

Micro terminal - MT 1,5 - 3100305

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Micro terminal, Connection method: Screw connection, Cross section: 0.14 mm² - 1.5 mm², AWG: 26 - 16, Width: 4.2 mm, Color: gray, Mounting type: NS 15

Why buy this product

- ✓ Nominal cross section of 1.5 mm²
- ✓ 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
- ✓ Design width of just 4.2 mm
- ✓ Wide range of labeling options
- ✓ Can be bridged in terminal center
- ✓ Snap-on foot for NS 15 DIN rails



Key commercial data

Packing unit	50 pc
Minimum order quantity	50 pc
GTIN	 4 017918 099251
Weight per Piece (excluding packing)	2.28 g
Custom tariff number	85369010
Country of origin	Turkey

Technical data

General

Number of levels	1
Number of connections	2
Color	gray
Insulating material	PA
Inflammability class according to UL 94	V0
Maximum load current	17.5 A (with 1.5 mm ² conductor cross section)
Rated surge voltage	4 kV

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Technical data

General

Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Maximum load current	17.5 A (with 1.5 mm ² conductor cross section)
Nominal current I _N	17.5 A
Nominal voltage U _N	400 V
Maximum load current	17.5 A (with 1.5 mm ² conductor cross section)
Open side panel	ja

Dimensions

Width	4.2 mm
End cover width	1 mm
Length	22 mm
Height NS 15	23.5 mm

Connection data

Connection in acc. with standard	IEC 60947-7-1
Connection method	Screw connection
Conductor cross section solid min.	0.14 mm ²
Conductor cross section solid max.	1.5 mm ²
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max.	16
Conductor cross section stranded min.	0.14 mm ²
Conductor cross section stranded max.	1.5 mm ²
Min. AWG conductor cross section, stranded	26
Max. AWG conductor cross section, stranded	16
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	0.75 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	0.75 mm ²
2 conductors with same cross section, solid min.	0.14 mm ²
2 conductors with same cross section, solid max.	0.5 mm ²
2 conductors with same cross section, stranded min.	0.14 mm ²
2 conductors with same cross section, stranded max.	0.5 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.	0.34 mm ²
Stripping length	6 mm
Internal cylindrical gage	A1

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Technical data

Connection data

Screw thread	M2
Tightening torque, min	0.22 Nm
Tightening torque max	0.25 Nm

Classifications

eCl@ss

eCl@ss 4.0	27141123
eCl@ss 4.1	27141123
eCl@ss 5.0	27141120
eCl@ss 5.1	27141120
eCl@ss 6.0	27141120
eCl@ss 7.0	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

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Approvals

CSA / UL Recognized / KEMA-KEUR / LR / GL / BV / DNV / CCA / EAC

Ex Approvals

Approvals submitted

Approval details

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Approvals

CSA	
mm ² /AWG/kcmil	28-14
Nominal current I _N	15 A
Nominal voltage U _N	300 V

UL Recognized	
mm ² /AWG/kcmil	30-14
Nominal current I _N	15 A
Nominal voltage U _N	300 V

KEMA-KEUR	
mm ² /AWG/kcmil	1.5
Nominal voltage U _N	400 V

LR

GL

BV

DNV

CCA	
mm ² /AWG/kcmil	1.5
Nominal voltage U _N	400 V

EAC

Accessories

Accessories

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Accessories

End block

End clamp - E/MBK - 1401637



End clamp, width: 6.2 mm, color: gray

End clamp - E/MK - 1421633



End clamp, width: 6.2 mm, color: gray

End clamp - E/MK 1 - 1421659



End clamp width: 6 mm, color: gray

End clamp - CLIPFIX 15 - 3022263



Snap-on end bracket, to be snapped onto NS 15 DIN rail

End cover

End cover - D-MT 1,5 - 3100321



End cover, Length: 22 mm, Width: 1 mm, Color: gray

Labeled terminal marker

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Accessories

Zack Marker strip, flat - ZBF 4 CUS - 0825023



Zack Marker strip, flat, can be ordered: Strip, white, labeled according to customer specifications, Mounting type: Snap into flat marker groove, for terminal block width: 4.2 mm, Lettering field: 4.2 x 5.2 mm

Zack Marker strip, flat - ZBF 4,LGS:FORTL.ZAHLEN - 0808626



Zack Marker strip, flat, Strip, white, labeled, Printed horizontally: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 100, Mounting type: Snap into flat marker groove, for terminal block width: 4 mm, Lettering field: 4.2 x 5.2 mm

