

## Component terminal block - UGSK/S - 0305080

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Component terminal block, Connection method: Screw connection, Cross section: 0.5 mm<sup>2</sup>- 10 mm<sup>2</sup>, AWG:20 - 10, Width: 8.2 mm, Mounting type: NS 35/7.5, NS 35/15, NS 32, Color: gray

### Product description


Component terminal block, Connection method: Screw connection, Cross section: 0.5 mm<sup>2</sup>- 10 mm<sup>2</sup>, AWG:20 - 10, Width: 8.2 mm, Mounting type: NS 35/7.5, NS 35/15, NS 32, Color: gray

### Why buy this product

- Measuring equipment or protective relays can be individually connected with the aid of bridges and slides
- Here, the slides make contact with the switching jumper depending on the switching task



### Key commercial data

Packing unit	1
Minimum order quantity	50
Catalog page	Page 461 (CL1-2011)
GTIN	 4 017918 000745
Weight per piece (including packing)	0.0 GRM
Weight per Piece (excluding packing)	26.08 GRM
Country of origin	GERMANY

### Technical data

#### General

Number of levels	1
Number of connections	2
Color	gray
Insulating material	PA
Inflammability class according to UL 94	V2

#### Dimensions

Length	61 mm
Width	8.2 mm
Height NS 35/7.5	53.5 mm

# Component terminal block - UGSK/S - 0305080

## Technical data

### Dimensions

Height NS 35/15	61 mm
Height NS 32	58.5 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 <sub>N</sub>	41 A
Nominal voltage U <sub>N</sub>	500 V

### Connection data

Conductor cross section solid min.	0.5 mm <sup>2</sup>
Conductor cross section solid max.	10 mm <sup>2</sup>
Conductor cross section stranded min.	0.5 mm <sup>2</sup>
Conductor cross section stranded max.	6 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	20
Conductor cross section AWG/kcmil max	8
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.	6 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.	4 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.	1.5 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.	4 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.	4 mm <sup>2</sup>
Connection method	Screw connection
Stripping length	11 mm
Screw thread	M4
Tightening torque, min	1.5 Nm
Tightening torque max	1.8 Nm

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## Classifications

### eClass

eClass 4.0	27141126
eClass 4.1	27141126
eClass 5.0	27141127
eClass 5.1	27141127
eClass 6.0	27141127

### etim

ETIM 2.0	EC000902
ETIM 3.0	EC000902
ETIM 4.0	EC000902

### unspsc

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

## Approvals

### Certificates

#### Certification

UL Recognized / cUL Recognized / GOST / GL / RS / KR / GOST / cULus Recognized

#### Certification EX

#### Certification submitted

### Approval details

UL Recognized	
mm <sup>2</sup> /AWG/kcmil	26-8
Nominal current I <sub>N</sub>	50 A
Nominal voltage U <sub>N</sub>	600 V

cUL Recognized	
mm <sup>2</sup> /AWG/kcmil	26-8

# Component terminal block - UGSK/S - 0305080

## Approvals

Nominal current IN	50 A
Nominal voltage UN	600 V

GOST

GL

RS

KR

GOST

cULus Recognized

## 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

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

DIN rail - NS 32 CU/120QMM UNPERF 2000MM - 1201280



G-profile DIN rail, deep-drawn, material: Copper, unperforated, height 15 mm, width 32 mm, length 2 m

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### Accessories

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 32 CU/35QMM UNPERF 2000MM - 1201358



G-profile DIN rail, material: Copper, unperforated, height 15 mm, width 32 mm, length 2 m

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DIN rail - NS 32 AL UNPERF 2000MM - 1201028



G rail 32 mm (NS 32)

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DIN rail - NS 32 UNPERF 2000MM - 1201015



G-profile DIN rail, material: Steel, unperforated, height 15 mm, width 32 mm, length 2 m

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DIN rail - NS 32 PERF 2000MM - 1201002



G-profile DIN rail, material: Steel, perforated, height 15 mm, width 32 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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### Accessories

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#### DIN rail - NS 35/15-2,3 UNPERF 2000MM - 1201798



DIN rail, material: Steel, unperforated, 2.3 mm thick, height 15 mm, width 35 mm, length: 2 m

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#### DIN rail, unperforated - NS 35/15 AL UNPERF 2000MM - 1201756



DIN rail, deep drawn, high profile, unperforated, 1.5 mm thick, material: aluminum, height 15 mm, width 35 mm, length 2000 mm

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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 mm

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#### 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 mm

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#### End clamp - CLIPFIX 35 - 3022218



