

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 documentation. Our general terms of use for downloads are valid.



Feed-through terminal block, nom. voltage: 250 V, nominal current: 12 A, number of connections: 3, number of positions: 1, connection method: Screw/plug-in connection, 2nd level connection left, cross section: 0.2 mm² - 4 mm², mounting type: NS 32, NS 35/15, NS 35/7,5, color: gray

Commercial data

Item number	3002034
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BE12
Product key	BE1241
GTIN	4017918090050
Weight per piece (including packing)	6.985 g
Weight per piece (excluding packing)	6.985 g
Customs tariff number	85369010
Country of origin	TR

UK 3-MSTB-5,08 - Feed-through terminal block



3002034

<https://www.phoenixcontact.com/us/products/3002034>

Technical data

Notes

General	Current and voltage are determined by the plug used.
---------	--

Product properties

Product type	Feed-through terminal block
Product family	UK 3-MSTB
Number of positions	1
Pitch	5.08 mm
Number of connections	3
Number of rows	2
Potentials	1

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	4 kV
Maximum power dissipation for nominal condition	0.77 W

Connection data

Number of connections per level	3
Nominal cross section	2.5 mm ²
Rated cross section AWG	12

2nd level connection left

Connection method	Screw/plug-in connection
Screw thread	M3
Tightening torque	0.5 ... 0.6 Nm
Stripping length	8 mm
Internal cylindrical gage	A3
Conductor cross-section rigid	0.2 mm ² ... 4 mm ²
Cross section AWG	24 ... 12 (converted acc. to IEC)
Conductor cross-section flexible	0.2 mm ² ... 2.5 mm ²
Conductor cross-section, flexible [AWG]	24 ... 14 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm ² ... 2.5 mm ²
Flexible conductor cross-section (ferrule with plastic sleeve)	0.25 mm ² ... 1.5 mm ²
2 conductors with same cross section, solid	0.2 mm ² ... 1.5 mm ²
2 conductors with same cross section, flexible	0.2 mm ² ... 1 mm ²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	0.25 mm ² ... 0.5 mm ²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm ² ... 1 mm ²

UK 3-MSTB-5,08 - Feed-through terminal block

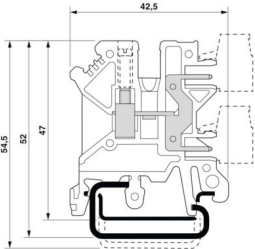


3002034

<https://www.phoenixcontact.com/us/products/3002034>

Nominal current	12 A
Maximum load current	12 A (with 4 mm ² conductor cross-section)
Nominal voltage	250 V

Dimensions

Dimensional drawing	
Width	5.08 mm
End cover width	2.5 mm
Height	42.5 mm
Depth on NS 32	52 mm
Depth on NS 35/7,5	47 mm
Depth on NS 35/15	54.5 mm
Pitch	5.08 mm

Material specifications

Color	gray (RAL 7042)
Flammability rating according to UL 94	V2
Insulating material group	I
Insulating material	PA
Contact surface	Tin Sn
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	125 °C
Relative insulation material temperature index (Elec., UL 746 B)	125 °C

Electrical tests

Surge voltage test

Result	Test passed
Short-time withstand current 1 mm ²	0.12 kA
Result	Test passed

Power-frequency withstand voltage

Test voltage setpoint	1.5 kV
Result	Test passed

Mechanical properties

Mechanical data

Open side panel	Yes
-----------------	-----

Mechanical tests

Attachment on the carrier

DIN rail/fixing support	NS 32/NS 35
Result	Test passed

Environmental and real-life conditions

Needle-flame test

Time of exposure	30 s
Result	Test passed

Oscillation/broadband noise

Specification	DIN EN 50155 (VDE 0115-200):2018-05
Spectrum	Long life test category 2, bogie-mounted
Frequency	$f_1 = 5 \text{ Hz}$ to $f_2 = 150 \text{ Hz}$
ASD level	$0.964 \text{ (m/s}^2\text{)}^2/\text{Hz}$
Acceleration	0.58g
Test duration per axis	5 h
Test directions	X-, Y- and Z-axis
Result	Test passed

