

Feed-through terminal block - UK 5 N CB - 3048441

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Feed-through terminal block, Connection method: Screw connection, Cross section: 0.2 mm² - 6 mm², AWG: 24 - 10, Width: 6.2 mm, Color: gray, Mounting type: NS 35/7,5, NS 35/15, NS 32

The figure shows a similar product

Why buy this product

- 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



Key Commercial Data

Packing unit	1 STK
Minimum order quantity	50 STK
Custom tariff number	85369010
Country of origin	China

Technical data

Environmental Product Compliance

China RoHS	Hazardous substances above threshold values;
	Environmentally Friendly Use Period = 50;
	For details go to tab "Downloads", Category "Manufacturer's declaration"

General

Number of levels	1
Number of connections	2
Potentials	1
Nominal cross section	4 mm ²
Color	gray

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Technical data

General

Insulating material	PA
Flammability rating according to UL 94	V0
Rated surge voltage	8 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Maximum load current	41 A (with 6 mm ² conductor cross section)
Nominal current I _N	32 A
Nominal voltage U _N	800 V
Open side panel	Yes

Dimensions

Width	6.2 mm
Length	42.5 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.	6 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	10
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	4 mm ²
Min. AWG conductor cross section, flexible	24
Max. AWG conductor cross section, flexible	12
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	4 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.	2.5 mm ²
Cross section with insertion bridge, solid max.	4 mm ²
Cross section with insertion bridge, stranded max.	4 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

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Connection data

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.	2.5 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 in acc. with standard	IEC/EN 60079-7
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	6 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	10
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	4 mm ²
Stripping length	8 mm
Internal cylindrical gage	A4
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 60947-7-1
Flammability rating according to UL 94	V0

Drawings

Circuit diagram



Classifications

eCl@ss

eCl@ss 4.0	27141120
eCl@ss 4.1	27141120

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Classifications

eCl@ss

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
UNSPSC 13.2	39121410

Approvals


Approvals

Approvals

CSA / UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals


Approval details


CSA  http://www.csagroup.org/us/en/services/testing-and-certification/certified-product-listing-13631	
mm ² /AWG/kcmil	28-10
Nominal current I _N	30 A

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Approvals

Nominal voltage UN	600 V
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UL Recognized  http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm FILE E 60425	
mm ² /AWG/kcmil	30-10
Nominal current IN	30 A
Nominal voltage UN	600 V

cUL Recognized  http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm FILE E 60425	
mm ² /AWG/kcmil	30-10
Nominal current IN	30 A
Nominal voltage UN	600 V

EAC EAC-Zulassung

cULus Recognized  http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm
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Accessories

Accessories

Bridge

Fixed bridge - FB-150 METER - 0201595



Cross connection rail, for fixed bridging of identical inputs and outputs, made of Cu, nickel-plated, 1 m long

Cover profile

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Accessories

Cover profile - EA 5 - 1024014



Single covers, color: transparent

Cover profile - EA 5-WS - 1024085



Single covers, for covering one terminal block, with black symbol (lightning flash) snap fit, color: transparent/yellow

DIN rail

DIN rail perforated - NS 32 PERF 2000MM - 1201002



G-profile DIN rail, material: Steel, perforated, height 15 mm, width 32 mm, length 2 m

DIN rail, unperforated - NS 32 UNPERF 2000MM - 1201015



G-profile DIN rail, material: Steel, unperforated, height 15 mm, width 32 mm, length 2 m

DIN rail perforated - NS 35/ 7,5 PERF 2000MM - 0801733



DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 7.5 mm, width 35 mm, length: 2000 mm

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Accessories

DIN rail, unperforated - NS 35/ 7,5 UNPERF 2000MM - 0801681



DIN rail, material: Steel, unperforated, height 7.5 mm, width 35 mm, length: 2 m

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



DIN rail 35 mm (NS 35)

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



DIN rail 35 mm (NS 35)

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



DIN rail, unperforated, Width: 35 mm, Height: 7.5 mm, Length: 2000 mm, Color: silver

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



DIN rail, material: Galvanized, perforated, height 7.5 mm, width 35 mm, length: 2 m

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Accessories

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



DIN rail, material: Galvanized, unperforated, height 7.5 mm, width 35 mm, length: 2 m

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



DIN rail, material: Copper, unperforated, height 7.5 mm, width 35 mm, length: 2 m

