

# Feed-through terminal block - SSK 135 KER-EX - 0505055

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Feed-through terminal block, connection method: screw connection, cross section: 1 mm<sup>2</sup> - 35 mm<sup>2</sup>, 18 - 2 AWG, color: white, mounting type: NS 32, insulation material: ceramic

## Product Features

- Mounting on NS 32 G DIN rail
- Compact design
- Easy potential distribution thanks to chain bridging



## Key commercial data

package_quantity	10
GTIN	4017918002596

## Technical data

### General

Number of levels	1
Number of connections	2
Color	white
Insulating material	Keramik
Inflammability class according to UL 94	V0

### General

Maximum load current	125 A (with 35 mm <sup>2</sup> conductor cross section)
Rated surge voltage	8 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>	125 A
Nominal voltage U <sub>N</sub>	800 V
Open side panel	ja

### Dimensions

Width	15.3 mm
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## Technical data

### Dimensions

Length	53 mm
Height NS 32	67 mm

### Connection data

Conductor cross section solid min.	1 mm <sup>2</sup>
Conductor cross section solid max.	35 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	18
Conductor cross section AWG/kcmil max	2
Conductor cross section stranded min.	1 mm <sup>2</sup>
Conductor cross section stranded max.	25 mm <sup>2</sup>
Min. AWG conductor cross section, stranded	18
Max. AWG conductor cross section, stranded	3
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.75 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.75 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	16 mm <sup>2</sup>
2 conductors with same cross section, solid min.	0.75 mm <sup>2</sup>
2 conductors with same cross section, solid max.	10 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	0.75 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	10 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.75 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	10 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.75 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	10 mm <sup>2</sup>
Connection method	Screw connection
Stripping length	16 mm
Internal cylindrical gage	B 7
Screw thread	M6
Tightening torque, min	3.2 Nm
Tightening torque max	3.7 Nm

## classifications

### eCl@ss

eCl@ss 4.0	27141120
eCl@ss 4.1	27141120
eCl@ss 5.0	27141120

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## classifications

### eCl@ss

eCl@ss 5.1	27141120
eCl@ss 6.0	27141120
eCl@ss 7.0	27141120
eCl@ss 8.0	27141120

### ETIM

ETIM 2.0	EC000897
ETIM 3.0	EC000897
ETIM 4.0	EC000897
ETIM 5.0	EC000897

### UNSPSC


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


## approvals

IECEX / ATEX / GL / GOST /

### Approval details

<b>IECEX</b>	
Nominal voltage UN	690 V
Nominal current IN	101 A
mm <sup>2</sup> /AWG/kcmil	1-25

<b>ATEX</b> 	
Nominal voltage UN	690 V
Nominal current IN	101 A
mm <sup>2</sup> /AWG/kcmil	1-25

<b>GL</b> 	
Nominal voltage UN	690 V

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## approvals

Nominal current IN	101 A
mm <sup>2</sup> /AWG/kcmil	25



## accessories

### End cover

D-SSK 135 KER - 0205067



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### End block

E/1 - 1201044



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### Bridge

KBI- 15 - 0205203



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### Mounting rail

# Feed-through terminal block - SSK 135 KER-EX - 0505055

accessories

NS 32 PERF 2000MM - 1201002



NS 32 UNPERF 2000MM - 1201015



## Drawings

Circuit diagram



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