Extract from the online catalog

UK 5 N BU

Order No.: 3004388



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

Product notes

WEEE/RoHS-compliant since: 01/01/2003

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Commercial data	
EAN	4017918090777
Pack	50 pcs.
Customs tariff	85369010
Weight/Piece	0.009243 KG
Catalog page information	Page 343 (CL-2009)

Technical data

General

Number of levels	1
Number of connections	2
Color	blue

Insulating material	PA
Inflammability class acc. to UL 94	V0

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

Technical data

Maximum load current	41 A (with 6 mm^2 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
Nominal current I_N	32 A
Nominal voltage U_N	800 V
Open side panel	ja

Connection data

Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	6 mm²
Conductor cross section stranded min.	0.2 mm²
Conductor cross section stranded max.	4 mm²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	10
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	4 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm²
2 conductors with same cross section, solid min.	0.2 mm²
2 conductors with same cross section, solid max.	1.5 mm²

2 conductors with same cross section, stranded min.	0.2 mm²
2 conductors with same cross section, stranded max.	1.5 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.	2.5 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1.5 mm²
Cross-section with insertion bridge, solid max.	4 mm²
Cross-section with insertion bridge, stranded max.	4 mm²
Type of connection	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

Certificates / Approvals

Certification	CB, CCA, CSA, CUL, DNV, GL, GOST, KEMA, UL
Certification Ex:	FM, GL-EX, IECEx, KEMA-EX, UL-EX

CSA

Nominal voltage U_N	600 V
Nominal current I_N	40 A
AWG/kcmil	28-10

CUL

Nominal voltage U_N	600 V
Nominal current I_N	30 A
AWG/kcmil	30-10

UL

Nominal voltage U_N	600 V
Nominal current I_N	30 A
AWG/kcmil	30-10

Accessories

Item	Designation	Description
Assembly		
3003224	ATP-UK	Partition plate, Length: 56 mm, Width: 1.5 mm, Height: 59 mm, Color: gray
3022218	CLIPFIX 35	Snap-on end bracket, for 35 mm NS 35/7.5 or NS 35/15 DIN rail, can be fitted with Zack strip ZB 8 and ZB 8/27, terminal strip marker KLM 2 and KLM, width: 9.5 mm, color: gray
3003020	D-UK 4/10	End cover, Length: 42.5 mm, Width: 1.8 mm, Height: 35.9 mm, Color: gray
3003101	D-UK 4/10 BU	End cover, Length: 42.5 mm, Width: 1.8 mm, Height: 47 mm, Color: blue
1201442	E/UK	End clamp, for assembly on NS 32 or NS 35/7,5 DIN rail
1024014	EA 5	Single covers, color: transparent
1024085	EA 5-WS	Single covers, for covering one terminal block, with black symbol (lightning flash) snap fit, color: transparent/yellow
0201595	FB-150 METER	Cross connection rail, for fixed bridging of identical inputs and outputs, made of Cu, nickel-plated, 1 m long
1201028	NS 32 AL UNPERF 2000MM	G rail 32 mm (NS 32)
1201280	NS 32 CU/120QMM UNPERF 2000MM	G-profile DIN rail, deep-drawn, material: Copper, unperforated, height 15 mm, width 32 mm, length 2 m
1201358	NS 32 CU/35QMM UNPERF 2000MM	G-profile DIN rail, material: Copper, unperforated, height 15 mm, width 32 mm, length 2 m
1201002	NS 32 PERF 2000MM	G-profile DIN rail, material: Steel, perforated, height 15 mm, width 32 mm, length 2 m
1201015	NS 32 UNPERF 2000MM	G-profile DIN rail, material: Steel, unperforated, height 15 mm, width 32 mm, length 2 m
0801762	NS 35/ 7,5 CU UNPERF 2000MM	DIN rail, material: Copper, unperforated, height 7.5 mm, width 35 mm, length: 2 m
0801733	NS 35/ 7,5 PERF 2000MM	DIN rail, material: Steel, galvanized and passivated with a thick layer, perforated, height 7.5 mm, width 35 mm, length: 2 m
0801681	NS 35/ 7,5 UNPERF 2000MM	DIN rail, material: Steel, unperforated, height 7.5 mm, width 35 mm, length: 2 m
1201756	NS 35/15 AL UNPERF 2000MM	DIN rail, deep-drawn, high profile, unperforated, 1.5 mm thick, material: Aluminum, height 15 mm, width 35 mm, length 2 m