End cap - NS 35/ 7,5 CAP - 1206560



DIN rail end piece, for DIN rail NS 35/7.5

DIN rail perforated - NS 35/15 PERF 2000MM - 1201730



DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 15 mm, width 35 mm, length: 2000 mm

DIN rail, unperforated - NS 35/15 UNPERF 2000MM - 1201714



DIN rail, material: Steel, unperforated, height 15 mm, width 35 mm, length: 2 m

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Accessories

DIN rail perforated - NS 35/15 WH PERF 2000MM - 0806602



DIN rail 35 mm (NS 35)

DIN rail - NS 35/15 WH UNPERF 2000MM - 1204135



DIN rail 35 mm (NS 35)

DIN rail, unperforated - NS 35/15 AL UNPERF 2000MM - 1201756



DIN rail, deep drawn, high profile, unperforated, 1.5 mm thick, material: aluminum, height 15 mm, width 35 mm, length 2000 mm

DIN rail perforated - NS 35/15 ZN PERF 2000MM - 1206599



DIN rail, material: Galvanized, perforated, height 15 mm, width 35 mm, length: 2 m

DIN rail, unperforated - NS 35/15 ZN UNPERF 2000MM - 1206586



DIN rail, material: Galvanized, unperforated, height 15 mm, width 35 mm, length: 2 m

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Accessories

DIN rail, unperforated - NS 35/15 CU UNPERF 2000MM - 1201895



DIN rail, material: Copper, unperforated, 1.5 mm thick, height 15 mm, width 35 mm, length: 2 m

End cap - NS 35/15 CAP - 1206573



DIN rail end piece, for DIN rail NS 35/15

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



DIN rail, material: Steel, unperforated, 2.3 mm thick, height 15 mm, width 35 mm, length: 2 m

End block

End clamp - CLIPFIX 35 - 3022218



Quick mounting end clamp for NS 35/7,5 DIN rail or NS 35/15 DIN rail, with marking option, width: 9.5 mm, color: gray

End clamp - CLIPFIX 35-5 - 3022276



Quick mounting end clamp for NS 35/7,5 DIN rail or NS 35/15 DIN rail, with marking option, with parking option for FBS...5, FBS...6, KSS 5, KSS 6, width: 5.15 mm, color: gray

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Accessories

End clamp - E/NS 35 N - 0800886



End clamp, width: 9.5 mm, color: gray

End clamp - E/UK - 1201442



End clamp, Width: 9.5 mm, Height: 35.3 mm, Length: 50.5 mm, Color: gray

End clamp - E/UK 1 - 1201413



End clamps, for supporting the ends of double-level and three-level terminal blocks, width: 10 mm, color: gray

End cover

End cover - D-UK 4/10 - 3003020



End cover, Length: 42.5 mm, Width: 1.8 mm, Height: 35.9 mm, Color: gray

Insertion bridge

Insertion bridge - EB 2- 6 - 0201155



Insertion bridge, Pitch: 6.2 mm, Number of positions: 2, Color: gray

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Accessories

Insertion bridge - EB 3- 6 - 0201142



Insertion bridge, Pitch: 6.2 mm, Number of positions: 3, Color: gray

Insertion bridge - EB 10- 6 - 0201139



Insertion bridge, Pitch: 6.2 mm, Number of positions: 10, Color: gray

Insulating sleeve

Bridge bar isolator - IS-K 4 - 1302338



Bridge bar isolator, Color: gray

Insulating sleeve - MPS-IH WH - 0201663



Insulating sleeve, Color: white

Insulating sleeve - MPS-IH RD - 0201676



Insulating sleeve, Color: red

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Accessories

Insulating sleeve - MPS-IH BU - 0201689



Insulating sleeve, Color: blue

Insulating sleeve - MPS-IH YE - 0201692



Insulating sleeve, Color: yellow

Insulating sleeve - MPS-IH GN - 0201702



Insulating sleeve, Color: green

Insulating sleeve - MPS-IH GY - 0201728



Insulating sleeve, Color: gray

Insulating sleeve - MPS-IH BK - 0201731



Insulating sleeve, Color: black

Labeled terminal marker

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Accessories

Zack marker strip - ZB 6 CUS - 0824992



Zack marker strip, can be ordered: Strip, white, labeled according to customer specifications, Mounting type: Snap into tall marker groove, for terminal block width: 6.2 mm, Lettering field: 6.15 x 10.5 mm

