

Feed-through terminal block - MBK BU - 1401093

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://download.phoenixcontact.com>)



Feed-through terminal block, Connection method: Screw connection, Cross section: 0.2 mm² - 2.5 mm², AWG: 24 - 14, Width: 4.5 mm, Color: blue, Mounting type: NS 15

Product Features

- ✓ MBK ... mini strip terminal blocks and their variants represent the original, typical shape of the MBK ... range
- ✓ 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

package_quantity	200
GTIN	4017918020200

Technical data

General

Number of levels	1
Number of connections	2
Color	blue
Insulating material	PA
Inflammability class according to UL 94	V2

General

Maximum load current	24 A (with 2.5 mm ² conductor cross section)
Rated surge voltage	6 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	17.5 A
Nominal voltage U _N	500 V
Open side panel	nein

Dimensions

Width	4.5 mm
Length	22 mm

Feed-through terminal block - MBK BU - 1401093

Technical data

Dimensions

Height NS 15	23 mm
--------------	-------

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	14
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	1.5 mm ²
Min. AWG conductor cross section, stranded	24
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.	1.5 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.	1 mm ²
2 conductors with same cross section, solid min.	0.2 mm ²
2 conductors with same cross section, solid max.	0.75 mm ²
2 conductors with same cross section, stranded min.	0.2 mm ²
2 conductors with same cross section, stranded max.	1 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.	0.75 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.	0.5 mm ²
Cross section with insertion bridge, solid max.	1.5 mm ²
Cross section with insertion bridge, stranded max.	1.5 mm ²
Connection method	Screw connection
Stripping length	8 mm
Internal cylindrical gage	A 1
Screw thread	M2,6
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

classifications

eCl@ss

eCl@ss 4.0	27141123
eCl@ss 4.1	27141123

Feed-through terminal block - MBK BU - 1401093

classifications

eCl@ss

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

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

GOST /

Approval details

 GOST
--

accessories

Partition plate

TP-BK/MBK - 0801791



Partition plate

Feed-through terminal block - MBK BU - 1401093

accessories

ATP-MBK - 1413227



Terminal marking

BN WH - 1401404



Screwdriver tools

SZS 0,6X3,5 - 1205053



Labeled terminal marker

BN-ZB 5,2/WH CUS - 0824271



Bridge

EB 3- 5 - 1401145



Feed-through terminal block - MBK BU - 1401093

accessories

EB 10- 5 - 1401132



EB 2- 5 - 1401158



Mounting rail

NS 15 UNPERF 2000MM - 1401695



NS 15 PERF 2000MM - 1401682



NS 15 AL PERF 2000MM - 1401763



Feed-through terminal block - MBK BU - 1401093

accessories

NS 15 WH PERF 2000MM - 1204096



End block

E/MBK - 1401637



E/MK - 1421633



E/MK 1 - 1421659



accessories

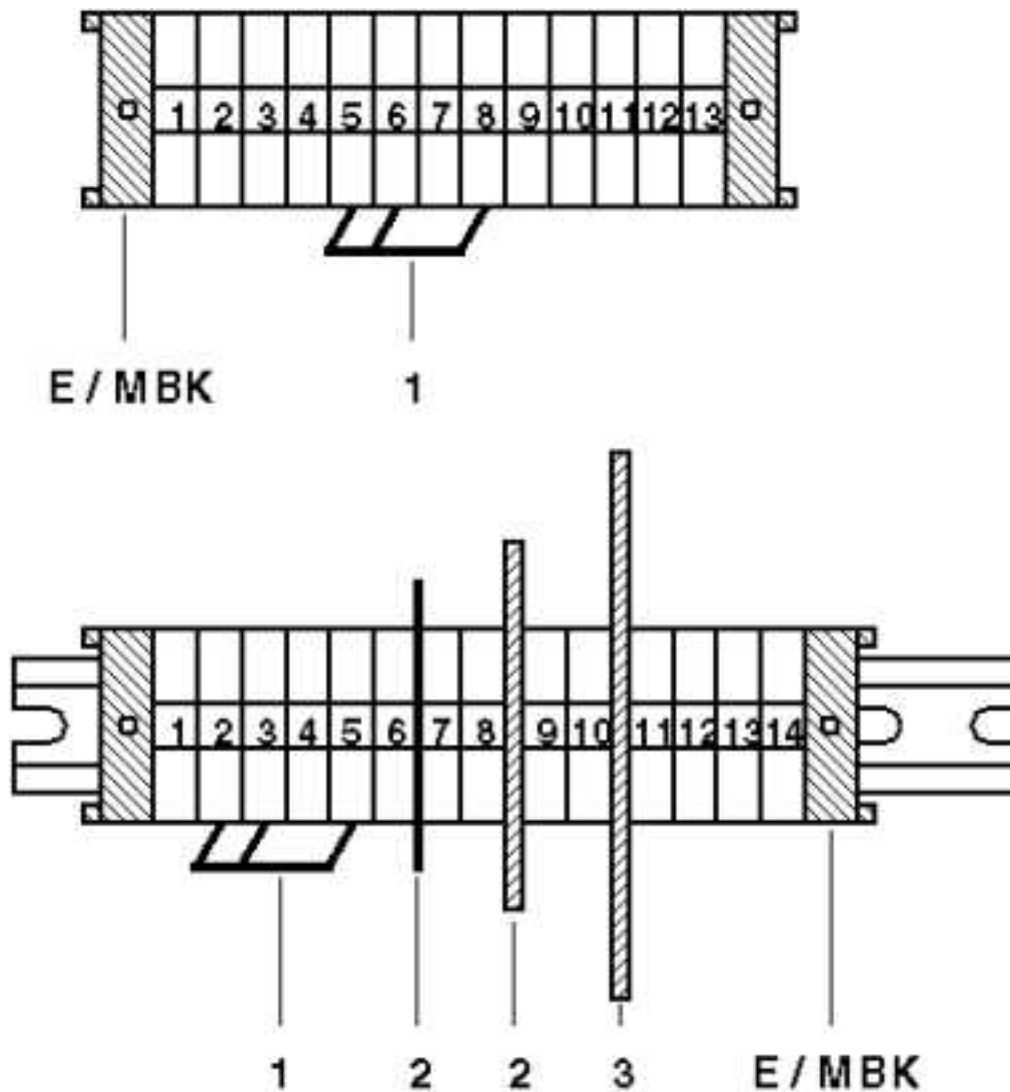
ATS-MBK - 1402225



Drawings

Feed-through terminal block - MBK BU - 1401093

Circuit diagram



1 = insertion bridge
2 = partition plate
3 = separating plate

© Phoenix Contact 2013 - all rights reserved
<http://www.phoenixcontact.com>