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

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### Accessories

End clamp - E/UK - 1201442

End clamp, for assembly on NS 32 or NS 35/7.5 DIN rail



End cover - D-UGSK - 0304023

End cover, Length: 61 mm, Width: 2.2 mm, Color: gray



Separating plate - STSR-GSK - 0305213

Separating plate, Width: 0.8 mm, Color: gray



Separating plate - STSL-GSK - 0305226

Separating plate, Width: 0.8 mm, Color: gray



Separating plate - TS-GSK - 0304214

Separating plate, Length: 61 mm, Width: 0.8 mm, Height: 45.5 mm, Color: gray



Partition plate - ATS-GSK - 0304227

Partition plate, Length: 59.5 mm, Width: 0.8 mm, Height: 58 mm, Color: gray



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## Accessories

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### Bridges

Fixed bridge - FB 10- GSK/S - 0305174

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



Insertion bridge - EB 2- 8 - 0202154

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



Insertion bridge - EB 3- 8 - 0202141

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



Insertion bridge - EB 10- 8 - 0202138

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



Slide - GS-GSK/S - 0305116

Slide, Color: silver





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### Accessories

Cross connector/bridge - DSBJ- 8/13-GSK/S - 0305828

Cross connector/bridge, Color: silver



Switching jumper - SBJ 2- 8/13-GSK/S - 0305239

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



### Marking

Zack marker strip - ZB 8:SO/CMS - 1050512

Zack marker strip, white, For terminal block width: 8 mm



Marker cards - SBS 8:UNBEDRUCKT - 1007235

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-GSK/S FARBLOS - 0305394

Female test connector, Color: transparent



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### Accessories

Female test connector - PSBJ-GSK/S BK - 0305381

Female test connector, Color: black



Female test connector - PSBJ-GSK/S GY - 0305378

Female test connector, Color: gray



Female test connector - PSBJ-GSK/S VT - 0305365

Female test connector, Color: violet



Female test connector - PSBJ-GSK/S GN - 0305352

Female test connector, Color: green



Female test connector - PSBJ-GSK/S YE - 0305349

Female test connector, Color: yellow



Female test connector - PSBJ-GSK/S BU - 0305336

Female test connector, Color: blue



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### Accessories

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Female test connector - PSBJ-GSK/S RD - 0305323

Female test connector, Color: red



Female test connector - PSBJ-GSK/S WH - 0305310

Female test connector, Color: white



Female test connector - PSB 3,5/8,5/6 - 0305297

Female test connector, Color: silver



Short-circuit connector - KSSI 4-8 - 3000735

Short-circuit connector, Number of positions: 4, Color: black



Short-circuit connector - KSS 8 - 0311540

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



### Tools

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## Accessories

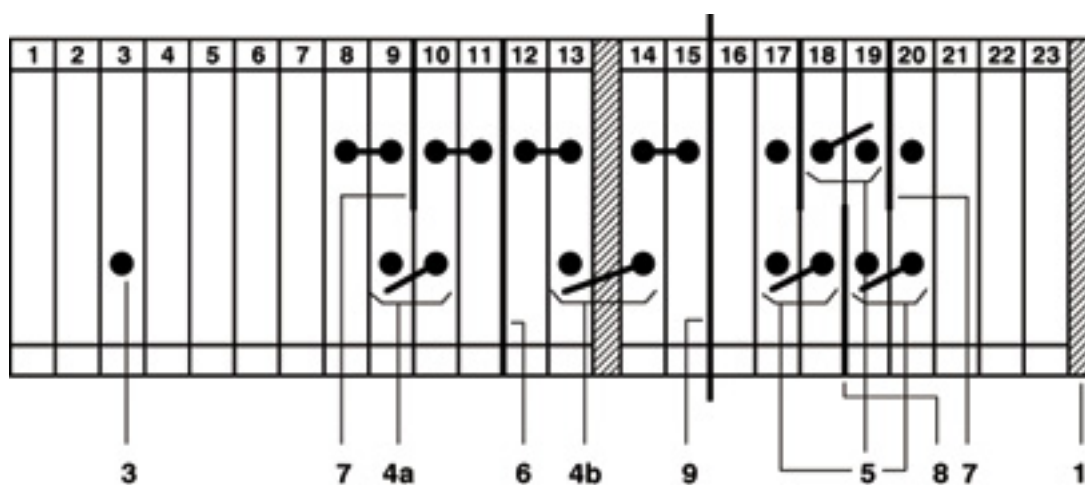
Screwdriver - SZS 1,0X4,0 VDE - 1205066

Screwdriver, bladed, VDE insulated, size: 1.0 x 4.0 x 100 mm, 2-component grip, with non-slip grip



## Drawings

Circuit diagram



- 1 = cover
- 2 = fixed bridge
- 3 = slide
- 4 = switch bar for 2 terminal blocks
- 5 = double switch bar
- 6 = separating plate
- 7 = special separating plate, with cutout top left
- 8 = special separating plate, with cutout top right
- 9 = partition plate
- 10 = Zack marker strip
- 11 = screwdriver