

## Double-level terminal block - SLKK 5 - 0461018

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Double-level terminal block, Cross section: 0.2 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 24 - 10, Connection type: Screw connection, Width: 6.2 mm, Color: gray, Mounting type: NS 35/7.5, NS 35/15

### Product description

Double-level terminal block, Cross section: 0.2 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 24 - 10, Connection type: Screw connection, Width: 6.2 mm, Color: gray, Mounting type: NS 35/7.5, NS 35/15

### Why buy this product

- The FBI 10-6 bridge is used in the upper level to connect the return lines for the external loads and LEDs to a common busbar
- Of advantage for controllers with external actuating drives, solenoid valves, and limit switches
- Space-saving and systematic wiring of three-wire cables is therefore possible
- With two laterally offset feed-through levels and protective conductor connection to the DIN rail which acts as a grounding busbar



### Key commercial data

Packing unit	1
Minimum order quantity	50
Catalog page	Page 436 (CL1-2011)
GTIN	 4 017918 002381
Weight per piece (including packing)	0.0 GRM
Weight per Piece (excluding packing)	22.52 GRM
Country of origin	POLAND

### Technical data

#### General

Number of levels	3
Number of connections	5
Color	gray
Insulating material	PA
Inflammability class according to UL 94	V0

#### Dimensions

Width	6.2 mm
Length	66.5 mm

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### Technical data

#### Dimensions

Height NS 35/7.5	69.5 mm
Height NS 35/15	77 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 / IEC 60947-7-2
Nominal current I <sub>N</sub>	34 A
Nominal voltage U <sub>N</sub>	500 V

#### Connection data

Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	4 mm <sup>2</sup>
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	4 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	10
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	4 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm <sup>2</sup>
2 conductors with same cross section, solid min.	0.2 mm <sup>2</sup>
2 conductors with same cross section, solid max.	1.5 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	0.2 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	1.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1.5 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.	1.5 mm <sup>2</sup>
Cross section with insertion bridge, solid max.	4 mm <sup>2</sup>
Cross section with insertion bridge, stranded max.	2.5 mm <sup>2</sup>
Connection method	Screw connection
Stripping length	8 mm
Internal cylindrical gage	A3
Screw thread	M3
Tightening torque, min	0.6 Nm

# Double-level terminal block - SLKK 5 - 0461018

## Technical data

### Connection data

Tightening torque max	0.8 Nm
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## Classifications

### eclass

eClass 4.0	27141118
eClass 4.1	27141118
eClass 5.0	27141118
eClass 5.1	27141118
eClass 6.0	27141125

### etim

ETIM 2.0	EC001329
ETIM 3.0	EC001329
ETIM 4.0	EC001329

### unspsc

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

## Approvals

### Certificates

#### Certification

CSA / UL Recognized / cUL Recognized / GOST / PRS / UL Recognized / GOST / cULus Recognized

#### Certification EX

#### Certification submitted

## Approval details

CSA	
mm <sup>2</sup> /AWG/kcmil	28-12
Nominal current I <sub>N</sub>	25 A

## Double-level terminal block - SLKK 5 - 0461018

### Approvals

Nominal voltage UN	600 V
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UL Recognized	
mm <sup>2</sup> /AWG/kcmil	26-10
Nominal current IN	30 A
Nominal voltage UN	600 V

cUL Recognized	
mm <sup>2</sup> /AWG/kcmil	26-12
Nominal current IN	30 A
Nominal voltage UN	600 V

GOST
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PRS
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UL Recognized		
	B	D
Nominal current IN	12 A	10 A
Nominal voltage UN	250 V	300 V

GOST
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cULus Recognized
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### Accessories

#### Accessories

#### Assembly

DIN rail - NS 35/ 7,5 UNPERF 2000MM - 0801681



DIN rail, material: Steel, unperforated, height 7.5 mm, width 35 mm, length: 2 m

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### Accessories

DIN rail perforated - NS 35/ 7,5 PERF 2000MM - 0801733



DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 7.5 mm, width 35 mm, length: 2000 m

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DIN rail - NS 35/ 7,5 CU UNPERF 2000MM - 0801762



