Feed-through terminal block - UK 10 N BK - 3022328

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Feed-through terminal block, Connection method: Screw connection, Number of positions: 1, Cross section: 0.5 mm² - 16 mm², AWG: 20 - 6, Width: 10.2 mm, Color: black, Mounting type: NS 35/7,5, NS 35/15

Key commercial data

Packing unit	50 pc
GTIN	4 017918 433406
Weight per Piece (excluding packing)	16.78 g
Custom tariff number	85369010
Country of origin	China

Technical data

General

Number of levels	1
Number of connections	2
Color	black
Insulating material	PA
Inflammability class according to UL 94	V0
Maximum load current	76 A (with 16 mm² conductor cross section)
Rated surge voltage	8 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Maximum load current	76 A (with 16 mm² conductor cross section)
Nominal current I_N	57 A
Nominal voltage U_N	800 V
Maximum load current	76 A (with 16 mm² conductor cross section)

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Technical data

General

Open side panel	ja
Number of positions	1

Dimensions

Width	10.2 mm
End cover width	1.8 mm
Length	42.5 mm
Height NS 35/7,5	47.3 mm
Height NS 35/15	54.8 mm
Height NS 32	52.3 mm

Connection data

Connection in acc. with standard	IEC 60947-7-1
Connection method	Screw connection
Conductor cross section solid min.	0.5 mm²
Conductor cross section solid max.	16 mm²
Conductor cross section AWG/kcmil min.	20
Conductor cross section AWG/kcmil max	6
Conductor cross section stranded min.	0.5 mm²
Conductor cross section stranded max.	10 mm²
Min. AWG conductor cross section, stranded	20
Max. AWG conductor cross section, stranded	8
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.5 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	10 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.5 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	6 mm²
Cross section with insertion bridge, solid max.	10 mm²
Cross section with insertion bridge, stranded max.	10 mm²
2 conductors with same cross section, solid min.	0.5 mm²
2 conductors with same cross section, solid max.	4 mm²
2 conductors with same cross section, stranded min.	0.5 mm²
2 conductors with same cross section, stranded max.	4 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	6 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.5 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	2.5 mm²
Cross section with insertion bridge, solid max.	10 mm²
Cross section with insertion bridge, stranded max.	10 mm²

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Technical data

Connection data

Stripping length	10 mm
Internal cylindrical gage	B6
Screw thread	M4
Tightening torque, min	1.5 Nm
Tightening torque max	1.8 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

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 / KEMA-KEUR / cUL Recognized / GL / DNV / RS / EAC / cULus Recognized

Ex Approvals

IECEx / ATEX / UL Recognized / cUL Recognized / EAC Ex / cULus Recognized

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Approvals

Approvals submitted

Approval details

CSA

	B	C
mm²/AWG/kcmil	24-6	24-6
Nominal current IN	65 A	65 A
Nominal voltage UN	600 V	600 V

UL Recognized

mm²/AWG/kcmil	24-6
Nominal current IN	65 A
Nominal voltage UN	600 V

KEMA-KEUR

mm²/AWG/kcmil	10
Nominal current IN	57 A
Nominal voltage UN	800 V

cUL Recognized

mm²/AWG/kcmil	24-6
Nominal current IN	65 A
Nominal voltage UN	600 V

GL

mm²/AWG/kcmil	10
Nominal current IN	57 A

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Approvals

Nominal voltage UN	690 V

DNV

RS

EAC

cULus Recognized

Accessories

Accessories

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

End clamp - E/NS 35 N - 0800886

End clamp, width: 9.5 mm, color: gray

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Accessories

End clamp - E/UK - 1201442

End clamp, for assembly on NS 32 or NS 35/7.5 DIN rail

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

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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

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End cover - D-UK 4/10 BU - 3003101

End cover, Length: 42.5 mm, Width: 1.8 mm, Height: 47 mm, Color: blue

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Insertion bridge

Insertion bridge - EB 2-10 - 0203153

Insertion bridge, Number of positions: 2, Color: gray

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Accessories

Insertion bridge - EB 3-10 - 0203328

Insertion bridge, Number of positions: 3, Color: gray

Insertion bridge - EB 10-10 - 0203137

Insertion bridge, Number of positions: 10, Color: gray

Insulating sleeve

Insulating sleeve - PS-IH WH - 0311566

Insulating sleeve, Color: white

Insulating sleeve - PS-IH RD - 0311579

Insulating sleeve, Color: red

Insulating sleeve - PS-IH BU - 0311582

Insulating sleeve, Color: blue

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Accessories

Insulating sleeve - PS-IH YE - 0311595

Insulating sleeve, Color: yellow

Insulating sleeve - PS-IH GN - 0311605

Insulating sleeve, Color: green

Insulating sleeve - PS-IH GY - 0311621

Insulating sleeve, Color: gray

Insulating sleeve - PS-IH BK - 0311634

Insulating sleeve, Color: black

Insulating sleeve - PS-IH VT - 0311618

Insulating sleeve, Color: violet

Labeled terminal marker

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Accessories

Zack marker strip - ZB 10 CUS - 0824941

Zack marker strip, can be ordered: Strip, white, labeled according to customer specifications, Mounting type: Snap into tall marker groove, for terminal block width: 10.2 mm, Lettering field: 10.15 x 10.5 mm

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Zack marker strip - ZB10,LGS:FORTL.ZAHLEN - 1053014

