

Plug-in card blocks

SKBI plug-in card blocks

31-pos. plug-in card block for European-format cards with indirect connection in accordance with DIN 41617

PCBs with 31-pos. connectors in accordance with DIN 41617 with the characteristic zigzag arrangement of the round pins are still widely used.

In the case of the SKBI 31 plug-in card block, the pins make contact with gold-plated fork springs, which are floating, i.e. mechanically decoupled from the terminal point. This makes the contact resistance very stable and lower than 2 mΩ.

In order to prevent incorrect insertion of the PCBs and the plug-in card blocks, specific contact pins are cut off and the corresponding contact holes are closed with CS/SKBI keying pins.



31-pos., in acc. with DIN 41617

| General data | |
|--|---|
| Pitch | 0 mm |
| Pin diameter | 1.00 mm |
| Voltage | 250 V |
| Current | 5 A |
| Stripping length | 8 mm |
| Screw thread | M3 |
| Torque | 0.5 Nm ... 0.6 Nm |
| Connection data solid / stranded / AWG | 0.2 ... 4 mm ² / 0.2 ... 2.5 mm ² / 24 - 12 |

| Description | |
|---|--|
| Plug-in card block, 31-pos. , for indirect connection in accordance with IEC 60603-1/DIN 41617, including guide rails, engagement catches and ejector, with standardized marking on both connection sides, as well as M4 mounting screws | |

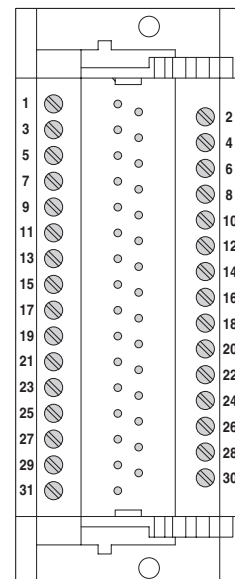
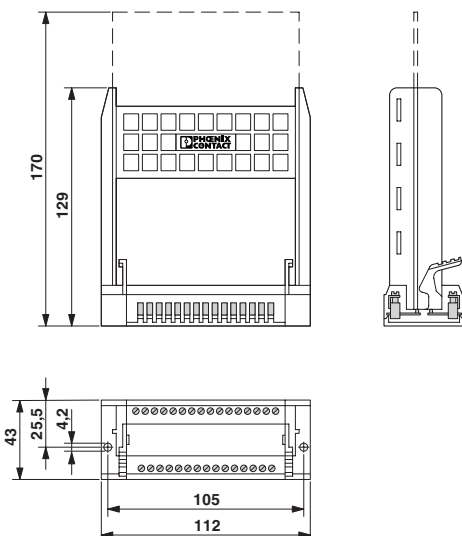
Snap-on foot, for mounting blocks horizontally or vertically on the NS 35/7,5 DIN rail

Keying pin, plastic, later inserted into a contact of the SKBI, color: red

Screwdriver
Blade: 0.6 x 3.5 x 100 mm, length: 181 mm



| Technical data | | | | | | | | | | | |
|--|-----------|-------------|---------------|--|--|------|-----------|-------------|---------|---------|---|
| <table border="1"> <thead> <tr> <th colspan="3">Ordering data</th> </tr> <tr> <th>Type</th> <th>Order No.</th> <th>Pcs. / Pkt.</th> </tr> </thead> <tbody> <tr> <td>SKBI 31</td> <td>2201519</td> <td>1</td> </tr> </tbody> </table> | | | Ordering data | | | Type | Order No. | Pcs. / Pkt. | SKBI 31 | 2201519 | 1 |
| Ordering data | | | | | | | | | | | |
| Type | Order No. | Pcs. / Pkt. | | | | | | | | | |
| SKBI 31 | 2201519 | 1 | | | | | | | | | |
| Accessories | | | | | | | | | | | |
| SF-SKBI 31/32 | 2261009 | 10 | | | | | | | | | |
| CS-SKBI | 2204082 | 100 | | | | | | | | | |
| SZS 0,6X3,5 | 1205053 | 10 | | | | | | | | | |



Plug-in card blocks

SKBI plug-in card blocks

32-pos. plug-in card blocks for European-format cards with indirect connection in accordance with IEC 60603-2/DIN 41612

The three blocks in this series can accommodate PCBs with type C, D, and F pin strips in accordance with IEC 60603-2/DIN 41612. The blocks are labeled according to the standard and have spring-loaded engagement catches, which do not, however, act as ejectors.



