

Feed-through terminal block - UT 35 IB - 3047727

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Feed-through terminal block, Connection method: Screw connection, Cross section: 1.5 mm² - 50 mm², AWG: 16 - 1/0, Width: 16 mm, Color: gray, Mounting type: NS 35/7,5, NS 35/15

Product Features

- ✓ The flexible options for reducing bridging in the CLIPLINE complete system can be found in "Accessories for the CLIPLINE complete modular terminal block system"
- ✓ The reducing bridges can be used to connect terminal blocks with different connection technologies, e.g., UT 35 screw terminal block with Push-in technology 2,5 Push-in terminal blocks, to form power blocks



Key commercial data

package_quantity	50
GTIN	4046356178471

Technical data

General

Number of levels	1
Number of connections	2
Color	gray
Insulating material	PA
Inflammability class according to UL 94	V0

General

Maximum load current	150 A (with 50 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	125 A
Nominal voltage U _N	1000 V
Open side panel	nein

Dimensions

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Technical data

Dimensions

Width	16 mm
Length	60.2 mm
Height NS 35/7,5	65.7 mm
Height NS 35/15	73.2 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.	1.5 mm ²
Conductor cross section solid max.	50 mm ²
Conductor cross section AWG/kcmil min.	16
Conductor cross section AWG/kcmil max	1/0
Conductor cross section stranded min.	1.5 mm ²
Conductor cross section stranded max.	50 mm ²
Min. AWG conductor cross section, stranded	16
Max. AWG conductor cross section, stranded	1
Conductor cross section stranded, with ferrule without plastic sleeve min.	1.5 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	35 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	1.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	35 mm ²
2 conductors with same cross section, solid min.	1.5 mm ²
2 conductors with same cross section, solid max.	16 mm ²
2 conductors with same cross section, stranded min.	1.5 mm ²
2 conductors with same cross section, stranded max.	10 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	1.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	16 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	1.5 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	10 mm ²
Connection method	Screw connection
Stripping length	18 mm
Internal cylindrical gage	B9
Screw thread	M6
Tightening torque, min	3.2 Nm
Tightening torque max	3.7 Nm

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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

IECEEx / ATEX / UL Recognized / cUL Recognized / RS / CSA / cULus Recognized /

Approval details

IECEEx	
Nominal voltage UN	690 V
Nominal current IN	126 A
mm²/AWG/kcmil	1.5-35

ATEX 	
Nominal voltage UN	690 V
Nominal current IN	129 A
mm²/AWG/kcmil	1.5-50

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approvals

UL Recognized 		
Usegroups	B	C
Nominal voltage UN	600 V	600 V
Nominal current IN	150 A	150 A
mm²/AWG/kcmil	14	14

cUL Recognized 		
Usegroups	B	C
Nominal voltage UN	600 V	600 V
Nominal current IN	150 A	150 A
mm²/AWG/kcmil	14	14

RS

CSA 		
Usegroups	B	C
Nominal voltage UN	600 V	600 V
Nominal current IN	150 A	150 A
mm²/AWG/kcmil	14	14

cULus Recognized 		
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accessories

Pick-off terminal block

AGK 4-UT 35 - 3047138



Marker pen

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accessories

X-PEN 0,35 - 0811228



Partition plate

TPNS-UK - 0706647



Warning label printed

WS UT 35 - 3047387



End block

E/NS 35 N - 0800886



E/UK - 1201442



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accessories

E/UK 1 - 1201413



CLIPFIX 35 - 3022218



CLIPFIX 35-5 - 3022276



E/NS 35 N - 0800886



Bridge

FBS 2-16 - 3005963



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accessories

RB UT 35-(2,5/4) - 3047277



RB UT 35-ST(2,5/4) - 3047280



Mounting rail

NS 35/ 7,5 PERF 2000MM - 0801733



NS 35/ 7,5 UNPERF 2000MM - 0801681



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



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accessories

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



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



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



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



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



NS 35/ 7,5 CAP - 1206560



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accessories

NS 35/15 PERF 2000MM - 1201730



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



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accessories

NS 35/15 ZN PERF 2000MM - 1206599



NS 35/15 ZN UNPERF 2000MM - 1206586



NS 35/15 CU UNPERF 2000MM - 1201895



NS 35/15 CAP - 1206573



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



Terminal marking

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accessories

ZB 15:UNBEDRUCKT - 0811972



Labeled terminal marker

ZB 15 CUS - 0824945



Planning and marking software

CLIP-PROJECT ADVANCED - 5146040



CLIP-PROJECT PROFESSIONAL - 5146053



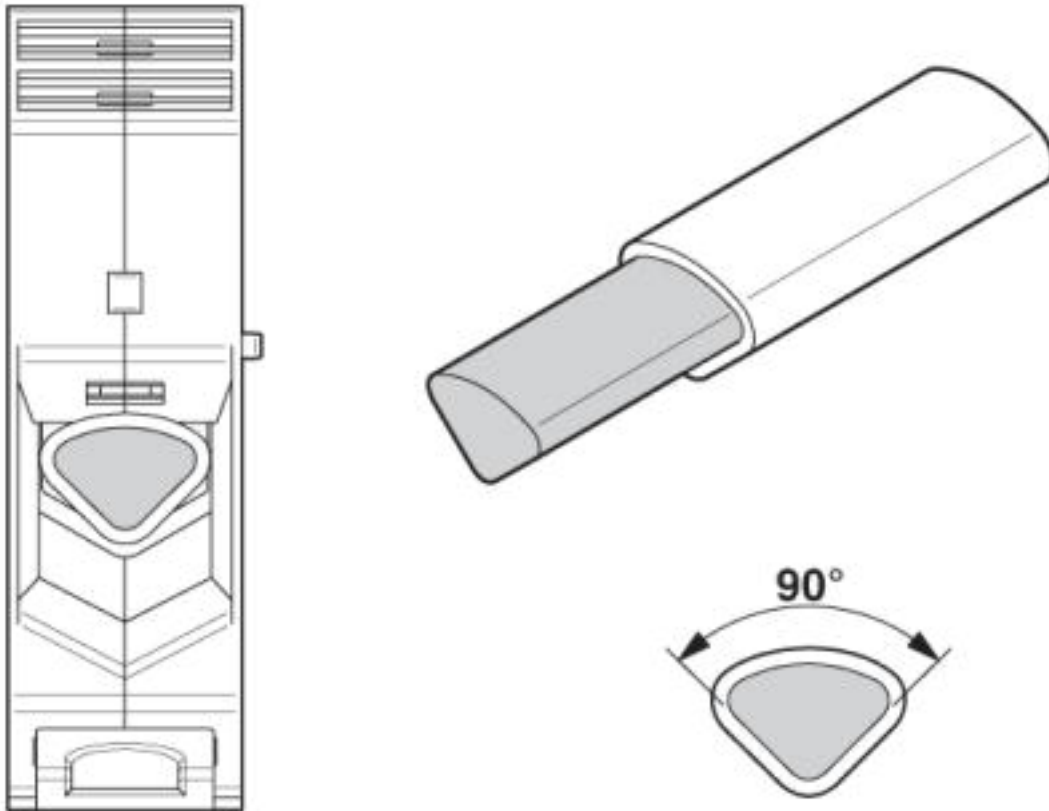
Drawings

Circuit diagram



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Schematic diagram



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

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