Zack marker strip - ZB 6,LGS:FORTL.ZAHLEN - 1051016



Zack marker strip, Strip, white, labeled, can be labeled with: Plotter, Printed horizontally: Consecutive numbers 1 - 10, 11 - 20, etc. up to 491 - 500, Mounting type: Snap into tall marker groove, for terminal block width: 6.2 mm, Lettering field: 6.15 x 10.5 mm

Zack marker strip - ZB 6,QR:FORTL.ZAHLEN - 1051029



Zack marker strip, Strip, white, labeled, can be labeled with: Plotter, Printed vertically: Consecutive numbers 1 - 10, 11 - 20, etc. up to 491 - 500, Mounting type: Snap into tall marker groove, for terminal block width: 6.2 mm, Lettering field: 6.15 x 10.5 mm

Zack marker strip - ZB 6,LGS:GLEICHE ZAHLEN - 1051032



Zack marker strip, Strip, white, labeled, can be labeled with: Plotter, Printed horizontally: Identical numbers 1 or 2, etc. up to 100, Mounting type: Snap into tall marker groove, for terminal block width: 6.2 mm, Lettering field: 6.15 x 10.5 mm

Marker for terminal blocks - ZB 6,LGS:L1-N,PE - 1051414



Marker for terminal blocks, Strip, white, labeled, can be labeled with: Plotter, Horizontal: L1, L2, L3, N, PE, L1, L2, L3, N, PE, Mounting type: Snap into tall marker groove, for terminal block width: 6.2 mm, Lettering field: 6.15 x 10.5 mm

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Accessories

Marker for terminal blocks - ZB 6,LGS:U-N - 1051430



Marker for terminal blocks, Strip, white, labeled, can be labeled with: Plotter, Printed horizontally: U, V, W, N, GND, U, V, W, N, GND, Mounting type: Snap into tall marker groove, for terminal block width: 6.2 mm, Lettering field: 6.15 x 10.5 mm

Marker for terminal blocks - UC-TM 6 CUS - 0824589



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, Mounting type: Snap into tall marker groove, for terminal block width: 6.2 mm, Lettering field: 5.6 x 10.5 mm

Marker for terminal blocks - UCT-TM 6 CUS - 0829602



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, Mounting type: Snap into tall marker groove, for terminal block width: 6.2 mm, Lettering field: 5.6 x 10.5 mm

Mounting material

Screw - ZSR - 2303608



Screw

Mounting clip - ZSR-EX - 0200017



Distance piece, metal, for branches of FB-150, with screw and thrust washer

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Accessories

Partition plate

Separating plate - TS-K - 1302215



Separating plate, Length: 22 mm, Width: 0.5 mm, Height: 22 mm, Color: gray

Partition plate - ATP-UK - 3003224



Partition plate, Length: 56 mm, Width: 1.5 mm, Height: 45.7 mm, Color: gray

Planning and marking software

Software - CLIP-PROJECT ADVANCED - 5146040



Multilingual software for convenient configuration of Phoenix Contact products on standard DIN rails.

Software - CLIP-PROJECT PROFESSIONAL - 5146053



Multilingual software for terminal strip configuration. A marking module enables the professional marking of markers and labels for identifying terminal blocks, conductors and cables, and devices.