32-pos., type C



| General data |
|--|
| Pitch |
| Knife dimensions |
| Voltage |
| Current |
| Stripping length |
| Screw thread |
| Torque |
| Connection data solid / stranded / AWG |

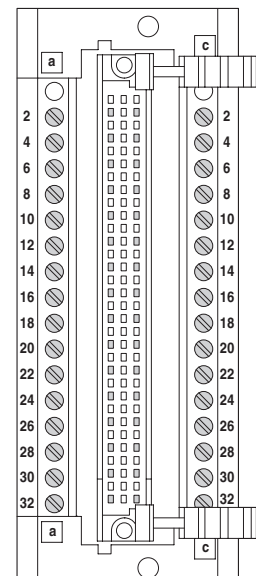
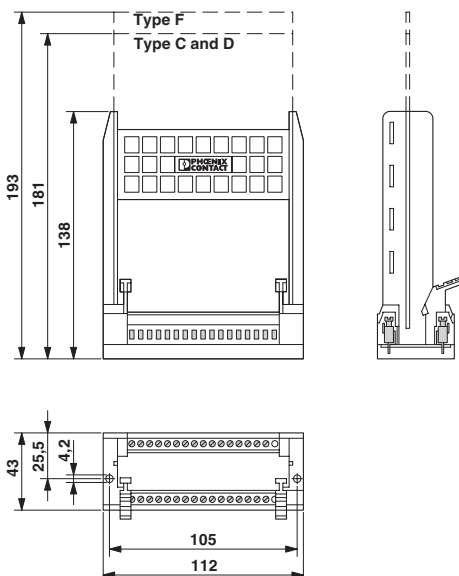
| Technical data |
|--|
| Pitch |
| Knife dimensions |
| Voltage |
| Current |
| Stripping length |
| Screw thread |
| Torque |
| Connection data solid / stranded / AWG |

| Description |
|--|
| Plug-in card block, 32-pos. , for indirect connection in accordance with IEC 60603-2/DIN 41612, complete with guide rails and engagement catches, without ejector, with standardized labeling on both connection sides, as well as M4 mounting screws |

| Ordering data | | |
|---------------|-----------|-------------|
| Type | Order No. | Pcs. / Pkt. |
| SKBI 32/C | 2261038 | 1 |

| Snap-on foot, for mounting blocks horizontally or vertically on the NS 35/7,5 DIN rail |
|--|
| Keying pin, plastic , later inserted into a contact of the SKBI, color: red |

| Accessories | | |
|---------------|-----------|-------------|
| Type | Order No. | Pcs. / Pkt. |
| SF-SKBI 31/32 | 2261009 | 10 |
| CS-SKBI | 2204082 | 100 |





32-pos., type D



32-pos., type F, assembled in rows z and b



32-pos., type F, assembled in rows z and d



| Technical data |
|---|
| 0 mm |
| 1 x 0.6 mm |
| 250 V |
| 4 A |
| 8 mm |
| M3 |
| 0.5 Nm ... 0.6 Nm |
| 0.2 ... 4 mm ² / 0.2 ... 2.5 mm ² / 24 - 12 |

| Ordering data | | |
|---------------|-----------|-------------|
| Type | Order No. | Pcs. / Pkt. |
| SKBI 32/D | 2261054 | 1 |

| Accessories | | |
|---------------|-----------|-------------|
| Type | Order No. | Pcs. / Pkt. |
| SF-SKBI 31/32 | 2261009 | 10 |



| Technical data |
|---|
| 0 mm |
| 1.5 x 0.6 mm |
| 250 V (in acc. with DIN VDE 0110/Gr.B) |
| 4 A |
| 8 mm |
| M3 |
| 0.5 Nm ... 0.6 Nm |
| 0.2 ... 4 mm ² / 0.2 ... 2.5 mm ² / 24 - 12 |

| Ordering data | | |
|---------------|-----------|-------------|
| Type | Order No. | Pcs. / Pkt. |
| SKBI 32/F/ZB | 2261096 | 1 |