1201895	NS 35/15 CU UNPERF 2000MM	DIN rail, material: Copper, unperforated, 1.5 mm thick, height 15 mm, width 35 mm, length: 2 m
1201730	NS 35/15 PERF 2000MM	DIN rail, material: Steel, perforated, height 15 mm, width 35 mm, length: 2 m
1201714	NS 35/15 UNPERF 2000MM	DIN rail, material: Steel, unperforated, height 15 mm, width 35 mm, length: 2 m
1201798	NS 35/15-2,3 UNPERF 2000MM	DIN rail, material: Steel, unperforated, 2.3 mm thick, height 15 mm, width 35 mm, length: 2 m
0204110	STL 10N/5N	Cross connector/bridge, Color: aluminum
0204107	STL 35/ 5	Cross connector/bridge, Color: white aluminum
1302215	TS-K	Separating plate, Length: 22.7 mm, Height: 30.5 mm, Color: gray
2303608	ZSR	Distance piece, metal, for branches of FB-150, with screw and thrust washer
0200017	ZSR-EX	Distance piece, metal, for branches of FB-150, with screw and thrust washer

Bridges

0201155	EB 2- 6	Cross connector/bridge, Number of positions: 2, Color: gray
0201142	EB 3- 6	Cross connector/bridge, Number of positions: 3, Color: gray
0201139	EB 10- 6	Cross connector/bridge, Number of positions: 10, Color: gray
0201456	FB 2- 6-EX	Cross connector/bridge, Number of positions: 2, Color: aluminum
0201469	FB 3- 6-EX	Cross connector/bridge, Number of positions: 3, Color: aluminum
0201029	FB 5- 6	Cross connector/bridge, Number of positions: 5, Color: aluminum
0201184	FB 10- 6	Cross connector/bridge, Number of positions: 10, Color: aluminum
0201281	FB 10- 6-EX	Cross connector/bridge, Number of positions: 10, Color: aluminum
0201524	FB 100- 6	Cross connector/bridge, Number of positions: 100, Color: aluminum
0203438	FBI 2- 6	Cross connector/bridge, Number of positions: 2, Color: aluminum
0203250	FBI 10- 6	Cross connector/bridge, Number of positions: 10, Color: silver
0201650	FBI 100- 6	Cross connector/bridge, Number of positions: 100, Color: aluminum
0201867	FBI 20- 6	Cross connector/bridge, Number of positions: 20, Color: aluminum
1302338	IS-K 4	Bridge bar isolator, Color: gray
0301505	ISSBI 10- 6	Switching jumper, Number of positions: 10, Color: silver
0201485	KB- 6-EX	Cross connector/bridge, Number of positions: 1, Color: silver
0202280	LB 10-6 BU	Cross connector/bridge, Number of positions: 10, Color: blue
0202358	LB 10-6 GY	Cross connector/bridge, Number of positions: 10, Color: gray
0202293	LB 10-6 RD	Cross connector/bridge, Number of positions: 10, Color: red
0202303	LB 100-6 BU	Cross connector/bridge, Number of positions: 100, Color: blue

0202345	LB 100-6 GY	Cross connector/bridge, Number of positions: 100, Color: gray
0202316	LB 100-6 RD	Cross connector/bridge, Number of positions: 100, Color: red
2303239	USBR 2-7	Cross connector/bridge, Color: silver
2305538	USBRJ 2-7	Cross connector/bridge, Number of positions: 2, Color: silver

Marking

1004115	WS 3- 6	Warning plate, with 2 plastic screws, across 3 terminal blocks, pitch 6 mm
1004209	WS 4- 6	Warning plate, with 2 plastic screws, across 4 terminal blocks, pitch 6 mm
1004403	WS 5- 6	Warning plate, with 2 plastic screws, across 5 terminal blocks, pitch 6 mm
1050499	ZB 6:SO/CMS	Zack strip, 10-section, divisible, special printing, marking according to customer requirements

Plug/Adapter

0309523	KSS 3- 6	Short circuit connector, Number of positions: 3, Color: black
0301547	KSS 6	Short circuit connector, Number of positions: 2, Color: black
0201744	MPS-MT	Metal part
3001132	PS-UK 2,5 B/E	Test plugs, Color: red
3001239	PS-UK 2,5 B/Z-6	Test plugs, Color: red
3001462	PS-UK 3-5/Z-6	Test plug
0601292	PSB 3/10/4	Female test connector, Color: silver
0201304	PSBJ 3/13/4	Female test connector, Color: silver
0201647	RPS	Reducing plug, Color: gray

Diagrams/Drawings

Circuit diagram



Approbationslogos (EX-Bereich)






FM
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GL

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