



## UIKN 16









Terminal width 12.2

(IEC)	rigid	flexible		I	U
[mm <sup>2</sup> ]	solid	stranded	AWG	[A]	[V]
Connection data	2.5-25	4.0-16	12-4	70	400



Description	Color	Type	Order No.	Pcs. Pkt.
<b>Neutral disconnect terminal block</b> , with universal foot for mounting on  or 	blue	UIKN 16 BU	<b>30 06 16 6</b>	50

Accessories				
(1) <b>End cover</b>	blue		<b>D-UK 4/10 BU</b>	<b>30 03 10 1</b> 50
(2) <b>Connecting terminal block</b> , steel, yellow chromated, is pushed onto neutral busbar NLS, with blue insulating cap, can be marked with tags,  up to 16 mm <sup>2</sup> solid, 10.3 mm wide up to 35 mm <sup>2</sup> solid, 14.4 mm wide			<b>AKG 16 BU</b> <b>AKG 35 BU</b>	<b>04 23 01 4</b> 50 <b>04 24 01 3</b> 50
(3) <b>Connecting terminal block</b> , copper, nickel-plated, low version for flat-type distribution boxes up to 16 mm <sup>2</sup> solid, 8 mm wide			<b>IAK 16</b>	<b>27 15 98 2</b> 50
(4) <b>Neutral busbar</b> , 3 x 10 mm, 1 m long, copper, tin-plated			<b>NLS-CU 3/10</b>	$I_{max}: 140 A$ <b>04 02 17 4</b> 10
(5) <b>Support</b> , blue insulating material, for mounting the neutral busbar, to be interposed at intervals of 20 cm, 2 mm wide			<b>UAB<sup>1</sup></b>	<b>30 32 42 8</b> 50
(6) <b>Support</b> , for insulated mounting of the mounting rails in insulated systems, plastic, 21 mm high			<b>AB/NS</b>	<b>12 01 14 1</b> 10
(7) <b>Zack strip</b> , 10-section	white		<b>ZB 10</b> (see <a href="#">info</a> )	<b>12 05 06 6</b> 10
(8) <b>Screwdriver</b>			<b>SZS 1,0 x 4,0</b>	<b>12 05 06 6</b> 10

**Technical data****Dimensions**

Width / length / end cover width	[mm]	12.2 / 43.5 / 1.8
Height (NS 35:7,5 / NS 35:15 / NS 32)	[mm]	47 / 54.5 / 52

**Technical data in accordance with IEC / DIN VDE**

Maximum load current / cross section	[A] / [mm <sup>2</sup> ]	63 / 16
Current carrying capacity of the neutral busbar	[A]	140
Rated surge voltage / contamination class	[kV] / –	6 / 3
Surge voltage category / insulation material group	– / –	III / I

**Connection capacity**

stranded with ferrule without / with plastic sleeve	[mm <sup>2</sup> ]	1.5 - 16 / 1.5 - 16
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**Multi-conductor connection (2 conductors with same cross section)**

solid / stranded	[mm <sup>2</sup> ]	1.5 - 6 / 1.5 - 4
stranded with ferrule without plastic sleeve	[mm <sup>2</sup> ]	1.5 - 6
stranded with TWIN ferrule with plastic sleeve	[mm <sup>2</sup> ]	0.75 - 10

<b>Stripping length</b>	[mm]	11
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<b>Internal cylindrical gage (IEC 947-1:1988)</b>		B6
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<b>Terminal point: thread / torque</b>	–/[Nm]	M 4 / 1.5 - 1.8
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<b>Disconnect slide: thread / torque</b>	–/[Nm]	M 3 / 0.6 - 0.8
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<b>Insulation material</b>		PA
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Inflammability class acc. to UL 94		V2
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Temperature indices RTI / Ti		125 / 100
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<sup>1)</sup> Blue "N" labels are enclosed for identification of the neutral busbar.

**Block diagram**