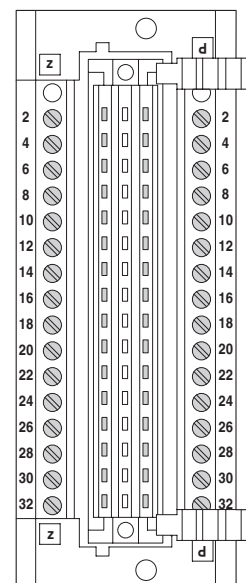
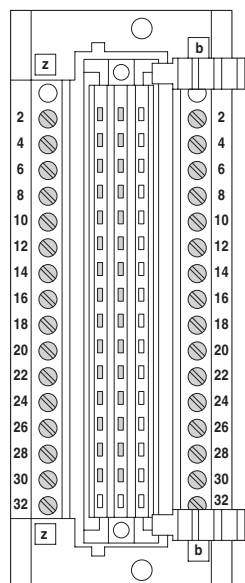
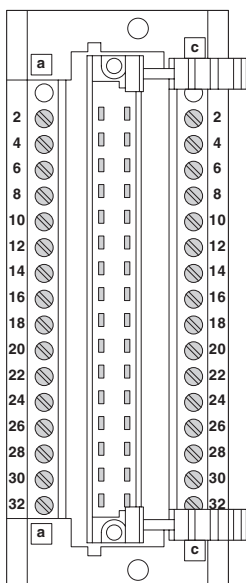
| Accessories | | |
|---------------|-----------|-------------|
| Type | Order No. | Pcs. / Pkt. |
| SF-SKBI 31/32 | 2261009 | 10 |



| Technical data |
|---|
| 0 mm |
| 1.5 x 0.6 mm |
| 250 V (in acc. with DIN VDE 0110/Gr.B) |
| 4 A |
| 8 mm |
| M3 |
| 0.5 Nm ... 0.6 Nm |
| 0.2 ... 4 mm ² / 0.2 ... 2.5 mm ² / 24 - 12 |

| Ordering data | | |
|---------------|-----------|-------------|
| Type | Order No. | Pcs. / Pkt. |
| SKBI 32/F/ZD | 2261106 | 1 |

| Accessories | | |
|---------------|-----------|-------------|
| Type | Order No. | Pcs. / Pkt. |
| SF-SKBI 31/32 | 2261009 | 10 |



Plug-in card blocks

SKBI plug-in card blocks

64-pos. plug-in card blocks for European-format cards with indirect connection in accordance with IEC 60603-2/DIN 41612

These plug-in card blocks have double-level screw connection terminal block rows on both sides. The offset arrangement of the levels improves the conductor accessibility and the legibility of labels. The robust overall design of the block ensures sturdy support also for heavy PCBs. These are held in place by engagement catches with an ejector that can be operated from the front.



64-pos., type B



| General data | |
|--|---|
| Pitch | 0 mm |
| Knife dimensions | 0.7 x 0.6 mm |
| Voltage | 125 V (in acc. with DIN VDE 0110/Gr.B) |
| Current | 1 A |
| Stripping length | 8 mm |
| Screw thread | M3 |
| Torque | 0.5 Nm ... 0.6 Nm |
| Connection data solid / stranded / AWG | 0.2 ... 4 mm ² / 0.2 ... 2.5 mm ² / 24 - 12 |

Technical data

| | | |
|---|--|--|
| 0 mm | | |
| 0.7 x 0.6 mm | | |
| 125 V (in acc. with DIN VDE 0110/Gr.B) | | |
| 1 A | | |
| 8 mm | | |
| M3 | | |
| 0.5 Nm ... 0.6 Nm | | |
| 0.2 ... 4 mm ² / 0.2 ... 2.5 mm ² / 24 - 12 | | |

| Description | |
|---|--|
| Plug-in card block , 64-pos., for indirect connection in accordance with IEC 60603-2/DIN 41612, complete with guide rails, engagement catches, and ejector, with standardized labeling on both connection sides, as well as M4 mounting screws | |

