

# Feed-through terminal block - HK 4-FS(8-2,8-0,8) - 2017017

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Feed-through terminal block, Connection type: Screw connection, Slip-on connection, Cross section: 0.2 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG :24- 14, Width: 6.2 mm, Color: gray, Mounting: NS 32

The figure shows a version of the article

## Product Features

- Terminal blocks and bridge connections eliminated
- User-friendly operation, i.e., unobstructed view of plugs, good access to plugs, and fast connection check
- Attractive appearance due to the elegant conductor conduit in the lateral cable ducts
- Designation read from the front

## Key commercial data

package_quantity	50
GTIN	4017918052652

## Technical data

### General

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

### General

Maximum load current	40 A (with 4 mm <sup>2</sup> conductor cross section)
Rated surge voltage	8 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Nominal current I <sub>N</sub>	32 A
Nominal voltage U <sub>N</sub>	800 V
Open side panel	ja

### Dimensions

Width	6.2 mm
Length	54 mm
Height NS 35/7,5	51.5 mm

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## Technical data

### Dimensions

Height NS 35/15	59 mm
Height NS 32	56.5 mm
End cover width	2.3 mm

### Connection data

Connection method	Screw connection
Stripping length	9 mm
Internal cylindrical gage	A3
Tightening torque, min	0.6 Nm
Tightening torque max	0.8 Nm
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	12
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>
Value	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	4 mm <sup>2</sup>
Value	4 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Value	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm <sup>2</sup>
Value	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>
Value	0.25 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1.5 mm <sup>2</sup>
Value	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>
Value	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	2.5 mm <sup>2</sup>
Value	2.5 mm <sup>2</sup>

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## Technical data

### Connection data

<b>Cross section with insertion bridge, solid max.</b>	4 mm <sup>2</sup>
<b>Cross section with insertion bridge, stranded max.</b>	4 mm <sup>2</sup>

### Connection data

<b>Connection method</b>	Slip-on connection
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## classifications

### eCl@ss

<b>eCl@ss 4.0</b>	27141120
<b>eCl@ss 4.1</b>	27141120
<b>eCl@ss 5.0</b>	27141120
<b>eCl@ss 5.1</b>	27141120
<b>eCl@ss 6.0</b>	27141120
<b>eCl@ss 7.0</b>	27141120
<b>eCl@ss 8.0</b>	27141120

### ETIM

<b>ETIM 2.0</b>	EC000897
<b>ETIM 3.0</b>	EC000897
<b>ETIM 4.0</b>	EC000897
<b>ETIM 5.0</b>	EC000897


### UNSPSC

<b>UNSPSC 6.01</b>	30211811
<b>UNSPSC 7.0901</b>	39121410
<b>UNSPSC 11</b>	39121410
<b>UNSPSC 12.01</b>	39121410
<b>UNSPSC 13.2</b>	39121410

## approvals

CSA / UL Recognized / GOST / GOST /

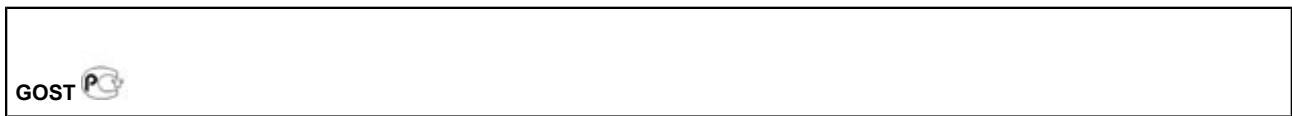
### Approval details

	
Nominal voltage UN	600 V
Nominal current IN	20 A
mm <sup>2</sup> /AWG/kcmil	28-14

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## approvals

<b>UL Recognized</b>	
Nominal voltage UN	250 V
Nominal current IN	25 A
mm <sup>2</sup> /AWG/kcmil	28-12



## accessories

### End cover

D-HK 4 - 2002022



D-UVK 4 - 1922022



## Terminal marking

SBS 6:UNBEDRUCKT - 1007222



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accessories

## Screwdriver tools

SZS 0,6X3,5 - 1205053



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## Bridge

EB 3- 6 - 0201142



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EB 2- 6 - 0201155



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EB 10- 6 - 0201139



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## Mounting rail

NS 32 PERF 2000MM - 1201002



# Feed-through terminal block - HK 4-FS(8-2,8-0,8) - 2017017

accessories

NS 32 UNPERF 2000MM - 1201015

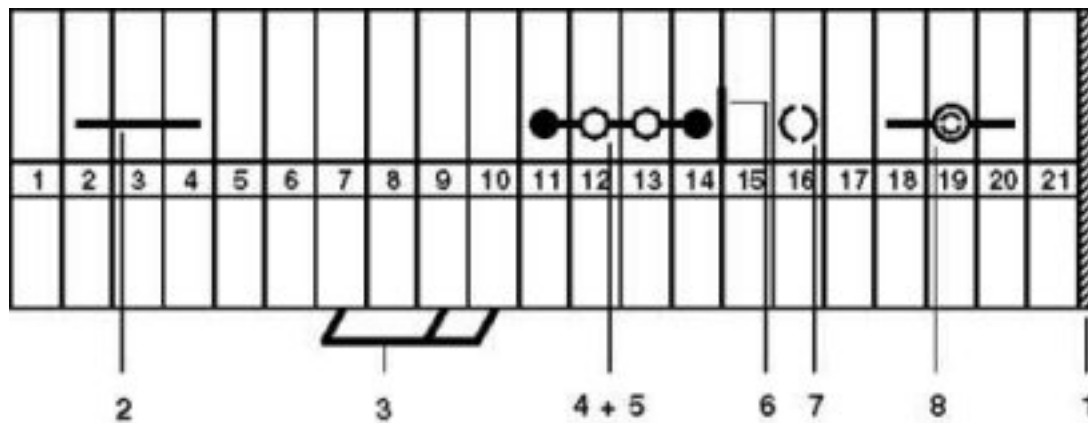


## Drawings

Circuit diagram



Circuit diagram



1 = cover  
 2 = fixed bridge  
 3 = insertion bridge  
 4 = isolator bridge bar  
 5 = bridge bar isolator  
 6 = separating plate  
 7 = partition plate  
 8 = test plug socket

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