

## Fuse modular terminal block - UT 4-HESI (5X20) - 3046032

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Fuse modular terminal block, Connection method: Screw connection, Cross section: 0.14 mm<sup>2</sup>- 6 mm<sup>2</sup>, AWG: 26 - 10, Nominal current: 6.3 A, Nominal voltage: 500 V, Width: 6.2 mm, Fuse type: G / 5 x 20, Fuse type: Glass, Mounting type: NS 35/7,5, NS 35/15, Color: black

### Product Features

- An extremely compact design
- Tested for railway applications
- Test connection on both sides in safety lever

### Key commercial data

package_quantity	50
GTIN	4017918956578

### Technical data

#### General

Number of levels	1
Number of connections	2
Color	black
Insulating material	PA
Inflammability class according to UL 94	V0
Area of application	Railway industry
Area of application	Mechanical engineering
Area of application	Plant engineering

#### General

Fuse	G / 5 x 20
Fuse type	Glass
Rated surge voltage	6 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-3
Nominal current I <sub>N</sub>	6.3 A
Nominal voltage U <sub>N</sub>	500 V (As a fuse terminal block)
Power loss	max. 1.6 W (With single arrangement of the fuse terminal block in the event of overload)

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## Technical data

### General

<b>Power loss</b>	max. 1.6 W (With interconnected arrangement of several fuse terminal blocks in the event of overload)
<b>Power loss</b>	max. 4 W (With single arrangement of the fuse terminal block in the event of a short-circuit)
<b>Power loss</b>	max. 2.5 W (With interconnected arrangement of several fuse terminal blocks in the event of a short-circuit)
<b>Open side panel</b>	nein
<b>Shock protection test specification</b>	DIN EN 50274 (VDE 0660-514):2002-11
<b>Back of the hand protection</b>	guaranteed
<b>Finger protection</b>	guaranteed
<b>Test specification, oscillation, broadband noise</b>	DIN EN 50155 (VDE 0115-200):2008-03
<b>Test spectrum</b>	Service life test category 1, class B, body mounted
<b>Test frequency</b>	$f_1 = 5 \text{ Hz}$ to $f_2 = 150 \text{ Hz}$
<b>ASD level</b>	0.02 g <sup>2</sup> /Hz
<b>Acceleration</b>	0.8 g
<b>Test duration per axis</b>	5 h
<b>Test directions</b>	X-, Y- and Z-axis
<b>Oscillation, broadband noise test result</b>	Test passed
<b>Test specification, shock test</b>	DIN EN 50155 (VDE 0115-200):2008-03
<b>Shock form</b>	Semi-sinusoidal
<b>Acceleration</b>	5 g
<b>Shock duration</b>	30 ms
<b>Number of shocks per direction</b>	3
<b>Test directions</b>	X-, Y- and Z-axis (pos. and neg.)
<b>Shock test result</b>	Test passed
<b>Temperature index, insulating material (DIN EN 60216-1 (VDE 0304-21))</b>	130 °C
<b>Static insulating material application in cold</b>	-60 °C

### Dimensions

<b>Width</b>	6.2 mm
<b>Length</b>	57.8 mm
<b>Height NS 35/7,5</b>	73 mm
<b>Height NS 35/15</b>	80.5 mm

### Connection data

<b>Conductor cross section solid min.</b>	0.14 mm <sup>2</sup>
<b>Conductor cross section solid max.</b>	6 mm <sup>2</sup>
<b>Conductor cross section stranded min.</b>	0.14 mm <sup>2</sup>
<b>Conductor cross section stranded max.</b>	6 mm <sup>2</sup>
<b>Conductor cross section AWG/kcmil min.</b>	26
<b>Conductor cross section AWG/kcmil max</b>	10
<b>Conductor cross section stranded, with ferrule without plastic sleeve min.</b>	0.14 mm <sup>2</sup>

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### Technical data

#### Connection data

Conductor cross section stranded, with ferrule without plastic sleeve max.	4 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.14 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.	0.14 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.	0.14 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.	0.14 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>
Connection method	Screw connection
Stripping length	9 mm
Internal cylindrical gage	A4
Screw thread	M3
Tightening torque, min	0.6 Nm
Tightening torque max	0.8 Nm

