



UIKN 16









Terminal width 12.2

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



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

| Accessories | | | | |
|---|-------|---|-----------------------------------|---------------------------------------|
| (1) End cover | blue |  | D-UK 4/10 BU | 30 03 10 1 50 |
| (2) Connecting terminal block , steel, yellow chromated, is pushed onto neutral busbar NLS, with blue insulating cap, can be marked with tags, up to 16 mm ² solid, 10.3 mm wide | |  | AKG 16 BU | 04 23 01 4 50 |
| up to 35 mm ² solid, 14.4 mm wide | | | AKG 35 BU | 04 24 01 3 50 |
| (3) Connecting terminal block , copper, nickel-plated, low version for flat-type distribution boxes up to 16 mm ² solid, 8 mm wide | |  | IAK 16 | 27 15 98 2 50 |
| (4) Neutral busbar , 3 x 10 mm, 1 m long, copper, tin-plated | |  | NLS-CU 3/10 | $I_{max}: 140 A$ 04 02 17 4 10 |
| (5) Support , blue insulating material, for mounting the neutral busbar, to be interposed at intervals of 20 cm, 2 mm wide | |  | UAB ¹⁾ | 30 32 42 8 50 |
| (6) Support , for insulated mounting of the mounting rails in insulated systems, plastic, 21 mm high | |  | AB/NS | 12 01 14 1 10 |
| (7) Zack strip , 10-section | white | | ZB 10 (see info) | 12 05 06 6 10 |
| (8) Screwdriver | | | SZS 1,0 x 4,0 | 12 05 06 6 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 ²] | 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 ²] | 1.5 - 16 / 1.5 - 16 |
|---|--------------------|---------------------|

Multi-conductor connection (2 conductors with same cross section)

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

| | | |
|-------------------------|------|----|
| Stripping length | [mm] | 11 |
|-------------------------|------|----|

| | | |
|---|--|----|
| Internal cylindrical gage (IEC 947-1:1988) | | B6 |
|---|--|----|

| | | |
|--|--------|-----------------|
| Terminal point: thread / torque | –/[Nm] | M 4 / 1.5 - 1.8 |
|--|--------|-----------------|

| | | |
|--|--------|-----------------|
| Disconnect slide: thread / torque | –/[Nm] | M 3 / 0.6 - 0.8 |
|--|--------|-----------------|

| | | |
|----------------------------|--|----|
| Insulation material | | PA |
|----------------------------|--|----|

| | | |
|------------------------------------|--|----|
| Inflammability class acc. to UL 94 | | V2 |
|------------------------------------|--|----|

| | | |
|------------------------------|--|-----------|
| Temperature indices RTI / Ti | | 125 / 100 |
|------------------------------|--|-----------|

¹⁾ Blue "N" labels are enclosed for identification of the neutral busbar.

Block diagram