

Mini feed-through terminal block - MUT 2,5 BU - 3248031

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Mini feed-through terminal block, Connection method: Screw connection, Cross section: 0.2 mm² - 4 mm², AWG: 24 - 12, Width: 5.2 mm, Color: blue, Mounting type: NS 15

Why buy this product

- Space saving thanks to compact design and mounting option on a 15 mm DIN rail
- Clear arrangement thanks to marking of all terminal points
- Easy potential distribution thanks to standardized plug-in bridges



Key Commercial Data

Packing unit	50 STK
GTIN	 4 046356 801478

Technical data

General

Number of levels	1
Number of connections	2
Nominal cross section	2.5 mm ²
Color	blue
Insulating material	PA
Flammability rating according to UL 94	V0
Rated surge voltage	6 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Maximum load current	32 A (with 4 mm ² conductor cross section)
Nominal current I _N	24 A

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Technical data

General

Nominal voltage U_N	500 V
Open side panel	Yes

Dimensions

Width	5.2 mm
End cover width	2.2 mm
Length	29.9 mm
Height NS 15	34 mm

Connection data

Connection method	Screw connection
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	12
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	4 mm ²
Min. AWG conductor cross section, flexible	24
Max. AWG conductor cross section, flexible	12
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	2.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	2.5 mm ²
2 conductors with same cross section, solid min.	0.2 mm ²
2 conductors with same cross section, solid max.	1.5 mm ²
2 conductors with same cross section, stranded min.	0.2 mm ²
2 conductors with same cross section, stranded max.	1.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1.5 mm ²
Stripping length	9 mm
Internal cylindrical gage	A3
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

Standards and Regulations

Connection in acc. with standard	CSA
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Technical data

Standards and Regulations

	IEC 60947-7-1
Flammability rating according to UL 94	V0

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 3.0	EC000897
ETIM 4.0	EC001329
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

Approvals

Approvals

CSA / UL Recognized / cUL Recognized / VDE Zeichengenehmigung / IECEE CB Scheme / GL / BV / DNV / LR / EAC / EAC / cULus Recognized

Ex Approvals

IECEX / ATEX / EAC Ex

Approvals submitted

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Approvals

Approval details

CSA

	B	C	D
mm ² /AWG/kcmil	26-12	26-12	26-12
Nominal current I _N	20 A	20 A	5 A
Nominal voltage U _N	300 V	300 V	600 V

UL Recognized

	B	C
mm ² /AWG/kcmil	24-12	24-12
Nominal current I _N	20 A	20 A
Nominal voltage U _N	300 V	300 V

cUL Recognized

	B	C
mm ² /AWG/kcmil	24-12	24-12
Nominal current I _N	20 A	20 A
Nominal voltage U _N	300 V	300 V

VDE Zeichengenehmigung

mm ² /AWG/kcmil	0.2-1.5
Nominal current I _N	24 A
Nominal voltage U _N	500 V

IECEE CB Scheme

mm ² /AWG/kcmil	2.5-4.0
Nominal voltage U _N	500 V

GL

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Approvals


BV

DNV

LR

EAC

EAC

cULus Recognized  US

Drawings

Circuit diagram



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