

Feed-through terminal block - UK 5-TWIN - 1923021

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1-level terminal block with double connection on one side, cross section: 0.2 - 4 mm², AWG: 24 - 12, width: 6.2 mm, color: gray

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

package_quantity	50
GTIN	4017918052423

Technical data

General

Number of levels	2
Number of connections	3
Color	gray
Insulating material	PA
Inflammability class according to UL 94	V2

General

Maximum load current	32 A (with 4 mm ² conductor cross section)
Rated surge voltage	6 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Nominal current I _N	32 A (the maximum load current must not be exceeded by the total current of all connected conductors)
Nominal voltage U _N	500 V (With tightened clamping screws)
Open side panel	ja

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Technical data

General

Shock protection test specification	DIN EN 50274 (VDE 0660-514):2002-11
Back of the hand protection	guaranteed
Finger protection	guaranteed
Surge voltage test setpoint	7.3 kV
Result of surge voltage test	Test passed
Power frequency withstand voltage setpoint	1.89 kV
Result of power-frequency withstand voltage test	Test passed
Checking the mechanical stability of terminal points (5 x conductor connection)	Test passed
Bending test conductor cross section/weight	0.25 mm ² / 0.3 kg
Bending test conductor cross section/weight	4 mm ² / 0.9 kg
Result of bending test	Test passed
Conductor cross section tensile test	0.2 mm ²
Tractive force setpoint	10 N
Conductor cross section tensile test	4 mm ²
Tractive force setpoint	60 N
Tensile test result	Test passed
Tight fit on carrier	NS 35/NS 32
Setpoint	1 N
Result of tight fit test	Test passed
Requirements, voltage drop	≤ 3.2 mV
Result of voltage drop test	Test passed
Temperature-rise test	Test passed
Conductor cross section short circuit testing	4 mm ²
Short-time current	0.48 kA
Short circuit stability result	Test passed
Proof of thermal characteristics (needle flame) effective duration	30 s
Result of thermal test	Test passed
Temperature index, insulating material (DIN EN 60216-1 (VDE 0304-21))	125 °C

Dimensions

Width	6.2 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

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section AWG/kcmil min.	24

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Technical data

Connection data

Conductor cross section AWG/kcmil max	12
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	4 mm ²
Min. AWG conductor cross section, stranded	24
Max. AWG conductor cross section, stranded	12
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	4 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve 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.	1.5 mm ²
2 conductors with same cross section, stranded min.	0.2 mm ²
2 conductors with same cross section, stranded max.	1.5 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.	1.5 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.	1.5 mm ²
Cross section with insertion bridge, solid max.	4 mm ²
Cross section with insertion bridge, stranded max.	4 mm ²
Connection method	Screw connection
Stripping length	8 mm
Internal cylindrical gage	A4
Screw thread	M3
Tightening torque, min	0.6 Nm
Tightening torque max	0.8 Nm

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

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classifications

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
UNSPSC 13.2	39121410

approvals

ATEX / UL Recognized / cUL Recognized / cULus Recognized / CSA / UL Recognized / KEMA-KEUR / cUL Recognized / GOST / LR / GL / PRS / NK / CCA / GOST / cULus Recognized /

Approval details

ATEX	
Nominal voltage UN	275 V
Nominal current IN	32 A
mm ² /AWG/kcmil	0.2-4

UL Recognized	
Nominal voltage UN	150 V
Nominal current IN	30 A
mm ² /AWG/kcmil	30-10

cUL Recognized	
Nominal voltage UN	150 V
Nominal current IN	30 A
mm ² /AWG/kcmil	30-10

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approvals

cULus Recognized	
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CSA	
Nominal voltage UN	300 V
Nominal current IN	30 A
mm ² /AWG/kcmil	22-10

