-section stranded with wire-end ferrules, max.	2.5 mm²
Wire cross-section AWG, min.	30
Wire cross-section AWG, max.	12
Stripping length	10 mm
Screw head	Slotted
Screw threading	M 2,5
Tightening torque, min.	0.4 Nm
Tightening torque, max.	0.8 Nm

Data sheet

17181.5 SRKD 2,5/SV BU

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 rail TS 35/7,5
Gauge plug acc. to EN 60 947-1	A3
Number of cross-connection channels	2
End plate required	✓
Number of test pick-off options	1

Environmental Product Compliance

REACH Conform	yes
REACH Reference date	2022-06-10
REACH Candidate Substance Note	No
RoHS Conform	yes

Approvals

Standards and regulations

EAC approval	TR ZU 004/2011
EAC approval granted	yes

cUL Recognized

cUL approval	C22.2 No 158
cUL Usegroup B: rated voltage	600 V
cUL Usegroup B: rated current	20 A
cUL Usegroup C: rated voltage	600 V
cUL Usegroup C: rated current	20 A
cUL Usegroup D: rated voltage	600 V
cUL Usegroup D: rated current	20 A
cUL wire cross-section single-core (rigid) AWG, min.	30
cUL wire cross-section single-core (rigid) AWG, max.	12
cUL wire cross-section stranded AWG, min.	30
cUL wire cross-section stranded AWG, max.	12
cUL torque, min.	0.4 Nm
cUL torque, max.	0.8 Nm
cUL wire material	Cu
cUL Recognized	1

KEMA KEUR approval

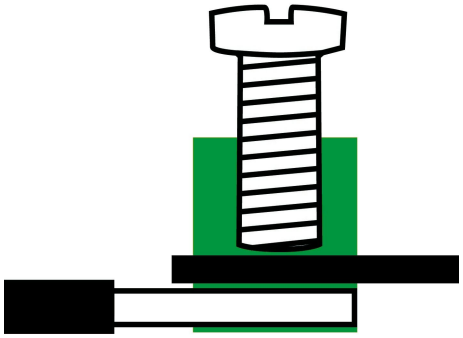
KEMA KEUR approval	EN 60947-7-1:2009
KEMA KEUR approval granted	yes
KEMA rated voltage	1000 V
KEMA rated current	24 A
KEMA rated impulse voltage	8 kV
KEMA wire cross-section single core (rigid), min.	0.2 mm²
KEMA wire cross-section single-core (rigid), max.	4 mm²
KEMA wire cross-section stranded, min.	0.2 mm²
KEMA wire cross-section stranded, max.	4 mm²

Approvals

UL Recognized

UL approval	UL 1059
UL Usegroup B: rated voltage	600 V
UL Usegroup B: rated current	20 A
UL Usegroup C: rated voltage	600 V
UL Usegroup C: rated current	20 A
UL Usegroup D: rated voltage	600 V
UL Usegroup D: rated current	20 A
UL wire cross-section single-core (rigid) AWG, min.	30
UL wire cross-section single-core (rigid) AWG, max.	12
UL wire cross-section stranded AWG, min.	30
UL wire cross-section stranded AWG, max.	12
UL torque, min.	3.5 Lb In.
UL torque, max.	7 Lb In.
UL wire material	Cu
UL factory wiring	1
UL field wiring	1
UL Recognized	1

Media



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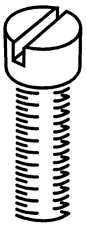


Accessories

End plate

End plate, Width: 1.5 mm, Colour: Beige

Article number	Article name	GTIN (EAN)	Packaging unit
17292.2	SAPD 2,5-4 BG	4044211190828	20

End stop

End stop, Mounting type: Mounting rail TS 35/7.5 and TS 35/15, Width: 8 mm, Colour: Beige

Article number	Article name	GTIN (EAN)	Packaging unit
17250.2	SES 35 BG	4044211178253	50

Insulation cap for cross-connector

Insulating cap, Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
17200.8	SQIK 2,5-10 YE	4044211148539	20

Insulated cross-connector

Insulated cross-connector, No. of poles: 4, Mounting type: Plug in, Width: 20.1 mm, Rated cross-section: 2.5 mm², Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
17203.8	SQI 2,5/4 YE	4044211148560	20

Insulated cross-connector, No. of poles: 6, Mounting type: Plug in, Width: 30.3 mm, Rated cross-section: 2.5 mm², Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
17205.8	SQI 2,5/6 YE	4044211148584	20

Insulated cross-connector

Insulated cross-connector, No. of poles: 9, Mounting type: Plug in, Width: 45.6 mm, Rated cross-section: 2.5 mm², Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
17208.8	SQI 2,5/9 YE	4044211148614	10

Insulated cross-connector, No. of poles: 30, Mounting type: Plug in, Width: 152.7 mm, Rated cross-section: 2.5 mm², Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
17210.8	SQI 2,5/30 YE	4044211148638	5

Insulated cross-connector, No. of poles: 3, Mounting type: Plug in, Width: 15 mm, Rated cross-section: 2.5 mm², Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
17202.8	SQI 2,5/3 YE	4044211148553	50

Insulated cross-connector, No. of poles: 5, Mounting type: Plug in, Width: 25.2 mm, Rated cross-section: 2.5 mm², Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
17204.8	SQI 2,5/5 YE	4044211148577	20

Insulated cross-connector, No. of poles: 2, Mounting type: Plug in, Width: 9.9 mm, Rated cross-section: 2.5 mm², Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
17201.8	SQI 2,5/2 YE	4044211148546	50

Insulated cross-connector, No. of poles: 7, Mounting type: Plug in, Width: 35.4 mm, Rated cross-section: 2.5 mm², Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
17206.8	SQI 2,5/7 YE	4044211148591	20

Insulated cross-connector, No. of poles: 8, Mounting type: Plug in, Width: 40.5 mm, Rated cross-section: 2.5 mm², Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
17207.8	SQI 2,5/8 YE	4044211148607	10

Data sheet

17181.5 SRKD 2,5/SV BU

Insulated cross-connector

Insulated cross-connector, No. of poles: 10, Mounting type: Plug in, Width: 50.7 mm, Rated cross-section: 2.5 mm², Colour: Yellow

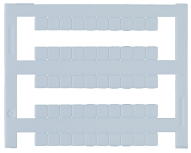
Article number	Article name	GTIN (EAN)	Packaging unit
17209.8	SQI 2,5/10 YE	4044211148621	10

Screwdriver

Screwdriver with bare blade, Colour: Black-grey

Article number	Article name	GTIN (EAN)	Packaging unit
1085.0	SDB 0,5x3,0	4044211014643	1 ST

Quick marking



Terminal marker / Pocket Maxicard, Length: 5 mm, Width: 5 mm, Colour: White

Article number	Article name	GTIN (EAN)	Packaging unit
4600.7	PMC SB 5/50 WH	4044211088903	500 ST