Shocks

Specification	DIN EN 50155 (VDE 0115-200):2018-05
Pulse shape	Half-sine
Acceleration	5g
Shock duration	30 ms
Number of shocks per direction	3
Test directions	X-, Y- and Z-axis (pos. and neg.)
Result	Test passed

Ambient conditions

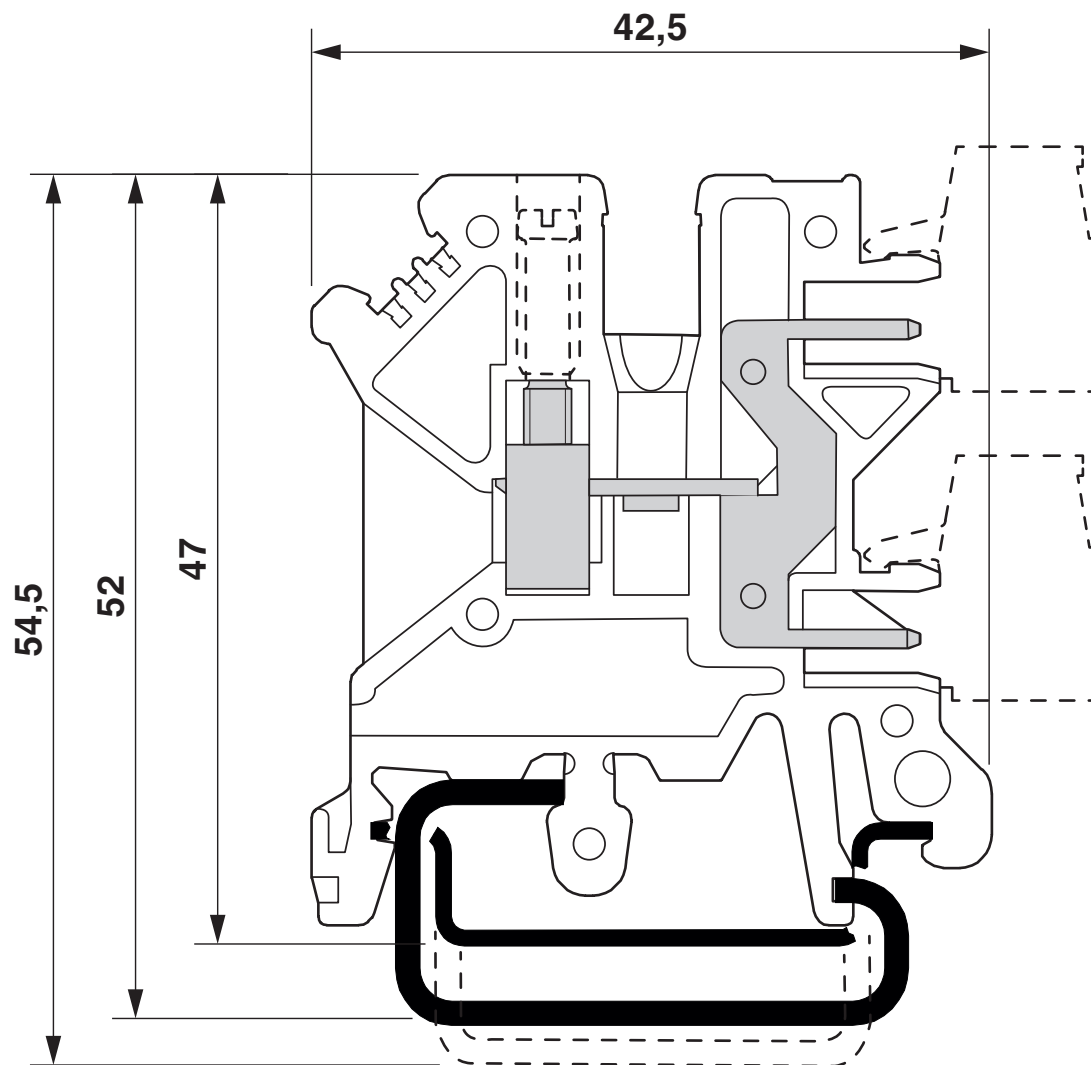
Ambient temperature (operation)	-60 °C ... 100 °C (max. operating temperature range including self-heating, see derating curve)
Ambient temperature (storage/transport)	-25 °C ... 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C
Permissible humidity (operation)	20 % ... 90 %
Permissible humidity (storage/transport)	30 % ... 70 %

