

## Feed-through terminal block - UHK 4-FS(8-2,8-0,8) - 2017237

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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 35/7,5, NS 35/15, NS 32

### 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 052690
Weight per Piece (excluding packing)	10.9 g
Custom tariff number	85369010
Country of origin	Poland

### Technical data

#### General

Number of levels	1
Number of connections	2
Nominal cross section	4 mm <sup>2</sup>
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V2
Rated surge voltage	8 kV
Pollution degree	3

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### Technical data

#### General

Overvoltage category	III
Insulating material group	I
Connection method	Screw connection
Maximum load current	40 A (with 4 mm <sup>2</sup> conductor cross section)
Nominal current I <sub>N</sub>	32 A
Nominal voltage U <sub>N</sub>	800 V
Connection method	Slip-on connection
Open side panel	ja

#### 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 <sup>2</sup>
Conductor cross section solid max.	4 mm <sup>2</sup>
Conductor cross section AWG min.	24
Conductor cross section AWG max.	12
Conductor cross section flexible min.	0.2 mm <sup>2</sup>
Conductor cross section flexible max.	4 mm <sup>2</sup>
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 <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	4 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	2.5 mm <sup>2</sup>
Cross section with insertion bridge, solid max.	4 mm <sup>2</sup>
Cross section with insertion bridge, stranded max.	4 mm <sup>2</sup>
2 conductors with same cross section, solid min.	0.2 mm <sup>2</sup>

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### Technical data

#### Connection data

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.	2.5 mm <sup>2</sup>
Nominal current I <sub>N</sub>	32 A
Maximum load current	40 A (with 4 mm <sup>2</sup> conductor cross section)
Nominal voltage U <sub>N</sub>	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
ETIM 5.0	EC000897

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## Classifications

### UNSPSC

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

## Approvals

### Approvals

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#### Approvals

CSA / UL Recognized / LR / PRS / EAC / EAC

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#### Ex Approvals


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#### Approvals submitted

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## Approval details

CSA 	
mm <sup>2</sup> /AWG/kcmil	28-14
Nominal current I <sub>N</sub>	20 A
Nominal voltage U <sub>N</sub>	600 V

UL Recognized 	
mm <sup>2</sup> /AWG/kcmil	28-12
Nominal current I <sub>N</sub>	25 A
Nominal voltage U <sub>N</sub>	250 V

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## Approvals

LR

PRS

EAC

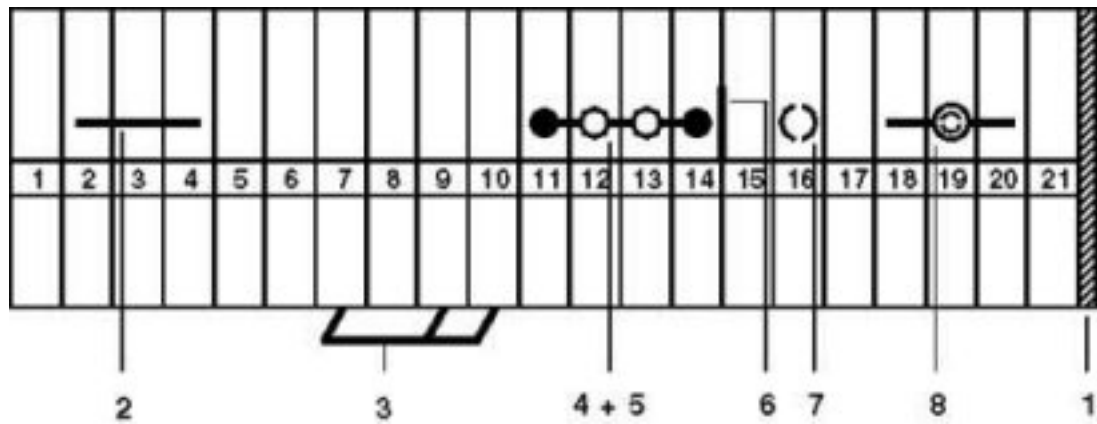
EAC

## 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