DIN rail, material: Copper, unperforated, height 7.5 mm, width 35 mm, length: 2 m

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DIN rail - NS 35/15 UNPERF 2000MM - 1201714



DIN rail, material: Steel, unperforated, height 15 mm, width 35 mm, length: 2 m

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DIN rail - NS 35/15 CU UNPERF 2000MM - 1201895



DIN rail, material: Copper, unperforated, 1.5 mm thick, height 15 mm, width 35 mm, length: 2 m

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DIN rail perforated - NS 35/15 PERF 2000MM - 1201730



DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 15 mm, width 35 mm, length: 2000 m

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Spacer plate - DP-UKK 3/5 - 2770794

Spacer plate, Length: 56 mm, Width: 2.5 mm, Height: 66.5 mm, Color: gray



## Double-level terminal block - SLKK 5 - 0461018

### Accessories

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#### End cover - DG-UKK 3/5 - 2770817

End cover, Length: 56 mm, Width: 2.5 mm, Height: 62 mm, Color: gray



#### End cover - D-UKK 3/5 - 2770024

End cover, Length: 56 mm, Width: 2.5 mm, Height: 62 mm, Color: gray



#### Fixed bridge - FB-150 METER - 0201595

Cross connection rail, for fixed bridging of identical inputs and outputs, made of Cu, nickel-plated, 1 m long



#### Separating plate - TS-KK 3 - 2770215

Separating plate, Length: 14 mm, Height: 16 mm, Color: gray



### Bridges

#### Bridge bar isolator - IS-K 4 - 1302338

Bridge bar isolator, Color: gray



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### Accessories

Bridge bar isolator - ISSBI 10- 6 - 0301505

Bridge bar isolator, Number of positions: 10, Color: silver



Jumper - LB 10-6 BU - 0202280

Jumper, Number of positions: 10, Color: blue



Jumper - LB 10-6 GY - 0202358

Jumper, Number of positions: 10, Color: gray



Jumper - LB 100-6 GY - 0202345

Jumper, Number of positions: 100, Color: gray



Jumper - LB 100-6 RD - 0202316

Jumper, Number of positions: 100, Color: red



Jumper - LB 100-6 BU - 0202303

Jumper, Number of positions: 100, Color: blue



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### Accessories

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Jumper - LB 10-6 RD - 0202293

Jumper, Number of positions: 10, Color: red



Fixed bridge - FBI 100- 6 - 0201650

Fixed bridge, Number of positions: 100, Color: silver

Fixed bridge - FBI 10- 6 - 0203250

Fixed bridge, Number of positions: 10, Color: silver



Fixed bridge - FBI 20- 6 - 0201867

Fixed bridge, Number of positions: 20, Color: silver



Insertion bridge - EB 10- 6 - 0201139

Insertion bridge, Number of positions: 10, Color: gray



Insertion bridge - EB 3- 6 - 0201142

Insertion bridge, Number of positions: 3, Color: gray





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### Accessories

Insertion bridge - EB 2- 6 - 0201155

Insertion bridge, Number of positions: 2, Color: gray



Switching jumper - USBR 2-7 - 2303239

Switching jumper, Number of positions: 2, Color: silver



Switching jumper - USBRJ 2-7 - 2305538

Switching jumper, Color: silver



Switching jumper - SBRN 2-7 - 1413230

Switching jumper, Color: silver



### Marking

Zack marker strip - ZB 6:SO/CMS - 1050499

Zack marker strip, white, For terminal block width: 6 mm



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### Accessories

Warning label - WS 5- 6 - 1004403

Warning plate, with 2 plastic screws, across 5 terminal blocks, pitch 6 mm



Warning label - WS 4- 6 - 1004209

Warning plate, with 2 plastic screws, across 4 terminal blocks, pitch 6 mm



Warning label - WS 3- 6 - 1004115

Warning plate, with 2 plastic screws, across 3 terminal blocks, pitch 6 mm



Marker cards - SBS 6:UNBEDRUCKT - 1007222

Marker cards, Card, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into tall marker groove, Snap into fl



### Plug/Adapter

Female test connector - PSBJ 3/13/4 - 0201304

Female test connector, Color: silver



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### Accessories

Female test connector - PSB 3/10/4 - 0601292

Female test connector, Color: silver



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Short-circuit connector - KSS 3- 6 - 0309523

