

UKKB 10/2,5-PV

Order No.: 2775485

The illustration shows version UKKB 10/2,5

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Double-level terminal block with a screw connection, cross section: 0.5 mm² - 10 mm², AWG: 24 - 6, width: 10.2 mm, color: Gray

Commercial data

EAN	4017918068592
Pack	50 Pcs.
Customs tariff	85369010
Weight/Piece	0.042436 KG
Catalog page information	Page 292 (CL-2007)

Product notes

WEEE/RoHS-compliant since:
01/01/2003



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Technical data

General

Number of levels	2
Number of connections	4
Color	gray
Insulating material	PA
Inflammability class acc. to UL 94	V0

Dimensions

Width	10.2 mm
Length	77.5 mm
Height NS 35/7,5	73 mm
Height NS 35/15	80.5 mm
Height NS 32	78 mm

Technical data

Rated surge voltage	6 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Nominal voltage U_N	500 V

Connection data

Conductor cross section solid min.	0.5 mm ²
Conductor cross section solid max.	16 mm ²
Conductor cross section stranded min.	0.5 mm ²
Conductor cross section stranded max.	10 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.5 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	10 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	6 mm ²
2 conductors with same cross section, solid min.	0.5 mm ²
2 conductors with same cross section, solid max.	6 mm ²
2 conductors with same cross section, stranded min.	0.5 mm ²
2 conductors with same cross section, stranded max.	4 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	6 mm ²

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	6 mm ²
Type of connection	Screw connection
Internal cylindrical gage	B6
Screw thread	M 4
Tightening torque, min	1.5 Nm
Tightening torque max	1.8 Nm

Certificates / Approvals

Approval logo



CSA

Comments	Lower level
Nominal voltage U _N	300 V
Nominal current I _N	65 A
AWG/kcmil	24-6
Comments	Upper level
Nominal voltage U _N	300 V
Nominal current I _N	20 A
AWG/kcmil	28-12

CUL

Comments	Lower level
Nominal voltage U _N	600 V
Nominal current I _N	65 A
AWG/kcmil	24-6
Comments	Upper level
Nominal voltage U _N	600 V
Nominal current I _N	20 A
AWG/kcmil	30-12

UL

Comments	Lower level
Nominal voltage U_N	600 V
Nominal current I_N	65 A
AWG/kcmil	24-6
Comments	Upper level
Nominal voltage U_N	600 V
Nominal current I_N	20 A
AWG/kcmil	30-12
Certification	CSA, CUL, GOST, UL

Accessories

Item	Designation	Description
Assembly		
3022218	CLIPFIX 35	Snap-on end bracket, for 35 mm NS 35/7.5 or NS 35/15 mounting rail, can be fitted with Zack strip ZB 8 and ZB 8/27, terminal strip marker KLM 2 and KLM, width: 9.5 mm, color: gray
3001394	D-UKKB 10	Cover, width: 1.5 mm, color: gray
1201413	E/UK 1	End brackets, for supporting the ends of double-level and three-level terminal blocks, width: 10 mm, color: gray
1201028	NS 32 AL UNPERF 2000MM	G rail 32 mm (NS 32)
1201280	NS 32 CU/120QMM UNPERF 2000MM	G-profile DIN rail, deep-drawn, material: Copper, unperforated, height 15 mm, width 32 mm, length 2 m
1201358	NS 32 CU/35QMM UNPERF 2000MM	G-profile DIN rail, material: Copper, unperforated, height 15 mm, width 32 mm, length 2 m
1201002	NS 32 PERF 2000MM	G-profile DIN rail, material: Steel, perforated, height 15 mm, width 32 mm, length 2 m
1201015	NS 32 UNPERF 2000MM	G-profile DIN rail, material: Steel, unperforated, height 15 mm, width 32 mm, length 2 m
0801762	NS 35/ 7,5 CU UNPERF 2000MM	DIN rail, material: Copper, unperforated, height 7.5 mm, width 35 mm, length: 2 m
0801733	NS 35/ 7,5 PERF 2000MM	DIN rail, material: Steel, perforated, height 7.5 mm, width 35 mm, length: 2 m
0801681	NS 35/ 7,5 UNPERF 2000MM	DIN rail, material: Steel, unperforated, height 7.5 mm, width 35 mm, length: 2 m
1201756	NS 35/15 AL UNPERF 2000MM	DIN rail, deep-drawn, high profile, unperforated, 1.5 mm thick, material: Aluminum, height 15 mm, width 35 mm, length 2 m
1201895	NS 35/15 CU UNPERF 2000MM	DIN rail, material: Copper, unperforated, 1.5 mm thick, height 15 mm, width 35 mm, length: 2 m