### classifications

#### eCl@ss

eCl@ss 4.0	27141116
eCl@ss 4.1	27141116
eCl@ss 5.0	27141116
eCl@ss 5.1	27141116
eCl@ss 6.0	27141116
eCl@ss 7.0	27141116
eCl@ss 8.0	27141116

#### ETIM

ETIM 2.0	EC000897
ETIM 3.0	EC000899
ETIM 4.0	EC000899
ETIM 5.0	EC000899

#### UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410

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## classifications

### UNSPSC

<b>UNSPSC 11</b>	39121410
<b>UNSPSC 12.01</b>	39121410
<b>UNSPSC 13.2</b>	39121410

## approvals

CSA / UL Recognized / KEMA-KEUR / cUL Recognized / LR / GL / RS / IECCEB Scheme / VDE Zeichengenehmigung / IECCEB Scheme / DNV / cULus Recognized /

### Approval details

Usegroups	B	C
Nominal voltage UN	600 V	600 V
Nominal current IN	6.3 A	6.3 A
mm <sup>2</sup> /AWG/kcmil	26-10	26-10

Usegroups	B	C
Nominal voltage UN	600 V	600 V
Nominal current IN	6.3 A	6.3 A
mm <sup>2</sup> /AWG/kcmil	26-10	26-10

Nominal voltage UN	250 V
Nominal current IN	6.3 A
mm <sup>2</sup> /AWG/kcmil	0.14-4

Usegroups	B	C
Nominal voltage UN	600 V	600 V
Nominal current IN	6.3 A	6.3 A
mm <sup>2</sup> /AWG/kcmil	26-10	26-10

# Fuse modular terminal block - UT 4-HESI (5X20) - 3046032

approvals

LR

GL

RS

**IECEE CB Scheme**

Nominal voltage UN	250 V
Nominal current IN	6.3 A
mm <sup>2</sup> /AWG/kcmil	0.14-4

**VDE Zeichengenehmigung**

Nominal voltage UN	250 V
Nominal current IN	
mm <sup>2</sup> /AWG/kcmil	4

Nominal voltage UN	250 V
Nominal current IN	
mm <sup>2</sup> /AWG/kcmil	4

DNV

cULus Recognized

accessories

Screwdriver tools

# Fuse modular terminal block - UT 4-HESI (5X20) - 3046032

accessories

SZS 0,6X3,5 - 1205053



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**Bridge**

VS - 3004207



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FBS 2-6 - 3030336



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FBS 3-6 - 3030242



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FBS 4-6 - 3030255



## Fuse modular terminal block - UT 4-HESI (5X20) - 3046032

### accessories

FBS 5-6 - 3030349



FBS 10-6 - 3030271



FBS 20-6 - 3030365



FBS 50-6 - 3032224



FBSR 2-6 - 3033715



FBSR 3-6 - 3001594



## Fuse modular terminal block - UT 4-HESI (5X20) - 3046032

accessories

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FBSR 4-6 - 3001595



FBSR 5-6 - 3001596



FBSR 10-6 - 3033716



### Marker pen

X-PEN 0,35 - 0811228



### Male insert

DMET 5X20 - 3032075



### Mounting rail

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## Fuse modular terminal block - UT 4-HESI (5X20) - 3046032

### accessories

NS 35/ 7,5 PERF 2000MM - 0801733



NS 35/ 7,5 UNPERF 2000MM - 0801681



NS 35/ 7,5 WH PERF 2000MM - 1204119



NS 35/ 7,5 WH UNPERF 2000MM - 1204122



NS 35/ 7,5 AL UNPERF 2000MM - 0801704



NS 35/ 7,5 ZN PERF 2000MM - 1206421



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accessories

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NS 35/ 7,5 ZN UNPERF 2000MM - 1206434



