

Feed-through terminal block - UK 3-RETURN BU - 3002568

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Universal terminal block with screw connection, cross section: 0.2 - 2.5 mm², AWG: 24 - 12, width: 5.2 mm, color: Blue

The illustration shows version UK 3-RETURN in gray



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
GTIN	 4 017918 090333
Weight per Piece (excluding packing)	9.11 g
Custom tariff number	85369010
Country of origin	Poland

Technical data

General

Number of levels	2
Number of connections	2
Color	blue
Insulating material	PA
Flammability rating according to UL 94	V2
Rated surge voltage	6 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Connection in acc. with standard	IEC / EN
Maximum load current	32 A (with 4 mm ² conductor cross section)

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Technical data

General

Nominal current I_N	32 A
Nominal voltage U_N	500 V
Open side panel	Yes

Dimensions

Width	5.2 mm
Length	47.5 mm
Height NS 35/7,5	58.5 mm
Height NS 35/15	66 mm
Height NS 32	63.5 mm

Connection data

Connection method	Screw connection
Connection in acc. with standard	IEC / EN
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	12
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	2.5 mm ²
Min. AWG conductor cross section, flexible	24
Max. AWG conductor cross section, flexible	14
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	2.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	1.5 mm ²
Cross section with insertion bridge, solid max.	4 mm ²
Cross section with insertion bridge, stranded max.	2.5 mm ²
2 conductors with same cross section, solid min.	0.2 mm ²
2 conductors with same cross section, solid max.	1 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.	1 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.	1 mm ²

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Technical data

Connection data

Cross section with insertion bridge, solid max.	4 mm ²
Cross section with insertion bridge, stranded max.	2.5 mm ²
Connection in acc. with standard	UL
Conductor cross section AWG min.	30
Conductor cross section AWG max.	12
Stripping length	8 mm
Screw thread	M3
Tightening torque, min	0.6 Nm
Tightening torque max	0.8 Nm

Standards and Regulations

Connection in acc. with standard	CSA
	IEC / EN
Flammability rating according to UL 94	V2

Classifications

eCl@ss

eCl@ss 4.0	27141120
eCl@ss 4.1	27141120
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
eCl@ss 9.0	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

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Classifications

UNSPSC

UNSPSC 13.2	39121410
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Approvals

Approvals

Approvals

CSA / UL Recognized / EAC

Ex Approvals

Approvals submitted

Approval details

CSA	
mm ² /AWG/kcmil	28-12
Nominal current I _N	25 A
Nominal voltage U _N	300 V

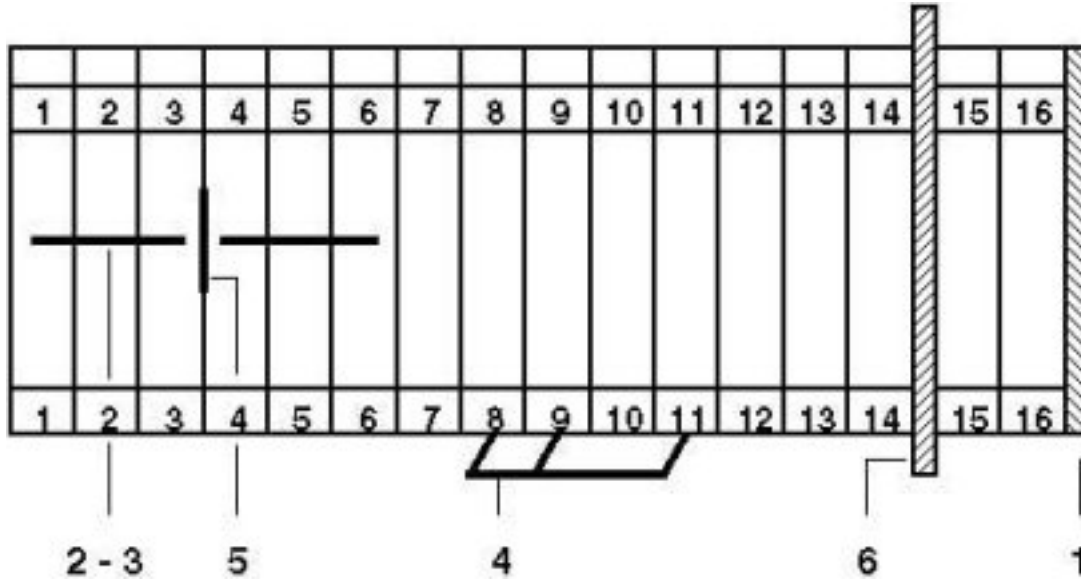
UL Recognized	
mm ² /AWG/kcmil	30-12
Nominal current I _N	20 A
Nominal voltage U _N	300 V

EAC

Drawings

Feed-through terminal block - UK 3-RETURN BU - 3002568

Circuit diagram



- 1 = cover
- 2 = fixed bridge, for cross-connections in the terminal center, screw heads with insulating collar
- 3 = fixed bridge, for cross-connections in the terminal center, with crimped-on rollers
- 4 = insertion bridge
- 5 = separating plate
- 6 = partition plate