

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 mm² - 4 mm², 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

Packing unit	1 pc
GTIN	 4 017918 052652
Weight per Piece (excluding packing)	11.15 g
Custom tariff number	85369010
Country of origin	Poland

Technical data

General

Number of levels	1
Number of connections	9
Nominal cross section	4 mm ²
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V2

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Technical data

General

Rated surge voltage	8 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Connection method	Screw connection
Maximum load current	40 A (with 4 mm ² conductor cross section)
Nominal current I _N	32 A
Nominal voltage U _N	800 V
Connection method	Slip-on connection
Open side panel	Yes

Dimensions

Width	6.2 mm
Length	54 mm
Height NS 35/7,5	51.5 mm
Height NS 35/15	59 mm
Height NS 32	56.5 mm
End cover width	2.3 mm

Connection data

Connection method	Screw connection
Screw thread	M3
Tightening torque, min	0.6 Nm
Tightening torque max	0.8 Nm
Stripping length	9 mm
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	12
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	4 mm ²
Min. AWG conductor cross section, flexible	24
Max. AWG conductor cross section, flexible	14
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	4 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	2.5 mm ²
Cross section with insertion bridge, solid max.	4 mm ²

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Technical data

Connection data

Cross section with insertion bridge, stranded max.	4 mm ²
2 conductors with same cross section, solid min.	0.2 mm ²
2 conductors with same cross section, solid max.	1.5 mm ²
2 conductors with same cross section, stranded min.	0.2 mm ²
2 conductors with same cross section, stranded max.	1.5 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	2.5 mm ²
Nominal current I _N	32 A
Maximum load current	40 A (with 4 mm ² conductor cross section)
Nominal voltage U _N	800 V
Internal cylindrical gage	A3
Connection method	Slip-on connection

Standards and Regulations

Connection in acc. with standard	CSA
Flammability rating according to UL 94	V2

Classifications

eCl@ss

eCl@ss 4.0	27141120
eCl@ss 4.1	27141120
eCl@ss 5.0	27141120
eCl@ss 5.1	27141120
eCl@ss 6.0	27141120
eCl@ss 7.0	27141120
eCl@ss 8.0	27141120
eCl@ss 9.0	27141120

ETIM

ETIM 2.0	EC000897
ETIM 3.0	EC000897
ETIM 4.0	EC000897

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Classifications

ETIM

ETIM 5.0	EC000897
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UNSPSC

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

Approvals

Approvals

Approvals

CSA / UL Recognized / EAC

Ex Approvals

Approvals submitted

Approval details

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

UL Recognized	
mm ² /AWG/kcmil	28-12
Nominal current IN	25 A

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Approvals

Nominal voltage UN	250 V
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EAC

Accessories

Accessories

Connector

Connector - C-SCF 1/2,8X0,5 - 3240152



Slip-on sleeve, non-insulated, 0.5 - 1 mm², 2.8 x 0.5

Connector - C-SCFI 1,5/2,8X0,5 - 3240048



Slip-on sleeve, red, 0.5 - 1.5 mm², 2.8 x 0.5

Connector - C-SCF 1/2,8X0,8 - 3240153



Slip-on sleeve, non-insulated, 0.5 - 1 mm², 2.8 x 0.8

Connector - C-SCFI 1,5/2,8X0,8 - 3240049



Slip-on sleeve, red, 0.5 - 1.5 mm², 2.8 x 0.8

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Accessories

Connector - C-SCF 1,5/6,3X0,8 - 3240156



Slip-on sleeve, non-insulated, 0.5 - 1.5 mm², 6.3 x 0.8

Connector - C-SCFI 1,5/6,3X0,8 - 3240052



Slip-on sleeve, red, 0.5 - 1.5 mm², 6.3 x 0.8

Connector - C-SCF 2,5/6,3X0,8 - 3240159



Slip-on sleeve, non-insulated, 1.5 - 2.5 mm², 6.3 x 0.8

Connector - C-SCFI 2,5/6,3X0,8 - 3240055



Slip-on sleeve, blue, 1.5 - 2.5 mm², 6.3 x 0.8

Connector - C-SCF 6/6,3X0,8 - 3240160



Slip-on sleeve, non-insulated, 4 - 6 mm², 6.3 x 0.8

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Accessories

Connector - C-SCFI 6/6,3X0,8 - 3240056



Slip-on sleeve, yellow, 4 - 6 mm², 6.3 x 0.8

DIN rail

DIN rail perforated - NS 32 PERF 2000MM - 1201002



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

DIN rail, unperforated - NS 32 UNPERF 2000MM - 1201015



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

End cover

End cover - D-HK 4 - 2002022



End cover, Length: 54 mm, Width: 2.3 mm, Color: gray

End cover - D-UVK 4 - 1922022



End cover, Width: 2.3 mm, Color: gray

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Accessories

Insertion bridge

Insertion bridge - EB 3- 6 - 0201142



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

Insertion bridge - EB 2- 6 - 0201155



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

Insertion bridge - EB 10- 6 - 0201139



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

Insulating sleeve

Insulating sleeve - PT/FS 2,8 - 1406700



Insulating sleeve, as touch protection, slide onto the conductor before for 2.8 slip-on sleeves

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Accessories

Insulating sleeve - PT/FS 6,3 - 0604707



Insulating sleeve, as touch protection, slide onto the conductor before for 6.3 slip-on sleeves

Screwdriver tools

Screwdriver - SZS 0,6X3,5 - 1205053



Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

Terminal marking

Marker card - SBS 6:UNBEDRUCKT - 1007222



Marker card, Card, white, unlabeled, can be labeled with: Plotter, Mounting type: Snap into tall marker groove, Snap into flat marker groove, for terminal block width: 6.2 mm, Lettering field: 6 x 6.1 mm

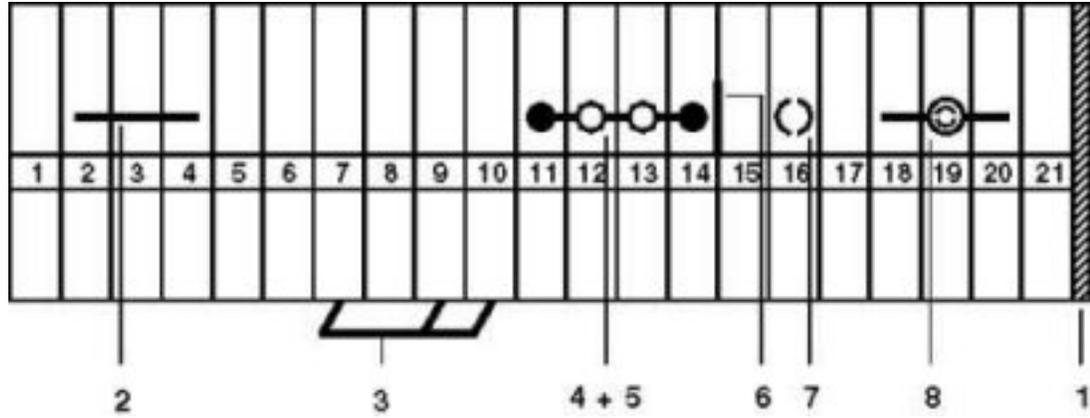
Drawings

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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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