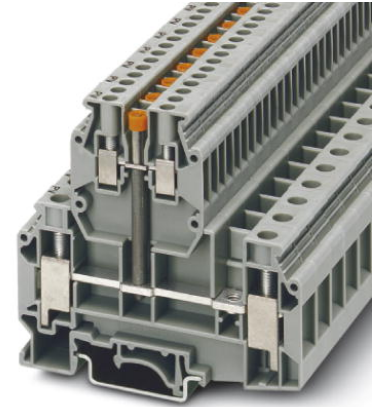


## UKKB 10/2,5-PV

Order No.: 2775485



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2775485>

Feed-through modular terminal block, Cross section: 0.5 mm<sup>2</sup> - 16 mm<sup>2</sup>, Connection type: Screw connection, Width: 10.2 mm, Color: gray, Mounting type: NS 35/7,5, NS 35/15, NS 32

### Commercial data

EAN	4017918068592
Pack	50 pcs.
Customs tariff	85369010
Weight/Piece	0.042436 KG
Catalog page information	Page 358 (CL-2009)

### Product notes

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



<http://www.download.phoenixcontact.com>  
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

### Technical data

#### General

Number of levels	2
Number of connections	4
Color	gray
Insulating material	PA

Inflammability class acc. to UL 94	V0
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**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 current $I_N$	57 A
Nominal voltage $U_N$	500 V

**Connection data**

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

2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	6 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	6 mm <sup>2</sup>
Type of connection	Screw connection
Internal cylindrical gage	B6
Screw thread	M4
Tightening torque, min	1.5 Nm
Tightening torque max	1.8 Nm

### Certificates / Approvals



Certification CSA, CUL, GOST, UL

#### 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

**Accessories**

Item	Designation	Description
<b>Assembly</b>		
3022218	CLIPFIX 35	Snap-on end bracket, for 35 mm NS 35/7.5 or NS 35/15 DIN 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	End cover, Length: 77.5 mm, Width: 1.5 mm, Height: 73 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, galvanized and passivated with a thick layer, 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	Cross connector/bridge, Number of positions: 2, Color: gray
0203328	EB 3-10	Cross connector/bridge, Number of positions: 3, Color: gray
0203137	EB 10-10	Cross connector/bridge, Number of positions: 10, Color: gray
2303145	EBL 2- 5	Cross connector/bridge, Number of positions: 2, Color: gray
2303158	EBL 3- 5	Cross connector/bridge, Number of positions: 3, Color: gray
2303132	EBL 10- 5	Cross connector/bridge, Number of positions: 10, Color: gray
0203483	FBI 2-10	Cross connector/bridge, Number of positions: 2, Color: aluminum
0203276	FBI 10-10	Cross connector/bridge, Number of positions: 10, Color: silver
2770642	FBRI 10-5 N	Cross connector/bridge, Number of positions: 10, Color: silver
3000434	FBRI 12-5 N	Cross connector/bridge, Number of positions: 12, Color: aluminum
3000476	FBRI 16-5 N	Cross connector/bridge, Number of positions: 16, Color: aluminum
3000515	FBRI 20-5 N	Cross connector/bridge, Number of positions: 20, Color: aluminum
3006823	FBRI 40-5 N	Cross connector/bridge, Number of positions: 40, Color: aluminum
1303337	IS-K 10	Bridge bar isolator, Color: gray
0301521	ISSBI 10-10	Switching jumper, Number of positions: 10, Color: silver
0203205	KB- 10	Cross connector/bridge, Number of positions: 1, Color: silver
0203234	SB 2-10/15	Cross connector/bridge, Number of positions: 2, Color: silver
1413230	SBRN 2-7	Cross connector/bridge, Color: silver
2303239	USBR 2-7	Cross connector/bridge, Color: silver
2305538	USBRJ 2-7	Cross connector/bridge, Number of positions: 2, Color: silver

**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

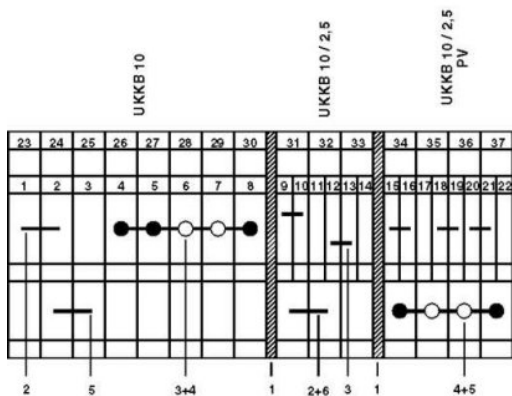
**Plug/Adapter**

2303543	KSS 5	Short circuit connector, Number of positions: 2, Color: black
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0310541	KSS 10	Short circuit connector, Number of positions: 2, Color: black
0601292	PSB 3/10/4	Female test connector, Color: silver
0303299	PSB 4/7/6	Female test connector, Color: silver
0201304	PSBJ 3/13/4	Female test connector, Color: silver
0303406	PSBJ 4/15/6 BK	Female test connector, Color: black
0303354	PSBJ 4/15/6 BU	Female test connector, Color: blue
0303419	PSBJ 4/15/6 FARBLOS	Female test connector, Color: transparent
0303370	PSBJ 4/15/6 GN	Female test connector, Color: green
0303396	PSBJ 4/15/6 GY	Female test connector, Color: gray
0303325	PSBJ 4/15/6 RD	Female test connector, Color: red
0303383	PSBJ 4/15/6 VT	Female test connector, Color: violet
0303312	PSBJ 4/15/6 WH	Female test connector, Color: white
0303367	PSBJ 4/15/6 YE	Female test connector, Color: yellow
0201647	RPS	Reducing plug, Color: gray

**Diagrams/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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