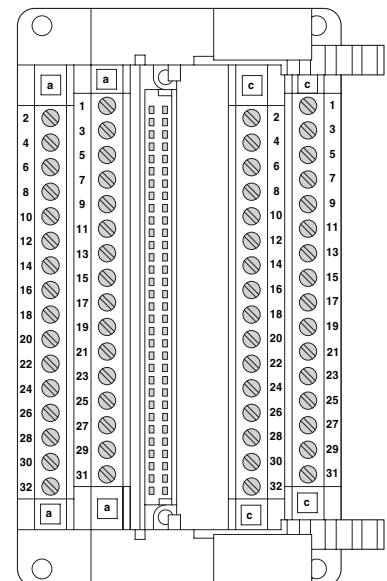
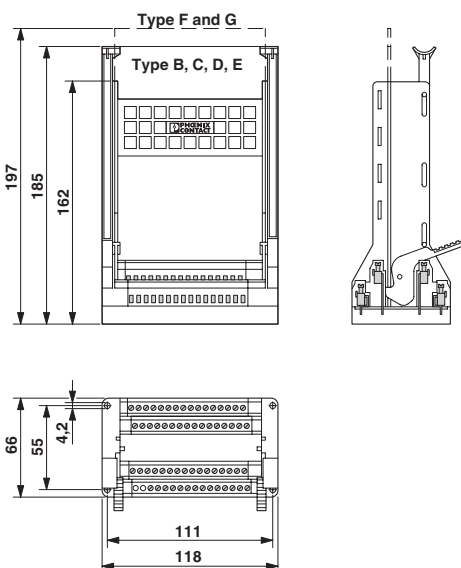
Ordering data

| Type | Order No. | Pcs. / Pkt. |
|-------------|-----------|-------------|
| SKBI 64/B64 | 2263023 | 1 |

| Snap-on foot, for mounting blocks horizontally or vertically on the NS 35/7,5 DIN rail | |
|--|--|
| Screwdriver Blade: 0.6 x 3.5 x 100 mm, length: 181 mm | |

Accessories

| | | |
|-------------|---------|----|
| SF-SKBI 64 | 2263007 | 10 |
| SZS 0,6X3,5 | 1205053 | 10 |





32-pos., type C, assembled in the even-numbered positions of rows a and c



64-pos., type C, assembled in rows a and c



| Technical data |
|---|
| 0 mm |
| 0.7 x 0.6 mm |
| 250 V (surge voltage category III/pollution degree 2) |
| 1 A |
| 8 mm |
| M3 |
| 0.5 Nm ... 0.6 Nm |
| 0.2 ... 4 mm ² / 0.2 ... 2.5 mm ² / 24 - 12 |

| Ordering data | | |
|---------------|-----------|-------------|
| Type | Order No. | Pcs. / Pkt. |
| SKBI 64/C32 | 2265034 | 1 |

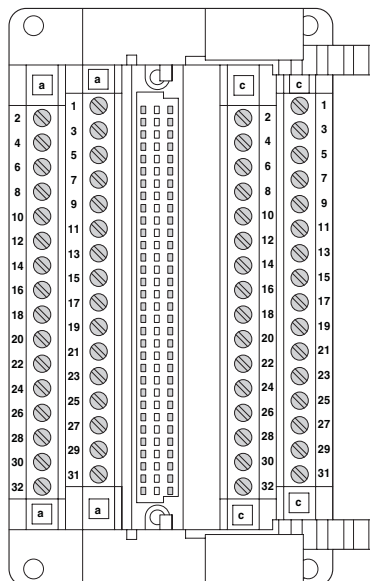
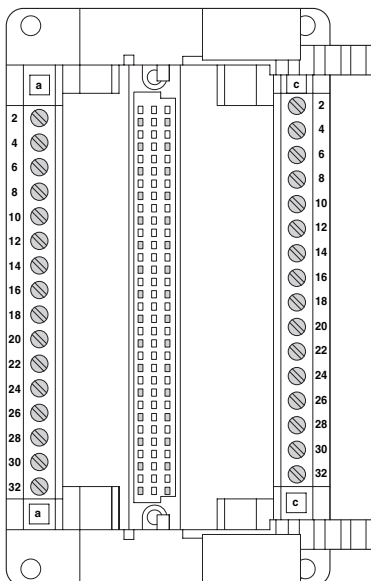
| Accessories | | |
|-------------|-----------|-------------|
| Type | Order No. | Pcs. / Pkt. |
| SF-SKBI 64 | 2263007 | 10 |
| SZS 0,6X3,5 | 1205053 | 10 |



| Technical data |
|---|
| 0 mm |
| 1 x 0.6 mm |
| 125 V (in acc. with DIN VDE 0110/Gr.B) |
| 4 A |
| 8 mm |
| M3 |
| 0.5 Nm ... 0.6 Nm |
| 0.2 ... 4 mm ² / 0.2 ... 2.5 mm ² / 24 - 12 |

| Ordering data | | |
|---------------|-----------|-------------|
| Type | Order No. | Pcs. / Pkt. |
| SKBI 64/C64 | 2263036 | 1 |

| Accessories | | |
|-------------|-----------|-------------|
| Type | Order No. | Pcs. / Pkt. |
| SF-SKBI 64 | 2263007 | 10 |
| SZS 0,6X3,5 | 1205053 | 10 |



