

## Mini feed-through terminal block - MSBV 2,5-M YE - 3073225

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Mini feed-through terminal block, Connection method: Spring-cage connection, Cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, Width: 5.2 mm, Height: 22 mm, Color: yellow, Mounting type: Direct mounting with flange



The figure shows a version of the article

### Product Features

- 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	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	3.6 GRM
Custom tariff number	85369010
Country of origin	China

### Technical data

#### General

Number of levels	1
Number of connections	2
Color	yellow
Insulating material	PA
Inflammability class according to UL 94	V0
Rated surge voltage	8 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I

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### Technical data

#### General

Connection in acc. with standard	IEC 60947-7-1
Maximum load current (lower level)	30 A (with 4 mm <sup>2</sup> conductor cross section)
Nominal current I <sub>N</sub> (lower level)	24 A
Nominal voltage U <sub>N</sub>	800 V
Maximum load current (upper level)	30 A (with 4 mm <sup>2</sup> conductor cross section)
Open side panel	JA

#### Dimensions

Width	5.2 mm
Length	32 mm
Height	22 mm

#### Connection data

Connection in acc. with standard	IEC 60947-7-1
Connection method	Spring-cage connection
Conductor cross section solid min.	0.08 mm <sup>2</sup>
Conductor cross section solid max.	4 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	28
Conductor cross section AWG/kcmil max	12
Conductor cross section stranded min.	0.08 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
Min. AWG conductor cross section, stranded	28
Max. AWG conductor cross section, stranded	14
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.14 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.14 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.5 mm <sup>2</sup>
Stripping length	8 mm

### 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	EC000902
ETIM 3.0	EC000902
ETIM 4.0	EC000902
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

UL Recognized / VDE Zeichengenehmigung / cUL Recognized / CSA / IEC CB Scheme / cULus Recognized

#### Ex Approvals

#### Approvals submitted

### Approval details

UL Recognized 				
		B	C	D
mm <sup>2</sup> /AWG/kcmil	28-12	28-12	28-12	28-12
Nominal current IN	20 A	20 A	20 A	5 A

## Mini feed-through terminal block - MSBV 2,5-M YE - 3073225

### Approvals

		B	C	D
Nominal voltage UN	600 V	300 V	300 V	600 V

VDE Zeichengenehmigung

mm <sup>2</sup> /AWG/kcmil	0.2-2.5		
Nominal current IN	24 A		
Nominal voltage UN	800 V		

cUL Recognized

		B	C	D
mm <sup>2</sup> /AWG/kcmil	28-12	28-12	28-12	28-12
Nominal current IN	20 A	20 A	20 A	5 A
Nominal voltage UN	600 V	300 V	300 V	600 V

CSA

	B	C	D
mm <sup>2</sup> /AWG/kcmil	28-12	28-12	28-12
Nominal current IN	20 A	20 A	20 A
Nominal voltage UN	600 V	600 V	600 V

IECEE CB Scheme

mm <sup>2</sup> /AWG/kcmil	0.2-2.5		
Nominal voltage UN	800 V		

cULus Recognized

### Drawings

## Mini feed-through terminal block - MSBV 2,5-M YE - 3073225

Circuit diagram

