

Feed-through terminal block - UT 16 OG - 3047468

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Feed-through terminal block, Connection method: Screw connection, Cross section: 1.5 mm² - 25 mm², AWG: 16 - 4, Width: 12.2 mm, Color: orange, Mounting type: NS 35/7,5, NS 35/15

The figure shows a version of the article

Key commercial data

package_quantity	50
GTIN	4046356286893

Technical data

General

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

General

Maximum load current	101 A (with 25 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	76 A
Nominal voltage U _N	1000 V
Open side panel	ja

Dimensions

Width	12.2 mm
Length	55.5 mm
Height NS 35/7,5	55 mm
Height NS 35/15	62.5 mm

Connection data

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Technical data

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.	25 mm ²
Conductor cross section AWG/kcmil min.	16
Conductor cross section AWG/kcmil max	4
Conductor cross section stranded min.	1.5 mm ²
Conductor cross section stranded max.	25 mm ²
Min. AWG conductor cross section, stranded	16
Max. AWG conductor cross section, stranded	4
Conductor cross section stranded, with ferrule without plastic sleeve min.	1 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	16 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	1 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	16 mm ²
2 conductors with same cross section, solid min.	1 mm ²
2 conductors with same cross section, solid max.	6 mm ²
2 conductors with same cross section, stranded min.	1 mm ²
2 conductors with same cross section, stranded max.	6 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.75 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	10 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	1 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	6 mm ²
Connection method	Screw connection
Stripping length	14 mm
Internal cylindrical gage	A7
Screw thread	M5
Tightening torque, min	2.5 Nm
Tightening torque max	3 Nm

classifications

eCl@ss

eCl@ss 4.0	27141120
eCl@ss 4.1	27141120
eCl@ss 5.0	27141120
eCl@ss 5.1	27141120

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classifications

eCl@ss

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 / CSA / UL Recognized / VDE Zeichengenehmigung / cUL Recognized / IECEE CB Scheme / GL / cULus Recognized /

Approval details

IECEEx	
Nominal voltage UN	690 V
Nominal current IN	73.5 A
mm²/AWG/kcmil	1.5-16

ATEX 	
Nominal voltage UN	690 V
Nominal current IN	89.5 A
mm²/AWG/kcmil	1.5-25

CSA 		
Usegroups	B	C
Nominal voltage UN	600 V	600 V
Nominal current IN	85 A	85 A

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approvals

Usegroups	B	C
mm²/AWG/kcmil	16-4	16-4

UL Recognized 		
Usegroups	B	C
Nominal voltage UN	600 V	600 V
Nominal current IN	85 A	85 A
mm²/AWG/kcmil	16-4	16-4

VDE Zeichengenehmigung 	
Nominal voltage UN	1000 V
Nominal current IN	76 A
mm²/AWG/kcmil	1.5-16

cUL Recognized 		
Usegroups	B	C
Nominal voltage UN	600 V	600 V
Nominal current IN	85 A	85 A
mm²/AWG/kcmil	16-4	16-4

IECEE CB Scheme 	
Nominal voltage UN	1000 V
Nominal current IN	76 A
mm²/AWG/kcmil	1.5-16

GL

cULus Recognized 

accessories

Pick-off terminal block

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accessories

AGK 4-UT 16 - 3047125



End cover

D-UT 16 - 3047206



Partition plate

TPNS-UK - 0706647



Marker pen

X-PEN 0,35 - 0811228



Warning label printed

WS UT 16 - 3047374



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accessories

Bridge

FBS 2-12 - 3005950



RB UT 16-(2,5/4) - 3047073



RB UT 16-ST(2,5/4) - 3047099



Mounting rail

NS 35/ 7,5 PERF 2000MM - 0801733



NS 35/ 7,5 UNPERF 2000MM - 0801681



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accessories

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



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



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



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accessories

NS 35/ 7,5 CAP - 1206560



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



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accessories

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



NS 35/15 CAP - 1206573



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



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accessories

Terminal marking

ZB 12:UNPRINTED - 0812120



UC-TM 12 - 0819194



UCT-TM 12 - 0829144



Labeled terminal marker

ZB 12 CUS - 0824942



UC-TM 12 CUS - 0824613



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accessories

UCT-TM 12 CUS - 0829630



Planning and marking software

CLIP-PROJECT ADVANCED - 5146040



CLIP-PROJECT PROFESSIONAL - 5146053



Drawings

Circuit diagram



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