Plug-in card blocks and socket strips according to DIN 41617 and IEC 60603-2/DIN 41612 - COMBICON 19 Inch

Plug-in card blocks

SKBI plug-in card blocks

Plug-in card blocks for European-format cards with indirect connection in accordance with IEC 60603-2/DIN 41612

These plug-in card blocks have screw connection terminal block rows on both sides. Additional labeling makes it easier to connect the conductors. The robust overall design of the block ensures sturdy support for heavy PCBs as well. These are held in place by engagement catches with an ejector that can be operated from the front.



32-pos., type D, assembled in rows a and c



| General data | |
|--|---|
| Pitch | 0 mm |
| Knife dimensions | 1 x 0.6 mm |
| Voltage | 250 V (surge voltage category III/pollution degree 2) |
| Current | 4 A |
| Stripping length | 8 mm |
| Screw thread | M3 |
| Torque | 0.5 Nm ... 0.6 Nm |
| Connection data solid / stranded / AWG | 0.2 ... 4 mm ² / 0.2 ... 2.5 mm ² / 24 - 12 |

Technical data

| | | |
|---|--|--|
| 0 mm | | |
| 1 x 0.6 mm | | |
| 250 V (surge voltage category III/pollution degree 2) | | |
| 4 A | | |
| 8 mm | | |
| M3 | | |
| 0.5 Nm ... 0.6 Nm | | |
| 0.2 ... 4 mm ² / 0.2 ... 2.5 mm ² / 24 - 12 | | |

| Description | |
|---|--|
| Plug-in card block , 64-pos., for indirect connection in accordance with IEC 60603-2/DIN 41612, complete with guide rails, engagement catches, and ejector, with standardized labeling on both connection sides, as well as M4 mounting screws | |

Ordering data

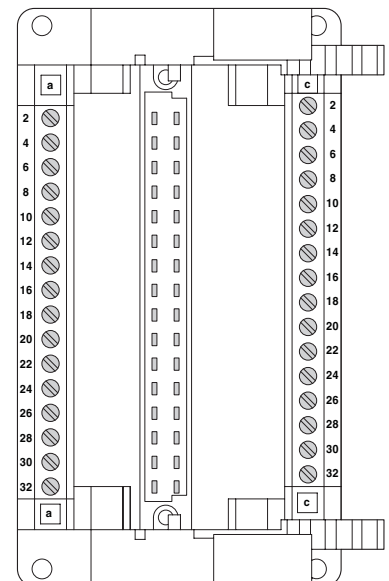
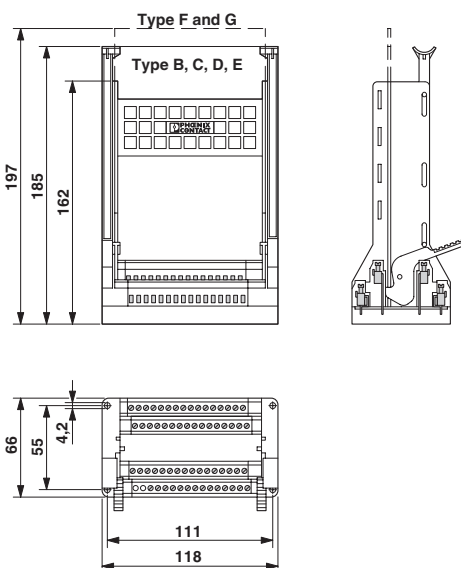
| Type | Order No. | Pcs. / Pkt. |
|-------------|-----------|-------------|
| SKBI 64/D32 | 2265050 | 1 |

| |
|--|
| Snap-on foot , for mounting blocks horizontally or vertically on the NS 35/7,5 DIN rail |
|--|