Zack marker strip, Strip, white, labeled, can be labeled with: Plotter, Printed horizontally: Consecutive numbers 1 - 10, 11 - 20, etc. up to 991 - 1000, Mounting type: Snap into tall marker groove, for terminal block width: 10.2 mm, Lettering field: 10.15 x 10.5 mm

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Zack marker strip - ZB10,QR:FORTL.ZAHLEN - 1053027

Zack marker strip, Strip, white, labeled, can be labeled with: Plotter, Printed vertically: Consecutive numbers 1 - 10, 11 - 20, etc. up to 991 - 1000, Mounting type: Snap into tall marker groove, for terminal block width: 10.2 mm, Lettering field: 10.15 x 10.5 mm

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Zack marker strip - ZB10,LGS:GLEICHE ZAHLEN - 1053030

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: 10.2 mm, Lettering field: 10.15 x 10.5 mm

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Marker for terminal blocks - ZB10,LGS:L1-N,PE - 1053412

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: 10.2 mm, Lettering field: 10.15 x 10.5 mm

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Accessories

Marker for terminal blocks - ZB10,LGS:U-N - 1053438

Marker for terminal blocks, Strip, white, labeled, can be labeled with: Plotter, Horizontal: U, V, W, N, GND, U, V, W, N, GND, Mounting type: Snap into tall marker groove, for terminal block width: 10.2 mm, Lettering field: 10.15 x 10.5 mm

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Marker for terminal blocks - UC-TM 10 CUS - 0824605

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: 10.2 mm, Lettering field: 9.6 x 10.5 mm

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Marker for terminal blocks - UCT-TM 10 CUS - 0829623

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: 10.2 mm, Lettering field: 8.9 x 9.6 mm

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Mounting 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

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

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

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Accessories

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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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

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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

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Accessories

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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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

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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

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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

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Accessories

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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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

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

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

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Accessories

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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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

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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

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Partition plate

Separating plate - TS-K - 1302215

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

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Accessories

Partition plate - ATP-UK - 3003224

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

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Screw bridge

Step bracket - STL 10N/5N - 0204110

Step bracket, Number of positions: 2, Color: silver

Chain bridge - KB- 10 - 0203205

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

Fixed bridge - FBI 2-10 - 0203483

Fixed bridge, Number of positions: 2, Color: silver

Fixed bridge - FBI 10-10 - 0203276

Fixed bridge, Number of positions: 10, Color: silver

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Fixed bridge - FB 10-10-EX - 0203247

Fixed bridge, Number of positions: 10, Color: silver

Fixed bridge - FB 2-10 - 0203195

Fixed bridge, Number of positions: 2, Color: silver

Fixed bridge - FB 4-10 - 0203182

Fixed bridge, Number of positions: 4, Color: silver

Fixed bridge - FB 10-10 - 0203179

Fixed bridge, Number of positions: 10, Color: silver

Fixed bridge - FB 3-10 - 0203140

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

Short-circuit connector

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Accessories

Short-circuit connector - KSS 10 - 0310541

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

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Switching jumper

Switching jumper - SB 2- 8/13 N - 0200062

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

Terminal marking

Marker card - SBS10:UNBEDRUCKT - 1007248

Marker card, Card, white, unlabeled, can be labeled with: Plotter, Perforated, Mounting type: Snap into tall marker groove, Snap into flat marker groove, for terminal block width: 10 mm, Lettering field: 6 x 10.1 mm

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Zack marker strip - ZB 10:UNBEDRUCKT - 1053001

Zack marker strip, Strip, white, unlabeled, can be labeled with: Plotter, Mounting type: Snap into tall marker groove, for terminal block width: 10.2 mm, Lettering field: 10.5 x 10.15 mm

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Marker for terminal blocks - UC-TM 10 - 0818069

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: 10.2 mm, Lettering field: 9.6 x 10.5 mm

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Accessories

Marker for terminal blocks - UCT-TM 10 - 0829142

Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: THERMOMARK CARD, BLUEMARK CLED, BLUEMARK LED, TOPMARK LASER, Mounting type: Snap into tall marker groove, for terminal block width: 10.2 mm, Lettering field: 8.9 x 9.6 mm

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Test plug terminal block

Test plugs - PS-MT - 0311647

Test plugs

Test socket

Female test connector - PSBJ 4/15/6 FARBLOS - 0303419

Female test connector, Color: transparent

Female test connector - PSBJ 4/15/6 WH - 0303312

Female test connector, Color: white

Female test connector - PSBJ 4/15/6 RD - 0303325

Female test connector, Color: red

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Accessories

Female test connector - PSBJ 4/15/6 BU - 0303354

Female test connector, Color: blue

Female test connector - PSBJ 4/15/6 YE - 0303367

Female test connector, Color: yellow

Female test connector - PSBJ 4/15/6 GN - 0303370

Female test connector, Color: green

Female test connector - PSBJ 4/15/6 VT - 0303383

Female test connector, Color: violet

Female test connector - PSBJ 4/15/6 GY - 0303396

Female test connector, Color: gray

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Accessories

Female test connector - PSBJ 4/15/6 BK - 0303406

Female test connector, Color: black

Female test connector - PSB 4/7/6 - 0303299

Female test connector, Color: silver

Warning label printed

Warning label - WS 5-10 - 1004429

Warning label, Plate, yellow, labeled: Lightning flash and warning in English, Mounting type: Screws, rivets, for terminal block width: 10 mm

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Warning label - WS 4-10 - 1004225

Warning label, Plate, yellow, labeled: Lightning flash and warning in English, Mounting type: Screws, rivets, for terminal block width: 10 mm

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