NS 35/ 7,5 CU UNPERF 2000MM - 0801762



NS 35/ 7,5 CAP - 1206560



NS 35/15 PERF 2000MM - 1201730



NS 35/15 UNPERF 2000MM - 1201714



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### accessories

NS 35/15 WH PERF 2000MM - 0806602



NS 35/15 WH UNPERF 2000MM - 1204135



NS 35/15 AL UNPERF 2000MM - 1201756



NS 35/15 ZN PERF 2000MM - 1206599



NS 35/15 ZN UNPERF 2000MM - 1206586



NS 35/15 CU UNPERF 2000MM - 1201895



## Fuse modular terminal block - UT 4-HESI (5X20) - 3046032

accessories

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NS 35/15 CAP - 1206573



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



### Terminal marking

ZB 5 :UNBEDRUCKT - 1050004



UC-TM 5 - 0818108



UCT-TM 5 - 0828734



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accessories

ZB 6:UNBEDRUCKT - 1051003



UC-TM 6 - 0818085



UCT-TM 6 - 0828736



### Labeled terminal marker

ZB 5 CUS - 0824962



ZB 5,LGS:FORTL.ZAHLEN - 1050017



## Fuse modular terminal block - UT 4-HESI (5X20) - 3046032

### accessories

ZB 5,QR:FORTL.ZAHLEN - 1050020



ZB 5,LGS:GLEICHE ZAHLEN - 1050033



ZB 5,LGS:L1-N,PE - 1050415



UC-TM 5 CUS - 0824581



UCT-TM 5 CUS - 0829595



ZB 6 CUS - 0824992



## Fuse modular terminal block - UT 4-HESI (5X20) - 3046032

accessories

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ZB 6,LGS:FORTL.ZAHLEN - 1051016