Accessories

| | | |
|-------------|---------|----|
| SF-SKBI 64 | 2263007 | 10 |
| SZS 0,6X3,5 | 1205053 | 10 |

| |
|---|
| Screwdriver Blade: 0.6 x 3.5 x 100 mm, length: 181 mm |
|---|





48-pos., type E, assembled in rows a, c, and e



48-pos., type F, assembled in rows z, b, and d



64-pos., type G, assembled in rows z, b, d, and f



| Technical data |
|---|
| 0 mm |
| 1 x 0.6 mm |
| 250 V (surge voltage category III/pollution degree 2) |
| 4 A |
| 8 mm |
| M3 |
| 0.5 Nm ... 0.6 Nm |
| 0.2 ... 4 mm ² / 0.2 ... 2.5 mm ² / 24 - 12 |

| Ordering data | | |
|---------------|-----------|-------------|
| Type | Order No. | Pcs. / Pkt. |
| SKBI 64/E48 | 2264080 | 1 |

| Accessories | | |
|-------------|-----------|-------------|
| Type | Order No. | Pcs. / Pkt. |
| SF-SKBI 64 | 2263007 | 10 |
| SZS 0,6X3,5 | 1205053 | 10 |



| Technical data |
|---|
| 0 mm |
| 1.5 x 0.6 mm |
| 250 V (in acc. with DIN VDE 0110/Gr.B) |
| 4 A |
| 8 mm |
| M3 |
| 0.5 Nm ... 0.6 Nm |
| 0.2 ... 4 mm ² / 0.2 ... 2.5 mm ² / 24 - 12 |

| Ordering data | | |
|---------------|-----------|-------------|
| Type | Order No. | Pcs. / Pkt. |
| SKBI 64/F48 | 2264093 | 1 |

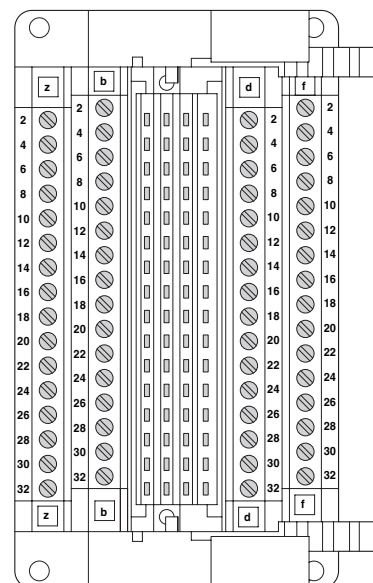
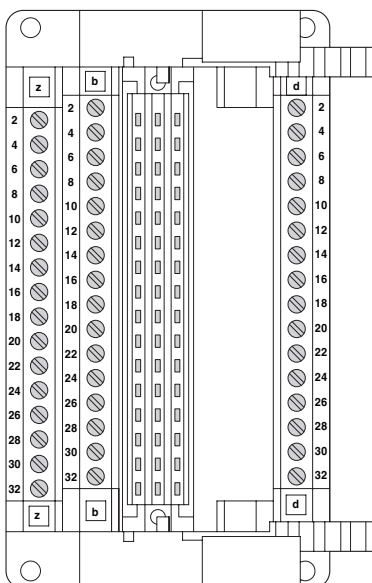
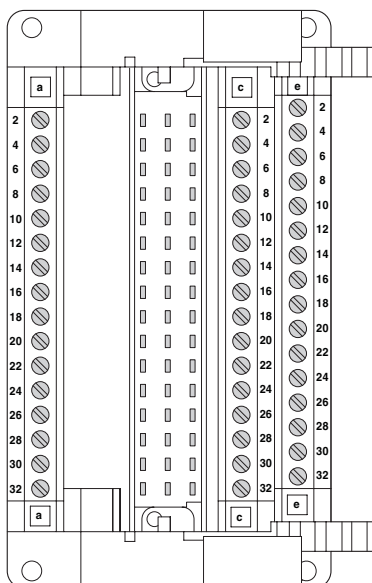
| Accessories | | |
|-------------|-----------|-------------|
| Type | Order No. | Pcs. / Pkt. |
| SF-SKBI 64 | 2263007 | 10 |
| SZS 0,6X3,5 | 1205053 | 10 |



| Technical data |
|---|
| 0 mm |
| 1.5 x 0.6 mm |
| 250 V (in acc. with DIN VDE 0110/Gr.B) |
| 4 A |
| 8 mm |
| M3 |
| 0.5 Nm ... 0.6 Nm |
| 0.2 ... 4 mm ² / 0.2 ... 2.5 mm ² / 24 - 12 |

| Ordering data | | |
|---------------|-----------|-------------|
| Type | Order No. | Pcs. / Pkt. |
| SKBI 64/G64 | 2263117 | 1 |

| Accessories | | |
|-------------|-----------|-------------|
| Type | Order No. | Pcs. / Pkt. |
| SF-SKBI 64 | 2263007 | 10 |
| SZS 0,6X3,5 | 1205053 | 10 |