Short-circuit connector, Number of positions: 3, Color: black



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Short-circuit connector - KSS 6 - 0301547

Short-circuit connector, Number of positions: 2, Color: black



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Reducing plug - RPS - 0201647

Reducing plug, Color: gray



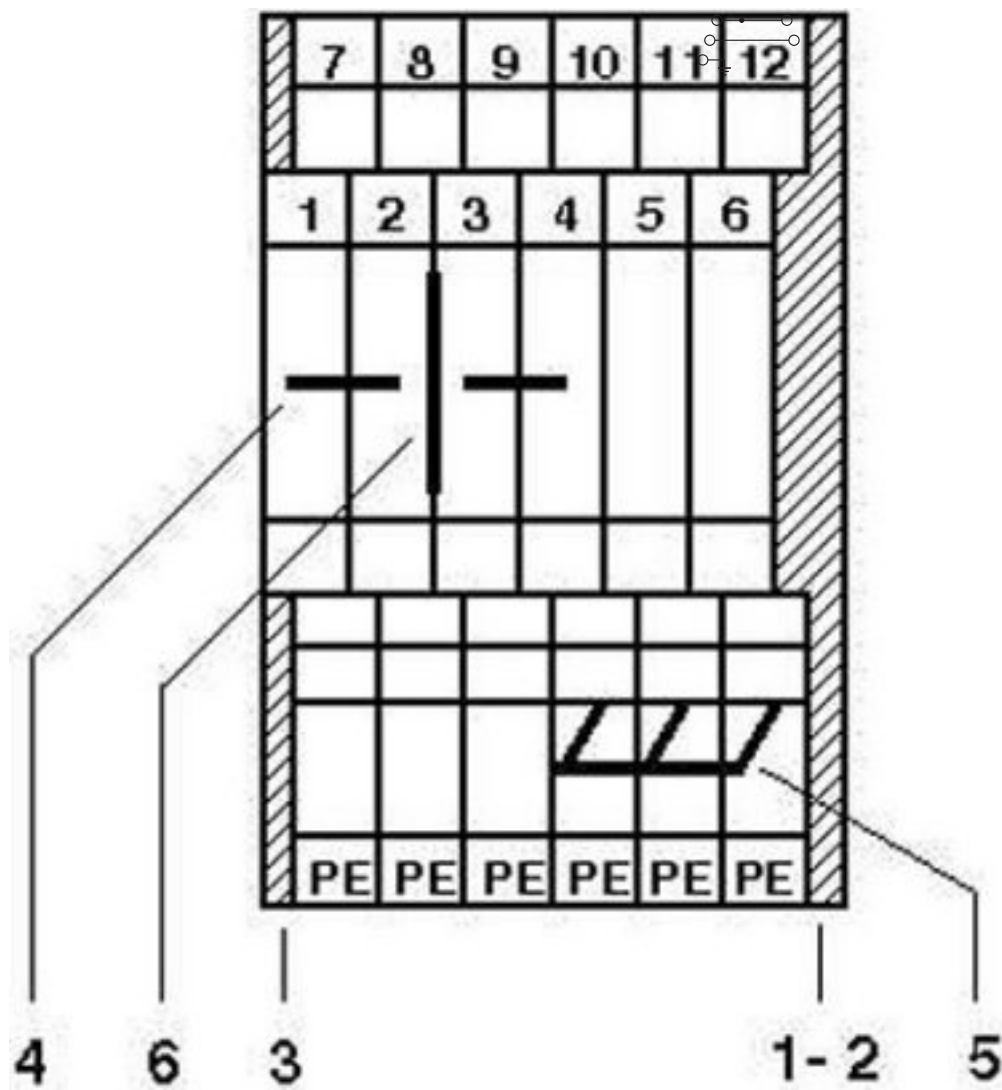
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### Drawings

# Double-level terminal block - SLKK 5 - 0461018

Circuit diagram

Circuit diagram



- 1 = cover
- 2 = spacer cover
- 3 = spacer plate
- 4 = fixed bridge
- 5 = insertion bridge
- 6 = separating plate