Screw bridge

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Accessories

Step bracket - STL 10N/5N - 0204110



Step bracket, Pitch: 5 mm, Number of positions: 2, Color: silver

Step bracket - STL 35/ 5 - 0204107



Step bracket, Pitch: 5 mm, Number of positions: 2, Color: silver

Jumper - ISSBI 10- 6 - 0301505



Jumper, Pitch: 6 mm, Number of positions: 10, Color: silver

Jumper - LB 10-6 BU - 0202280



Jumper, Pitch: 6 mm, Number of positions: 10, Color: blue

Jumper - LB 10-6 GY - 0202358



Jumper, Pitch: 6 mm, Number of positions: 10, Color: gray

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Accessories

Jumper - LB 100-6 GY - 0202345



Jumper, Pitch: 6 mm, Number of positions: 100, Color: gray

Jumper - LB 100-6 BU - 0202303



Jumper, Number of positions: 100, Color: blue

Chain bridge - KB- 6-EX - 0201485



Chain bridge, Number of positions: 1, Color: silver

Fixed bridge - FB 100- 6 - 0201524



Fixed bridge, Pitch: 6 mm, Number of positions: 100, Color: silver

Fixed bridge - FBI 2- 6 - 0203438



Fixed bridge, Pitch: 6 mm, Number of positions: 2, Color: silver

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Accessories

Fixed bridge - FBI 10- 6 - 0203250



Fixed bridge, Pitch: 6 mm, Number of positions: 10, Color: silver

Fixed bridge - FB 3- 6-EX - 0201469



Fixed bridge, Number of positions: 3, Color: silver

Fixed bridge - FB 2- 6-EX - 0201456



Fixed bridge, Pitch: 6 mm, Number of positions: 2, Color: silver

Fixed bridge - FB 5- 6 - 0201029



Fixed bridge, Pitch: 6 mm, Number of positions: 5, Color: silver

Fixed bridge - FBI 100- 6 - 0201650



Fixed bridge, Pitch: 6 mm, Number of positions: 100, Color: silver

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Accessories

Fixed bridge - FBI 20- 6 - 0201867



Fixed bridge, Pitch: 6 mm, Number of positions: 20, Color: silver

Fixed bridge - FB 10- 6-EX - 0201281



Fixed bridge, Pitch: 6 mm, Number of positions: 10, Color: silver

Fixed bridge - FB 10- 6 - 0201184



Fixed bridge, Pitch: 6.2 mm, Number of positions: 10, Color: silver

Jumper - LB 100-6 RD - 0202316



Jumper, Number of positions: 100, Color: red

Jumper - LB 10-6 RD - 0202293



Jumper, Pitch: 6 mm, Number of positions: 10, Color: red

Short-circuit connector

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Accessories

Short-circuit connector - KSS 6 - 0301547



Short-circuit connector, Pitch: 6 mm, Number of positions: 2, Color: black

Short-circuit connector - KSS 3- 6 - 0309523



Short-circuit connector, Pitch: 6 mm, Number of positions: 3, Color: black

Switching jumper

Switching jumper - USBRJ 2-7 - 2305538



Switching jumper, Number of positions: 2, Color: silver

Switching jumper - USBR 2-7 - 2303239



Switching jumper, Pitch: 7 mm, Number of positions: 2, Color: silver

Terminal marking

Marker card - SBS 6:UNBEDRUCKT - 1007222



Marker card, Card, white, unlabeled, can be labeled with: Plotter, Mounting type: Snap into tall marker groove, Snap into flat marker groove, for terminal block width: 6.2 mm, Lettering field: 6 x 6.1 mm

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Accessories

Zack marker strip - ZB 6:UNBEDRUCKT - 1051003



Zack marker strip, Strip, white, unlabeled, can be labeled with: Plotter, Mounting type: Snap into tall marker groove, for terminal block width: 6.2 mm, Lettering field: 6.15 x 10.5 mm

Marker for terminal blocks - UC-TM 6 - 0818085



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK CLED, BLUEMARK LED, Plotter, Mounting type: Snap into tall marker groove, for terminal block width: 6.2 mm, Lettering field: 5.6 x 10.5 mm

Marker for terminal blocks - UCT-TM 6 - 0828736



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: THERMOMARK CARD, BLUEMARK CLED, BLUEMARK LED, TOPMARK LASER, THERMOMARK PRIME, Mounting type: Snap into tall marker groove, for terminal block width: 6.2 mm, Lettering field: 5.6 x 10.5 mm

Test plug terminal block

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



Test plugs, Color: red

Test plugs - PS-UK 2,5 B/E - 3001132



Test plugs, Color: red

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Accessories

Reducing plug - RPS - 0201647



Reducing plug, Color: gray

Test plugs - MPS-MT - 0201744



Test plugs, Color: silver

Test socket

Female test connector - PSBJ 3/13/4 - 0201304



Female test connector, Color: silver

Female test connector - PSB 3/10/4 - 0601292



Female test connector, Color: silver

Warning label printed

Warning label - WS 3- 6 - 1004115



Warning plate, with 2 plastic screws, across 3 terminal blocks, pitch 6 mm

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Accessories

Warning label - WS 4- 6 - 1004209

Warning plate, with 2 plastic screws, across 4 terminal blocks, pitch 6 mm



Warning label - WS 5- 6 - 1004403

Warning plate, with 2 plastic screws, across 5 terminal blocks, pitch 6 mm

