

## Feed-through terminal block - MXK 4 - 0561002

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Feed-through terminal block, Connection method: Screw connection, Cross section: 0.2 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 24 - 12, Width: 6.2 mm, Color: gray, Mounting type: NS 15



### Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
GTIN	 4 017918 002909
Weight per Piece (excluding packing)	8.34 g
Custom tariff number	85369010
Country of origin	Poland

### Technical data

#### General

Number of levels	1
Number of connections	2
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V0
Nominal current I <sub>N</sub>	32 A
Nominal voltage U <sub>N</sub>	690 V
Open side panel	ja
Shock protection test specification	DIN EN 50274 (VDE 0660-514):2002-11
Back of the hand protection	guaranteed

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### Technical data

#### General

Finger protection	guaranteed
Result of surge voltage test	Test passed
Surge voltage test setpoint	9.8 kV
Ergebnis der Prüfung der mechanischen Festigkeit von Klemmstellen (5maliger Leiteranschluss)	Test passed
Result of bending test	Test passed
Bending test rotation speed	10 rpm
Bending test turns	135
Bending test conductor cross section/weight	0.2 mm <sup>2</sup> / 0.2 kg
	1.5 mm <sup>2</sup> / 0.4 kg
	4 mm <sup>2</sup> / 0.9 kg
Tensile test result	Test passed
Conductor cross section tensile test	0.2 mm <sup>2</sup>
Tractive force setpoint	20 N
Conductor cross section tensile test	1.5 mm <sup>2</sup>
Tractive force setpoint	80 N
Conductor cross section tensile test	4 mm <sup>2</sup>
Tractive force setpoint	120 N
Ergebnis Festsitz auf der Befestigungsauflage	Test passed
Tight fit on carrier	NS 15
Setpoint	1 N
Ergebnis Spannungsfallprüfung	Test passed
Requirements, voltage drop	$U_1 \leq 3.2 \text{ mV}; U_2 \leq 1.5 \times U_1$
Ergebnis Erwärmungsprüfung	Test passed

#### Dimensions

Width	6.2 mm
Length	28 mm
Height NS 35/7,5	38 mm

#### Connection data

Connection method	Screw connection
Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	4 mm <sup>2</sup>
Conductor cross section AWG min.	24
Conductor cross section AWG max.	12
Conductor cross section flexible min.	0.2 mm <sup>2</sup>
Conductor cross section flexible max.	4 mm <sup>2</sup>
Min. AWG conductor cross section, flexible	24

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### Technical data

#### Connection data

Max. AWG conductor cross section, flexible	12
Connection in acc. with standard	IEC/EN 60079-7
Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	4 mm <sup>2</sup>
Conductor cross section flexible min.	0.2 mm <sup>2</sup>
Conductor cross section flexible max.	4 mm <sup>2</sup>
Stripping length	8 mm
Internal cylindrical gage	A3
Screw thread	M3
Tightening torque, min	0.6 Nm
Tightening torque max	0.8 Nm

#### Standards and Regulations

Flammability rating according to UL 94	V0
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### 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
eCl@ss 8.0	27141120
eCl@ss 9.0	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

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### Classifications

#### UNSPSC

UNSPSC 13.2	39121410
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### Approvals

#### Approvals

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#### Approvals

EAC

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#### Ex Approvals

ATEX / IECEx / EAC Ex

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#### Approvals submitted

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### Approval details

EAC
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