

0719087

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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:  $2.5 \text{ mm}^2$ , cross section:  $0.2 \text{ mm}^2$  -  $4 \text{ mm}^2$ , mounting type: NS 35/7,5, NS 35/15, NS 32, color: green

### 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	0719087
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	BE12
Product key	BE1211
GTIN	4017918599447
Weight per piece (including packing)	6.427 g
Weight per piece (excluding packing)	5.927 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 mm²

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 mm² 4 mm²
Cross section AWG	24 12 (converted acc. to IEC)
Conductor cross section flexible	0.2 mm² 2.5 mm²
Conductor cross section, flexible [AWG]	24 14 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm² 2.5 mm²
Flexible conductor cross section (ferrule with plastic sleeve)	0.25 mm² 1.5 mm²
Cross-section with insertion bridge, rigid	2.5 mm²
Cross-section with insertion bridge, flexible	2.5 mm²
2 conductors with same cross section, solid	0.2 mm² 1 mm²
2 conductors with same cross section, flexible	0.2 mm² 1 mm²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	0.25 mm² 1 mm²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm² 1.5 mm²
Nominal current	24 A
Maximum load current	24 A (with a 2.5 mm² conductor cross section)
Nominal voltage	800 V
Nominal cross section	2.5 mm²



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#### **Dimensions**

Width	5.2 mm
End cover width	1.5 mm

#### Material specifications

Color	green (RAL 6021)
Flammability rating according to UL 94	V2
Insulating material group	I
Insulating material	PA
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

Test voltage setpoint	9.8 kV
Result	Test passed

#### Temperature-rise test

Requirement temperature-rise test	Increase in temperature ≤ 45 K
Result	Test passed
Short-time withstand current 2.5 mm²	0.3 kA
Short-time withstand current 4 mm²	0.48 kA
Result	Test passed

#### Power-frequency withstand voltage

Test voltage setpoint	2 kV
Result	Test passed

### Mechanical properties

Open side panel	Yes

#### Mechanical tests

#### Mechanical strength

Result	Test passed	
ttachment on the carrier		
DIN rail/fixing support	NS 32/NS 35	
Test force setpoint	1 N	
Result	Test passed	



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Revolutions	135
Conductor cross section/weight	0.2 mm² / 0.2 kg
	2.5 mm² / 0.7 kg
	4 mm² / 0.9 kg
Result	Test passed

#### Environmental and real-life conditions

#### Needle-flame test

Time of exposure	30 s	
Result	Test passed	
Ambient conditions		

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 (storage/transport)	30 % 70 %

### Standards and regulations

### Mounting

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

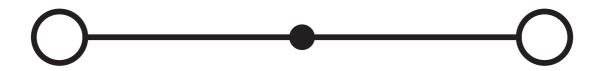


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### Drawings

Circuit diagram





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### Classifications

#### **ETIM**

	ETIM 8.0	EC000897
UN	ISPSC	
	LINSPSC 21.0	39121400



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### Environmental product compliance

#### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits
ELL DE VCH 6//HC	
EU REACH SVHC	

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