ZB 6,QR:FORTL.ZAHLEN - 1051029



ZB 6,LGS:GLEICHE ZAHLEN - 1051032



ZB 6,LGS:L1-N,PE - 1051414



ZB 6,LGS:U-N - 1051430



## Fuse modular terminal block - UT 4-HESI (5X20) - 3046032

### accessories

UC-TM 6 CUS - 0824589



UCT-TM 6 CUS - 0829602



### End block

CLIPFIX 35 - 3022218



CLIPFIX 35-5 - 3022276



E/NS 35 N - 0800886

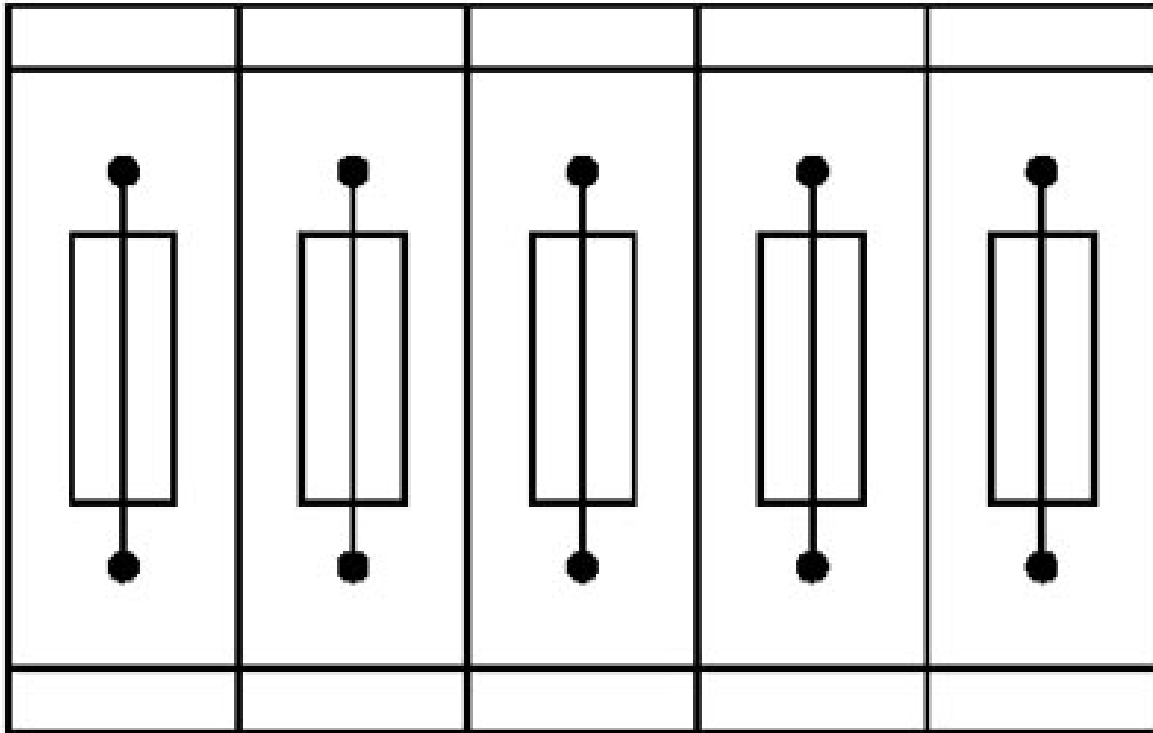


### Drawings



# Fuse modular terminal block - UT 4-HESI (5X20) - 3046032

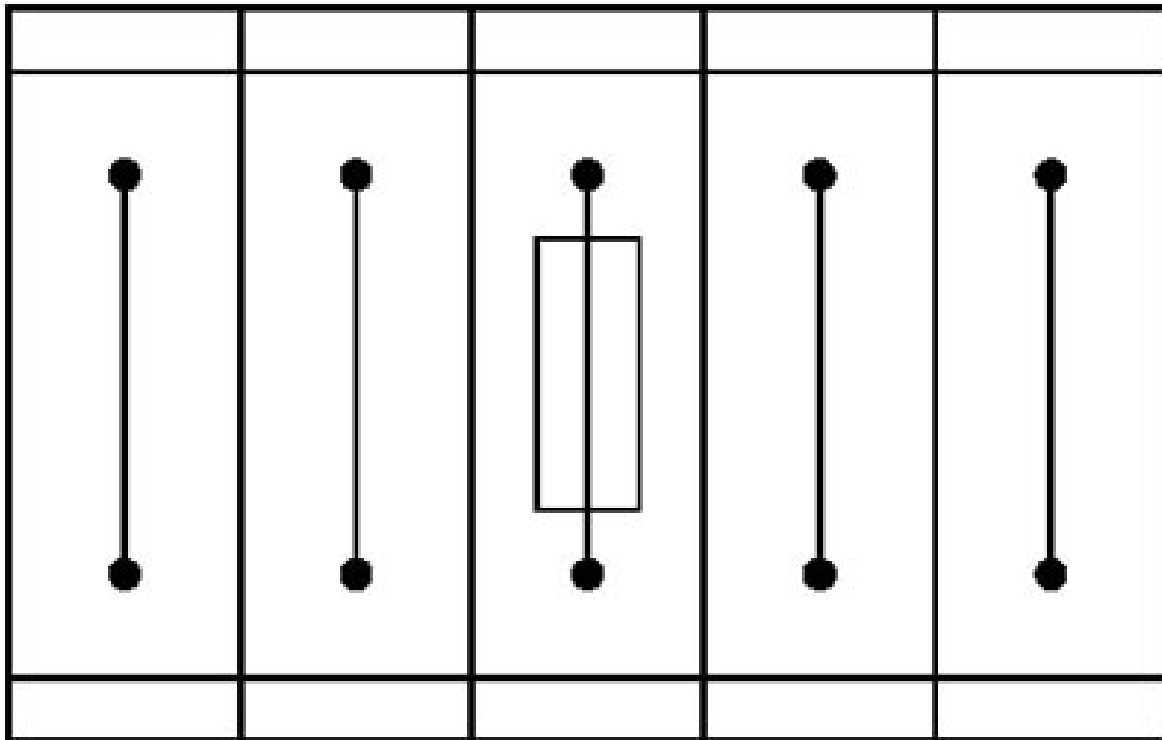
Application drawing



Fuse terminal blocks in interconnected arrangement, block consisting of 5 fuse terminal blocks

# Fuse modular terminal block - UT 4-HESI (5X20) - 3046032

Application drawing



Fuse terminal block in single arrangement, block consisting of one fuse terminal block and 4 feed-through terminal blocks

Circuit diagram