Zack Marker strip, flat - ZBF 4,QR:FORTL.ZAHLEN - 0808820



Zack Marker strip, flat, Strip, white, labeled, Printed vertically: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 100, Mounting type: Snap into flat marker groove, for terminal block width: 4 mm, Lettering field: 4.2 x 5.2 mm

Zack Marker strip, flat - ZBF 4,LGS:GERADE ZAHLEN - 0810818



Zack Marker strip, flat, Strip, white, labeled, Printed horizontally: Consecutive numbers 2 - 20, 22 - 40, etc. up to 82 - 100, Mounting type: Snap into flat marker groove, for terminal block width: 4 mm, Lettering field: 5.15 x 4.15 mm

Zack Marker strip, flat - ZBF 4,LGS:UNGERADE ZAHLEN - 0810850



Zack Marker strip, flat, Strip, white, labeled, Printed horizontally: Odd numbers 1 - 19, 21 - 39, etc. up to 81 - 99, Mounting type: Snap into flat marker groove, for terminal block width: 4 mm, Lettering field: 5.15 x 4.15 mm

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Accessories

Marker for terminal blocks - UC-TMF 4 CUS - 0824630



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, Mounting type: Snap into flat marker groove, for terminal block width: 4.2 mm, Lettering field: 3.6 x 5.1 mm

Marker for terminal blocks - UCT-TMF 4 CUS - 0829651



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, Mounting type: Snap into flat marker groove, for terminal block width: 4.2 mm, Lettering field: 3.4 x 4.7 mm

Mounting rail

DIN rail, unperforated - NS 15 UNPERF 2000MM - 1401695



DIN rail, material: Steel, unperforated, height 5.5 mm, width 15 mm, length: 2 m

DIN rail perforated - NS 15 PERF 2000MM - 1401682



DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 5.5 mm, width 15 mm, length: 2000 mm

DIN rail perforated - NS 15 AL PERF 2000MM - 1401763



DIN rail, material: Aluminum, perforated, height 5.5 mm, width 15 mm, length: 2 m

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Accessories

DIN rail perforated - NS 15 WH PERF 2000MM - 1204096



DIN rail, material: steel, perforated, height 5.5 mm, width 15 mm, length: 2 m

Screw bridge

Fixed bridge - FBRN 2-4 N - 3001543



Fixed bridge, Number of positions: 2, Color: silver

Fixed bridge - FBRN 3-4 N - 3001556



Fixed bridge, Number of positions: 3, Color: silver

Fixed bridge - FBRN 4-4 N - 3001569



Fixed bridge, Number of positions: 4, Color: silver

Fixed bridge - FBRN 5-4 N - 3001572



Fixed bridge, Number of positions: 5, Color: silver

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Fixed bridge - FBRN 6-4 N - 3001585



Fixed bridge, Number of positions: 6, Color: silver

Fixed bridge - FBRN 7-4 N - 3001598



Fixed bridge, Number of positions: 7, Color: silver

Fixed bridge - FBRN 8-4 N - 3001608



Fixed bridge, Number of positions: 8, Color: silver

Fixed bridge - FBRN 10-4 N - 3001624



Fixed bridge, Number of positions: 10, Color: silver

Fixed bridge - FBRN 20-4 N - 3001637



Fixed bridge, Number of positions: 20, Color: silver

Screwdriver tools

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Accessories

Screwdriver - SZS 0,4X2,5 VDE - 1205037



Screwdriver, slot-headed, VDE insulated, size: 0.4 x 2.5 x 80 mm, 2-component grip, with non-slip grip

Terminal marking

Zack Marker strip, flat - ZBF 4:UNBEDRUCKT - 0808587



Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: Plotter, Mounting type: Snap into flat marker groove, for terminal block width: 4 mm, Lettering field: 4.2 x 5.2 mm

Marker for terminal blocks - UC-TMF 4 - 0818166



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK CLED, BLUEMARK LED, Plotter, Mounting type: Snap into flat marker groove, for terminal block width: 4.2 mm, Lettering field: 3.6 x 5.1 mm

Marker for terminal blocks - UCT-TMF 4 - 0828742



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: THERMOMARK CARD, BLUEMARK CLED, BLUEMARK LED, TOPMARK LASER, Mounting type: Snap into flat marker groove, for terminal block width: 4.2 mm, Lettering field: 3.4 x 4.7 mm

Drawings

Circuit diagram