Plug-in card blocks and socket strips according to DIN 41617 and IEC 60603-2/DIN 41612 - COMBICON 19 Inch

Plug-in card blocks

SKBI plug-in card blocks

15-pos. plug-in card blocks for European-format cards with H15 high-current socket strip in accordance with IEC 60603-2/DIN 41612

With these plug-in card blocks, single 19" power supply racks, e.g., switched-mode power supply units, can be mounted at any point in the control cabinet and easily wired with a screw connection. Every position of the H 15 high-current socket strip is assigned with either two 2.5 mm² MKDS 3, or one 4 mm² MKDS 5 connection terminal block. The robust overall design of the blocks ensures sturdy support also for heavy PCBs. After insertion, these are automatically secured against vibrations with two engagement catches with an ejector that can be operated from the front.



15-pos., 2.5 mm² connection cross section

| General data | |
|--|---|
| Knife dimensions | 4.8 x 0.8 mm |
| Voltage | 250 V (surge voltage category III/pollution degree 2) |
| Current | 15 A |
| Stripping length | 8 mm |
| Screw thread | M3 |
| Torque | 0.5 Nm ... 0.6 Nm |
| Connection data solid / stranded / AWG | 0.2 ... 4 mm ² / 0.2 ... 2.5 mm ² / 24 - 12 |

| Description | |
|---|--|
| Plug-in card block , with MKDS 3 screw terminal blocks and connection terminal blocks, and H15 high-current socket strip for indirect control in accordance with IEC 60603-2/DIN 41612, complete with guide rails, engagement catches, and ejector, with standardized labeling on both connection sides, as well as M4 mounting screws | |
| Plug-in card block , with MKDS 5 screw connection terminal blocks and H15 high-current socket strip for indirect connection in accordance with IEC 60603-2/DIN 41612, complete with guide rails, engagement catches, and ejector, with standardized labeling on both connection sides, as well as M4 mounting screws | |

| | |
|--|--|
| Snap-on foot , for mounting blocks horizontally or vertically on the NS 35/7,5 DIN rail | |
| Screwdriver Blade: 0.6 x 3.5 x 100 mm, length: 181 mm | |



Technical data

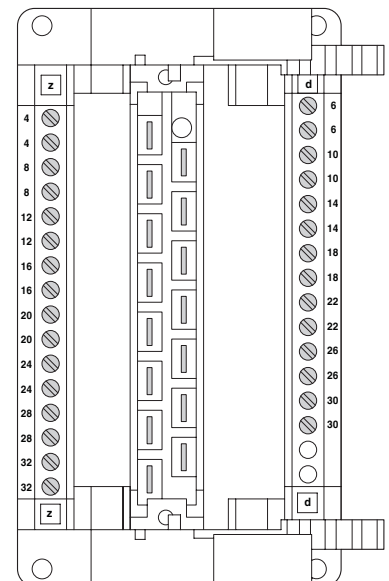
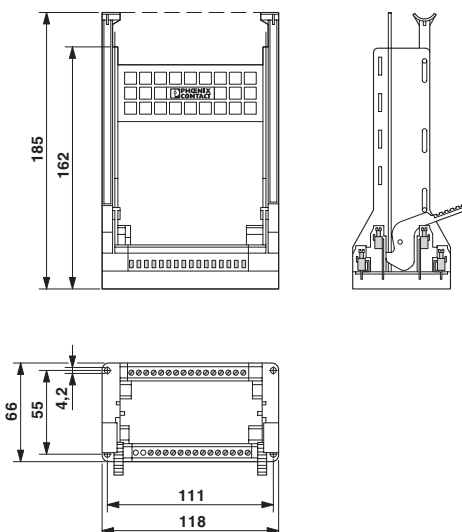
| |
|---|
| 4.8 x 0.8 mm |
| 250 V (surge voltage category III/pollution degree 2) |
| 15 A |
| 8 mm |
| M3 |
| 0.5 Nm ... 0.6 Nm |
| 0.2 ... 4 mm ² / 0.2 ... 2.5 mm ² / 24 - 12 |