1201730	NS 35/15 PERF 2000MM	DIN rail, material: Steel, perforated, height 15 mm, width 35 mm, length: 2 m
1201714	NS 35/15 UNPERF 2000MM	DIN rail, material: Steel, unperforated, height 15 mm, width 35 mm, length: 2 m
1201798	NS 35/15-2,3 UNPERF 2000MM	DIN rail, material: Steel, unperforated, 2.3 mm thick, height 15 mm, width 35 mm, length: 2 m
Bridges		
0203153	EB 2-10	Insertion bridge, 2-pos., fully insulated
0203328	EB 3-10	Insertion bridge, 3-pos., fully insulated
0203137	EB 10-10	Insertion bridge, 10-pos., divisible, fully insulated
2303145	EBL 2- 5	Insertion bridge, 2-pos., fully insulated
2303158	EBL 3- 5	Insertion bridge, 3-pos., fully insulated
2303132	EBL 10- 5	Insertion bridge, 10-pos., divisible, fully insulated
0203483	FBI 2-10	Fixed bridge, for cross connections, with screws, screw heads without insulation, 2-pos.
0203276	FBI 10-10	Fixed bridge, 10-pos., screw heads with insulating collar, divisible, with screws
2770642	FBRI 10-5 N	Fixed bridge, for cross connections in the terminal center, with fixed crimped rolls, screw heads with insulating collar as shock protection, 10-pos., divisible
3000434	FBRI 12-5 N	Fixed bridge, for cross connections in the terminal center, with fixed crimped rolls, screw heads with insulating collar as shock protection, 12-pos.
3000476	FBRI 16-5 N	Fixed bridge, for cross connections in the terminal center, with fixed crimped rolls, screw heads with insulating collar as shock protection, 16-pos.
3000515	FBRI 20-5 N	Fixed bridge, for cross connections in the terminal center, with fixed crimped rolls, screw heads with insulating collar as shock protection, 20-pos.
3006823	FBRI 40-5 N	Fixed bridge, for cross connections in the terminal center, with fixed crimped rolls, screw heads with insulating collar as shock protection, 40-pos.
1303337	IS-K 10	Bridge bar isolator, as distance piece
0301521	ISSBI 10-10	Isolator bridge bar, 10-position, divisible, with screws, for switchable branches
0203205	KB- 10	Chain bridge, across any number of terminal blocks, 1-pos., with screw
0203234	SB 2-10/15	Switching bridge, 2-pos.
1413230	SBRN 2-7	Switching bridge, 2-pos.
2303239	USBR 2-7	Switching bridge, 2-pos.
2305538	USBRJ 2-7	Switching bridge, for bridged terminal groups, 2-pos.

Marking

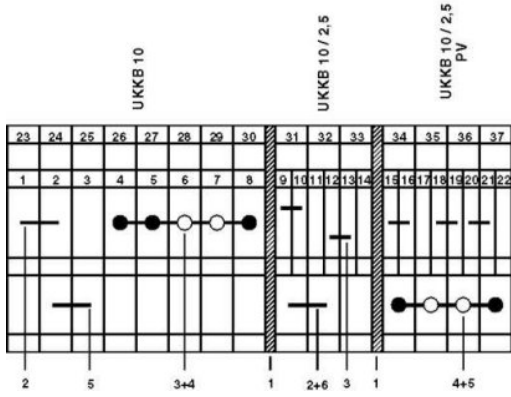
1007248	SBS10:UNBEDRUCKT	Marker cards, unprinted, for individual labeling with the M-PEN, 250-section, perforated, white plastic
1050295	ZB 5:SO/CMS	Zack strip, 10-section, divisible, special printing, marking according to customer requirements
1050525	ZB10:SO/CMS	Zack strip, 10-section, divisible, special printing, marking according to customer requirements

Plug/Adapter

2303543	KSS 5	Short circuit connector, for short circuiting neighboring terminal blocks, can only be used with PSB or PSBJ, 2-pos., pitch: 5.2 mm, color: Black
0310541	KSS 10	Short circuit connector, for short circuiting neighboring terminal blocks, can only be used with PSB or PSBJ, 2-pos., pitch: 10.2 mm, color: Black
0601292	PSB 3/10/4	Test plug socket, not insulated, length: 10 mm, screw thread width: 3 mm, socket width: 4 mm
0303299	PSB 4/7/6	Test plug socket, not insulated, length: 7 mm, screw thread width: 4 mm, socket width: 6 mm
0201304	PSBJ 3/13/4	Test plug socket, insulated, length: 13 mm, screw thread width: 3 mm, socket width: 4 mm, insulation material transparent
0303406	PSBJ 4/15/6 BK	Test plug socket, insulated, length: 15 mm, screw thread width: 4 mm, socket width: 6 mm, insulation material in black
0303354	PSBJ 4/15/6 BU	Test plug socket, insulated, length: 15 mm, screw thread width: 4 mm, socket width: 6 mm, insulation material in blue
0303419	PSBJ 4/15/6 FARBLOS	Test plug socket, insulated, length: 15 mm, screw thread width: 4 mm, socket width: 6 mm, insulation material transparent
0303370	PSBJ 4/15/6 GN	Test plug socket, insulated, length: 15 mm, screw thread width: 4 mm, socket width: 6 mm, insulation material in green
0303396	PSBJ 4/15/6 GY	Test plug socket, insulated, length: 15 mm, screw thread width: 4 mm, socket width: 6 mm, insulation material in gray
0303325	PSBJ 4/15/6 RD	Test plug socket, insulated, length: 15 mm, screw thread width: 4 mm, socket width: 6 mm, insulation material in red
0303383	PSBJ 4/15/6 VT	Test plug socket, insulated, length: 15 mm, screw thread width: 4 mm, socket width: 6 mm, insulation material in violet
0303312	PSBJ 4/15/6 WH	Test plug socket, insulated, length: 15 mm, screw thread width: 4 mm, socket width: 6 mm, insulation material in white
0303367	PSBJ 4/15/6 YE	Test plug socket, insulated, length: 15 mm, screw thread width: 4 mm, socket width: 6 mm, insulation material in yellow
0201647	RPS	Reducing plug, for transition from 4 mm diameter test plug socket, insulation: gray

Drawings

Circuit diagram



- 1 = cover
- 2 = fixed bridge, for cross connections in the terminal center
- 3 = fixed bridge with securely crimped rollers
- 4 = isolator bridge bar
- 5 = bridge bar isolator
- 6 = chain bridge

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