Mounting

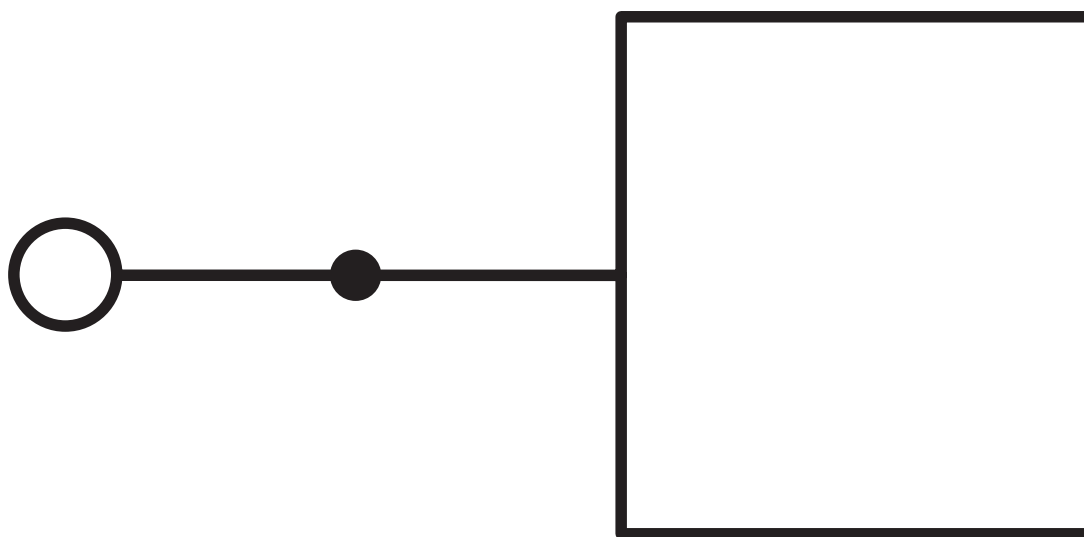
Mounting type	NS 32
	NS 35/15
	NS 35/7,5

Drawings

Dimensional drawing



Circuit diagram



UK 3-MSTB-5,08 - Feed-through terminal block



3002034

<https://www.phoenixcontact.com/us/products/3002034>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/3002034>

 CSA Approval ID: 13631				
	Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
keine				
	300 V	20 A	28 - 12	-

 cULus Recognized Approval ID: E60425				
	Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
F				
	250 V	10 A	30 - 12	-
D				
	300 V	10 A	30 - 12	-

UK 3-MSTB-5,08 - Feed-through terminal block



3002034

<https://www.phoenixcontact.com/us/products/3002034>

Classifications

ECLASS

ECLASS-13.0	27250101
ECLASS-15.0	27250101

ETIM

ETIM 9.0	EC000897
----------	----------

UNSPSC

UNSPSC 21.0	39121400
-------------	----------

3002034

<https://www.phoenixcontact.com/us/products/3002034>

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	60754feb-c58a-467e-9126-3cc008a0e56b

Phoenix Contact 2025 © - all rights reserved

<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com