

Feed-through terminal block - UKH 70 BU - 3244601

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Feed-through terminal block, Connection method: Screw connection, Number of positions: 1, Cross section: 16 mm² - 95 mm², AWG: 4 - 3/0, Width: 20.3 mm, Height: 78.3 mm, Color: blue, Mounting type: NS 35/15, NS 32

The illustration shows the version in gray

Product Features

- ✓ Reliable cable connection is ensured by three-point centering of the conductor in the prismatic sleeve base
- ✓ Tested for railway applications
- ✓ Low contact resistance of the contact surface due to ribbing
- ✓ Screw locking by means of spring-loaded elements in the clamping part

Key commercial data

package_quantity	10
GTIN	4046356561853

Technical data

General

Number of levels	1
Number of connections	2
Color	blue
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

Maximum load current	192 A (At 70 mm ² 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 _N	192 A
Nominal voltage U _N	1000 V
Open side panel	nein

Feed-through terminal block - UKH 70 BU - 3244601

Technical data

General

Number of positions	1
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Dimensions

Width	20.3 mm
Length	70.5 mm
Height	78.3 mm
Height NS 35/7,5	80 mm
Height NS 35/15	87.5 mm
Height NS 32	85.5 mm

Connection data

Note	Note: Product releases, connection cross sections and notes on connecting aluminum cables can be found in the download area.
Conductor cross section solid min.	16 mm ²
Conductor cross section solid max.	95 mm ²
Conductor cross section AWG/kcmil min.	4
Conductor cross section AWG/kcmil max	3/0
Conductor cross section stranded min.	25 mm ²
Conductor cross section stranded max.	70 mm ²
Min. AWG conductor cross section, stranded	3
Max. AWG conductor cross section, stranded	2/0
Conductor cross section stranded, with ferrule without plastic sleeve min.	16 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	70 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	16 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	70 mm ²
2 conductors with same cross section, solid min.	16 mm ²
2 conductors with same cross section, solid max.	25 mm ²
2 conductors with same cross section, stranded min.	16 mm ²
2 conductors with same cross section, stranded max.	25 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	16 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	25 mm ²
Connection method	Screw connection
Stripping length	24 mm
Internal cylindrical gage	A11
Screw thread	M8
Tightening torque, min	8 Nm
Tightening torque max	10 Nm

Feed-through terminal block - UKH 70 BU - 3244601

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

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

ATEX / ATEX / IECEx / CSA / UL Recognized / cUL Recognized / VDE Zeichengenehmigung / IECEx CB Scheme / cULus Recognized /

Approval details

ATEX 	
Nominal voltage UN	690 V
Nominal current IN	180 A
mm²/AWG/kcmil	25-70

	
Nominal voltage UN	690 V
Nominal current IN	180 A
mm²/AWG/kcmil	25-70

Feed-through terminal block - UKH 70 BU - 3244601

approvals

IECEEx	
Nominal voltage UN	690 V
Nominal current IN	180 A
mm²/AWG/kcmil	25-70

CSA 		
Usegroups	B	C
Nominal voltage UN	600 V	1000 V
Nominal current IN	192 A	192 A
mm²/AWG/kcmil	6	6

UL Recognized 		
Usegroups	B	C
Nominal voltage UN	1000 V	1000 V
Nominal current IN	192 A	192 A
mm²/AWG/kcmil	6	6

cUL Recognized 		
Usegroups	B	C
Nominal voltage UN	1000 V	1000 V
Nominal current IN	192 A	192 A
mm²/AWG/kcmil	6	6

VDE Zeichengenehmigung 	
Nominal voltage UN	1000 V
Nominal current IN	
mm²/AWG/kcmil	

IECEE CB Scheme 

Feed-through terminal block - UKH 70 BU - 3244601

approvals

Nominal voltage UN	1000 V
Nominal current IN	
mm²/AWG/kcmil	

cULus Recognized  US

accessories

Pick-off terminal block

AGK 10-UKH 50 - 3001763



Mounting material

UKH 50 EP - 3009228



Socket spanner

VDE-ISS 6 - 1201934



Bridge

Feed-through terminal block - UKH 70 BU - 3244601

accessories

FBI 2-20 N - 3213195



FBI 3-20 N - 3213205



Mounting rail

NS 32 PERF 2000MM - 1201002



NS 32 UNPERF 2000MM - 1201015



NS 35/15 PERF 2000MM - 1201730



Feed-through terminal block - UKH 70 BU - 3244601

accessories

NS 35/15 UNPERF 2000MM - 1201714



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



Feed-through terminal block - UKH 70 BU - 3244601

accessories

NS 35/15 CU UNPERF 2000MM - 1201895



NS 35/15 CAP - 1206573



End block

E/AL-NS 32 - 1201659



E/AL-NS 35 - 1201662



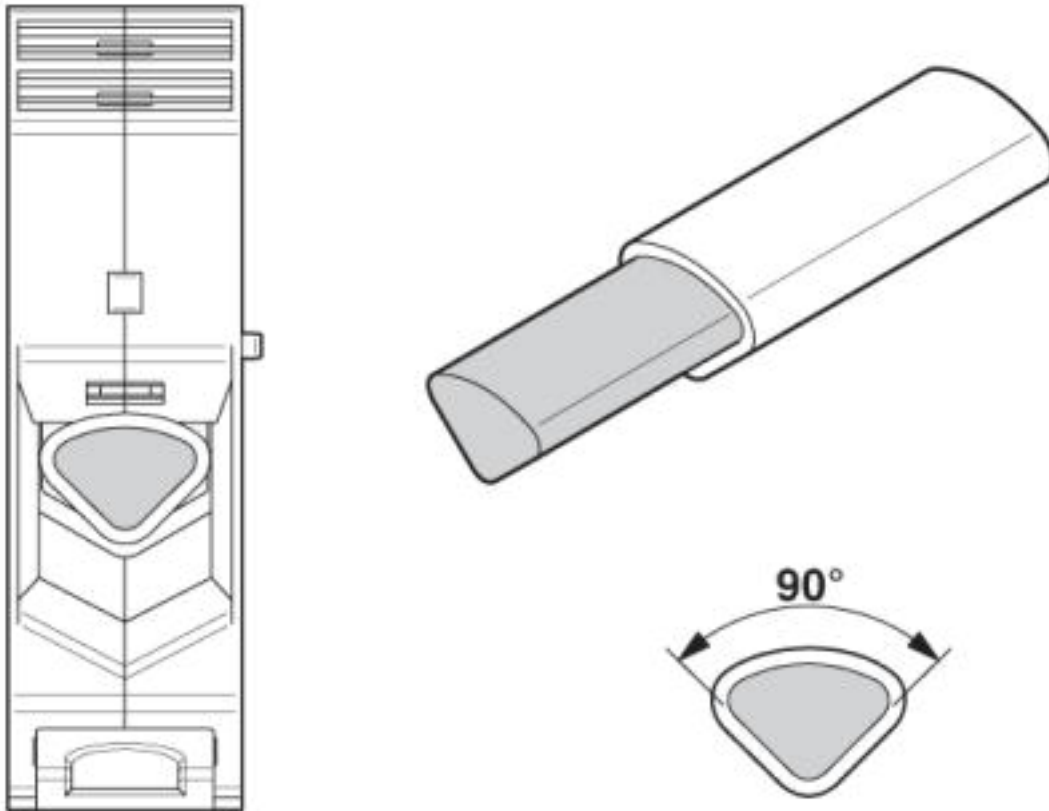
Drawings

Circuit diagram



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Schematic diagram



Connecting aluminum cables. Further notes can be found in the download area

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