

Feed-through terminal block - UK 3-TWIN BU - 3002416

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1-level terminal block with double connection on one side, cross section: 0.2 - 2.5 mm², AWG: 30 - 12, width: 5.2 mm, color: blue

Product Features

- ✓ These twin modular terminal blocks are designed for the basic task of potential branching
- ✓ Universal foot for mounting on NS 35.. or NS 32... DIN rails
- ✓ Two independent conductor connections can be used on the control cabinet side
- ✓ Easy connection of different types of conductors with different cross sections
- ✓ Can be bridged in the terminal center, even with neighboring feed-through terminal blocks aligned



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
GTIN	 4 017918 090258
Weight per Piece (excluding packing)	10.56 g
Custom tariff number	85369010
Country of origin	Greece

Technical data

General

Number of levels	2
Number of connections	3
Nominal cross section	2.5 mm ²
Color	blue
Insulating material	PA
Flammability rating according to UL 94	V0

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Technical data

General

Rated surge voltage	6 kV
Pollution degree	3
Overvoltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Maximum load current	24 A (at a conductor cross section of 2.5 mm ² ; it must not be exceeded by the total current.)
Nominal current I _N	24 A (with a 2.5 mm ² conductor cross section)
Nominal voltage U _N	400 V
Open side panel	ja

Dimensions

Width	5.2 mm
End cover width	2 mm
Length	50.5 mm
Height NS 35/7,5	47 mm
Height NS 35/15	54.5 mm
Height NS 32	52 mm

Connection data

Connection method	Screw connection
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	14
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.	1.5 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 mm ²
Cross section with insertion bridge, solid max.	2.5 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.	0.5 mm ²
2 conductors with same cross section, stranded min.	0.2 mm ²

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Connection data

2 conductors with same cross section, stranded max.	0.5 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.	2.5 mm ²
Cross section with insertion bridge, stranded max.	2.5 mm ²
Stripping length	8 mm
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

Standards and Regulations

Connection in acc. with standard	CSA
	IEC 60947-7-1
Flammability rating according to UL 94	V0

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

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Classifications

UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

Approvals

Approvals

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CSA / UL Recognized / KEMA-KEUR / cUL Recognized / GL / CCA / LR / EAC / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

CSA	
mm ² /AWG/kcmil	28-12
Nominal current I _N	20 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	150 V

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Approvals

KEMA-KEUR	
mm ² /AWG/kcmil	2.5
Nominal current I _N	24 A
Nominal voltage U _N	400 V

cUL Recognized	
mm ² /AWG/kcmil	30-12
Nominal current I _N	20 A
Nominal voltage U _N	150 V

GL

CCA	
mm ² /AWG/kcmil	2.5
Nominal voltage U _N	400 V

LR

EAC

EAC

cULus Recognized	
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Drawings

Circuit diagram