Nominal voltage UN	150 V
Nominal current IN	35 A
mm ² /AWG/kcmil	30-10

KEMA-KEUR	
Nominal voltage UN	500 V
Nominal current IN	
mm ² /AWG/kcmil	4

Nominal voltage UN	150 V
Nominal current IN	35 A
mm ² /AWG/kcmil	30-10

GOST	
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LR

GL

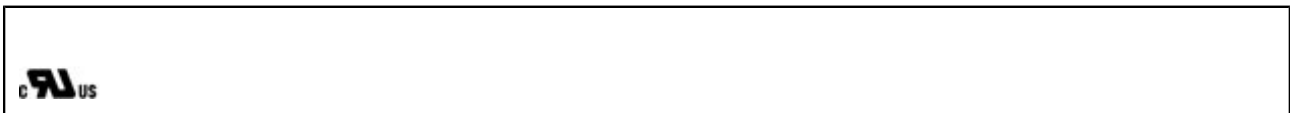
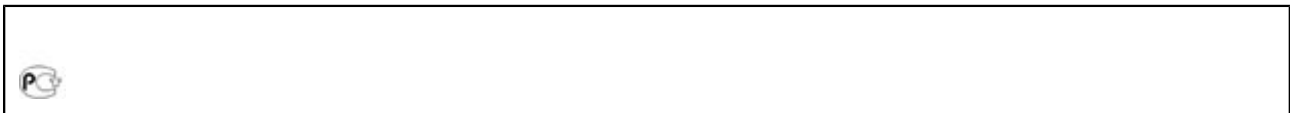
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approvals

PRS

NK

CCA	
Nominal voltage UN	500 V
Nominal current IN	
mm ² /AWG/kcmil	4



accessories

End cover

D-UK 5-TWIN - 1923034



UK 5-TWIN DECKELSEGMENT - 1923089



Warning label printed

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accessories

WS 5- 6 - 1004403



WS 4- 6 - 1004209



WS 3- 6 - 1004115



Bridge

FB-150 METER - 0201595



LB 10-6 BU - 0202280



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accessories

LB 10-6 GY - 0202358



LB 100-6 GY - 0202345



LB 100-6 RD - 0202316



LB 100-6 BU - 0202303



LB 10-6 RD - 0202293



FBI 100- 6 - 0201650



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accessories

FBI 10- 6 - 0203250



FBI 20- 6 - 0201867



EB 3- 6 - 0201142



EB 2- 6 - 0201155



EB 10- 6 - 0201139



Feed-through terminal block - UK 5-TWIN - 1923021

accessories

USBRJ 2-7 - 2305538



USBR 2-7 - 2303239



Short-circuit connector

KSS 3-6 - 0309523



KSS 6 - 0301547



Test plug terminal block

PS-UK 2,5 B/Z-6 - 3001239



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accessories

PS-UK 2,5 B/E - 3001132



RPS - 0201647



Partition plate

TS-K - 1302215



Terminal marking

SBS 6:UNBEDRUCKT - 1007222



ZB 6:UNBEDRUCKT - 1051003



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accessories

UC-TM 6 - 0818085



UCT-TM 6 - 0828736



Insulating sleeve

IS-K 4 - 1302338



ISSBI 10- 6 - 0301505



Mounting rail

NS 32 PERF 2000MM - 1201002



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accessories

NS 32 UNPERF 2000MM - 1201015



NS 35/ 7,5 PERF 2000MM - 0801733



NS 35/ 7,5 UNPERF 2000MM - 0801681



NS 35/ 7,5 WH PERF 2000MM - 1204119



NS 35/ 7,5 WH UNPERF 2000MM - 1204122



NS 35/ 7,5 AL UNPERF 2000MM - 0801704



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accessories

NS 35/ 7,5 ZN PERF 2000MM - 1206421



NS 35/ 7,5 ZN UNPERF 2000MM - 1206434



NS 35/ 7,5 CU UNPERF 2000MM - 0801762



NS 35/ 7,5 CAP - 1206560



NS 35/15 PERF 2000MM - 1201730



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accessories

NS 35/15 UNPERF 2000MM - 1201714



NS 35/15 WH PERF 2000MM - 0806602



NS 35/15 WH UNPERF 2000MM - 1204135



NS 35/15 AL UNPERF 2000MM - 1201756



NS 35/15 ZN PERF 2000MM - 1206599



NS 35/15 ZN UNPERF 2000MM - 1206586



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accessories

NS 35/15 CU UNPERF 2000MM - 1201895



NS 35/15 CAP - 1206573



NS 35/15-2,3 UNPERF 2000MM - 1201798



Labeled terminal marker

ZB 6 CUS - 0824992



UC-TM 6 CUS - 0824589



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accessories

UCT-TM 6 CUS - 0829602



End block

CLIPFIX 35 - 3022218



CLIPFIX 35-5 - 3022276



E/NS 35 N - 0800886



E/UK - 1201442



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accessories

E/UK 1 - 1201413



Test socket

PSBJ 3/13/4 - 0201304



PSB 3/10/4 - 0601292



Drawings

Circuit diagram



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