Ordering data

| Type | Order No. | Pcs. / Pkt. |
|-------------------|-----------|-------------|
| SKBI 64/H15-MKDS3 | 2269140 | 1 |

Accessories

| | | |
|-------------|---------|----|
| SF-SKBI 64 | 2263007 | 10 |
| SZS 0,6X3,5 | 1205053 | 10 |





15-pos., 4 mm² connection cross section



Technical data

4.8 x 0.8 mm
500 V (surge voltage category III/pollution degree 2)

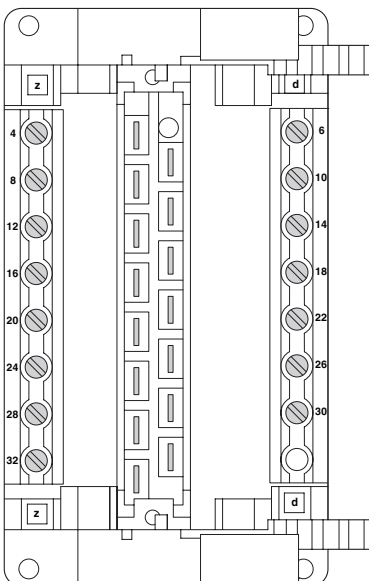
15 A
8 mm
M3
0.5 Nm ... 0.6 Nm
0.2 ... 6 mm² / 0.2 ... 4 mm² / 24 - 10

Ordering data

| Type | Order No. | Pcs. / Pkt. |
|-------------------|-----------|-------------|
| SKBI 64/H15-MKDS5 | 2269153 | 1 |

Accessories

| | | |
|-------------|---------|----|
| SF-SKBI 64 | 2263007 | 10 |
| SZS 0,6X3,5 | 1205053 | 10 |



Plug-in card blocks and socket strips according to DIN 41617 and IEC 60603-2/DIN 41612 - COMBICON 19 Inch

Plug-in card blocks

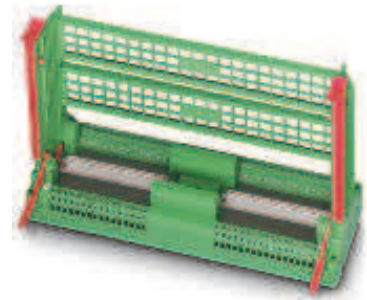
SKBI plug-in card blocks

128-pos. plug-in card blocks for double European-format cards with indirect connection in accordance with IEC 60603-2/DIN 41612

The desire to accommodate more and more components on one PCB has made the double European format (160 x 233.4 mm) very popular. However, with this PCB format, 19" racks become very expensive if only one, two or three PCBs must be accommodated in the control cabinet. The SKBI 128 is mounted securely on the base with five screws, and its rigid, rugged design safely supports the valuable PCBs, which are held in place by two engagement catches with an ejector which can be operated from the front.

Notes:

Note:
Current and voltage specifications are determined by the connector used.



Various types from 64 to 128-pos.

| General data | |
|--|---|
| Stripping length | 8 mm |
| Screw thread | M3 |
| Torque | 0.5 Nm ... 0.6 Nm |
| Connection data solid / stranded / AWG | 0.2 ... 4 mm ² / 0.2 ... 2.5 mm ² / 24 - 12 |

Technical data



Description

Plug-in card block, for indirect connection in accordance with IEC 60603-2/DIN 41612, complete with guide rails, engagement catches, and ejector, with standardized labeling on both connection sides, as well as M4 mounting screws with connectors

Ordering data

| Type | Order No. | Pcs. / Pkt. |
|------------------|-----------|-------------|
| SKBI 128-B64/B64 | 2268028 | 1 |
| SKBI 128-C32/C32 | 2270032 | 1 |
| SKBI 128-C64/C64 | 2268031 | 1 |
| SKBI 128-D32/D32 | 2270058 | 1 |
| SKBI 128-E48/E48 | 2269085 | 1 |
| SKBI 128-F48/F48 | 2269098 | 1 |
| SKBI 128-G64/G64 | 2268112 | 1 |

