

UK 2,5 N - Feed-through terminal block



3003347

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Feed-through terminal block, nom. voltage: 800 V, nominal current: 24 A, number of connections: 2, connection method: Screw connection, Rated cross section: 2.5 mm², cross section: 0.2 mm² - 4 mm², mounting type: NS 35/7,5, NS 35/15, NS 32, color: gray

Your advantages

- Universal foot which can be used on NS 35... and NS 32... DIN rails
- The UK universal screw terminal block series has the typical features which are decisive for practical applications
- Potential distribution via fixed bridges in the terminal center or insertion bridges in the clamping space

Commercial Data

Item number	3003347
Packing unit	50 pc
Minimum order quantity	50 pc
Sales Key	BE1
Product Key	BE1211
Catalog Page	Page 459 (C-1-2019)
GTIN	4017918099299
Weight per Piece (including packing)	6.36 g
Weight per Piece (excluding packing)	5.7 g
Customs tariff number	85369010
Country of origin	IN

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Technical Data

Product properties

Product type	Feed-through terminal block
Number of connections	2
Number of rows	1
Potentials	1

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	8 kV
Maximum power dissipation for nominal condition	0.77 W

Connection data

Number of connections per level	2
Nominal cross section	2.5 mm ²

Level 1 above 1 below 1

Screw thread	M3
Tightening torque	0.6 ... 0.8 Nm
Stripping length	7 mm
Internal cylindrical gage	A3
Connection in acc. with standard	IEC 60947-7-1
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
Cross-section with insertion bridge, rigid	2.5 mm ²
Cross-section with insertion bridge, flexible	2.5 mm ²
2 conductors with same cross section, solid	0.2 mm ² ... 1 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 ... 1 mm ²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm ² ... 1.5 mm ²
Nominal current	24 A
Maximum load current	24 A (with a 2.5 mm ² conductor cross section)
Nominal voltage	800 V
Nominal cross section	2.5 mm ²

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Ex data

Rated data (ATEX/IECEx)

Identification	Ex II 2 G Ex eb IIC Gb
Operating temperature range	-60 °C ... 105 °C
Ex-certified accessories	3001022 D-UK 2,5
	3003020 D-UK 4/10
	1212587 SF-SL 0,6X3,5-100 S-VDE
	1201442 E/UK
List of bridges	Fixed bridge / FBR 2-5-EX / 0716129
	Fixed bridge / FBR 10-5-EX / 2303226
	Fixed bridge / FBR 80-5-EX / 3000942
Bridge data	20 A / 2.5 mm ²
Ex temperature increase	40 K (20.5 A / 2.5 mm ²)
	40 K (25.5 A / 4 mm ²)
Rated voltage	550 V
for bridging with bridge	550 V
- At bridging between non-adjacent terminal blocks	176 V
Rated insulation voltage	500 V
output	(Permanent)

Ex level General

Rated current	20.5 A (2.5 mm ²)
Maximum load current	25.5 A (4 mm ²)
Contact resistance	0.34 mΩ

Ex connection data General

Torque range	0.6 Nm ... 0.8 Nm
Nominal cross section	2.5 mm ²
Rated cross section AWG	14
Connection capacity rigid	0.2 mm ² ... 4 mm ²
Connection capacity AWG	24 ... 12
Connection capacity flexible	0.2 mm ² ... 2.5 mm ²
Connection capacity AWG	24 ... 14
2 conductors with same cross section, solid	0.2 mm ² ... 1 mm ²
2 conductors with the same cross-section AWG rigid	24 ... 18
2 conductors with same cross section, stranded	0.2 mm ² ... 1 mm ²
2 conductors with the same cross-section AWG flexible	24 ... 18

Dimensions

Width	5.2 mm
End cover width	1.5 mm
Height NS 35/15	49.5 mm
Height NS 35/7,5	42 mm
Height	1.654 "