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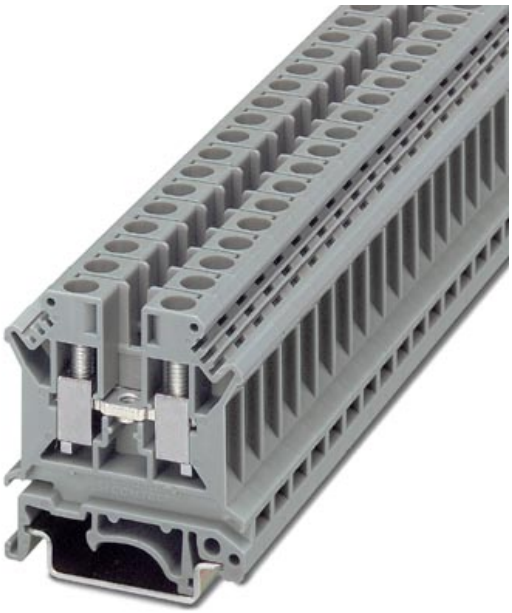
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Extract from the online catalog



Universal terminal block with screw connection, cross section: 0.2 - 6 mm², AWG: 24 - 8, width: 8.2 mm, color: gray

Order No.	3004524
Ord designation	UK 6 N
EAN	4017918090821
Pack	50 Pcs.
Customs tariff	85369010
Catalog page information	Page 212 (CL-2005)

Technical data

General

Number of levels	1
Number of connections	2
Color	gray
Insulating material	PA
Inflammability class acc. to UL 94	V0

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Dimensions

Width	8.2 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

Rated surge voltage	8 kV
Contamination class	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC/ DIN VDE
Nominal current I_N	57 A
Nominal voltage U_N	800 V
Open side panel	ja

Connection data

Conductor cross section, rigid min.	0.2 mm²
Conductor cross section, rigid max.	10 mm²
Conductor cross section flexible min.	0.2 mm²
Conductor cross section, flexible max.	6 mm²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	8
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	6 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	6 mm²
2 conductors with same cross section, solid min.	0.2 mm²
2 conductors with same cross section, solid max.	2.5 mm²
2 conductors with same cross section, flexible, min.	0.2 mm²
2 conductors with same cross section, flexible max.	2.5 mm²
2 conductors with same cross section, flexible, TWIN ferrules with plastic sleeve, min.	0.5 mm²
2 conductors with identical cross section, flexible TWIN ferrules with plastic sleeve, max.	4 mm²
2 conductors with same cross section, flexible, ferrules without plastic sleeve min.	0.25 mm²
2 conductors with same cross section, flexible, ferrules without plastic sleeve, max.	1.5 mm²
Type of connection	Screw connection
Stripping length	10 mm
Internal cylindrical gage	A5
Screw thread	M 4
Tightening torque, min	1.5 Nm

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Certificates

CSA	
Nominal voltage U_N	600 V
Nominal current I_N	50 A
AWG/kcmil	26-8
CUL	
Nominal voltage U_N	600 V
Nominal current I_N	50 A
AWG/kcmil	26-8
UL	
Nominal voltage U_N	600 V
Nominal current I_N	50 A
AWG/kcmil	26-8

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Drawings

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Approval logo



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Accessories

Item	Designation	Description
Assembly		
3003224	ATP-UK	Separating plate, for visual and electrical separation of terminal groups, width: 1.5 mm, color: Gray
3022218	CLIPFIX 35	Snap-on end bracket, for 35 mm NS 35/7.5 or NS 35/15 mounting 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	Cover, width: 1.8 mm, color: gray
1201442	E/UK	End clamp, for supporting the electronic base. If mounted vertically, 2 end clamps are required in each case
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
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, 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
1302215	TS-K	Separating plate, for electrical separation of neighboring bridges, can be fitted later, no loss of pitch, color: Gray

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Bridges

0202154	EB 2- 8	Insertion bridge, 2-pos., fully insulated
0202141	EB 3- 8	Insertion bridge, 3-pos., fully insulated
0202138	EB 10- 8	Insertion bridge, 10-pos., divisible, fully insulated
3029224	FB 2- 8-EX	Fixed bridge, for cross connections, with screws, screw heads without insulation, 2-pos.
0202167	FB 3- 8	Fixed bridge, for cross connections, with screws, screw heads without insulation, 3-pos.
0202183	FB 4- 8	Fixed bridge, for cross connections, with screws, screw heads without insulation, 4-pos.
0202170	FB 10- 8	Fixed bridge, for cross connections, with screws, screw heads without insulation, 10-pos.
3003185	FB 10- 8-EX	Fixed bridge, 10-pos.
0200020	FBI 2- 8	Fixed bridge, for cross connections, with screws, screw heads without insulation, 2-pos.
0200059	FBI 3- 8	Fixed bridge, for cross connections, with screws, screw heads without insulation, 3-pos.
0200046	FBI 4- 8	Fixed bridge, for cross connections, with screws, screw heads without insulation, 4-pos.
0203263	FBI 10- 8	Fixed bridge, 10-pos., screw heads with insulating collar, divisible, with screws
1303337	IS-K 10	Bridge bar isolator, as distance piece
0301534	ISSBI 10- 8	Isolator bridge bar, 10-position, divisible, with screws, for switchable branches
0200062	SB 2- 8/13 N	Switching bridge, 2-pos.

Marking

1007235	SBS 8:UNBEDRUCKT	Marker cards for modular terminal blocks, color: white
1004128	WS 3- 8	Warning plate, with 2 plastic screws, across 3 terminal blocks, pitch 8 mm
1004212	WS 4- 8	Warning plate, with 2 plastic screws, across 4 terminal blocks, pitch 8 mm
1004416	WS 5- 8	Warning plate, with 2 plastic screws, across 5 terminal blocks, pitch 8 mm
1050512	ZB 8:SO/CMS	Zack strip, 10-section, divisible, special printing, marking according to customer requirements

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Plug/Adapter

0311540	KSS 8	Short circuit connector, for short circuiting neighboring terminal blocks, can only be used with PSB or PSBJ, 2-pos., pitch: 8.2 mm, color: Black
0311647	PS-MT	Test plug, consisting of: metal part for 4 mm diameter socket hole and insulating sleeve for PS metal part
0303299	PSB 4/7/6	Test plug socket, not insulated, length: 7 mm, screw thread width: 4 mm, socket width: 6 mm
0303406	PSBJ 4/15/6 BK	Test plug socket, insulated, length: 15 mm, screw thread width: 4 mm, socket width: 6 mm, insulation material in black
0303354	PSBJ 4/15/6 BU	Test plug socket, insulated, length: 15 mm, screw thread width: 4 mm, socket width: 6 mm, insulation material in blue
0303419	PSBJ 4/15/6 FARBLOS	Test plug socket, insulated, length: 15 mm, screw thread width: 4 mm, socket width: 6 mm, insulation material transparent
0303370	PSBJ 4/15/6 GN	Test plug socket, insulated, length: 15 mm, screw thread width: 4 mm, socket width: 6 mm, insulation material in green
0303396	PSBJ 4/15/6 GY	Test plug socket, insulated, length: 15 mm, screw thread width: 4 mm, socket width: 6 mm, insulation material in gray
0303325	PSBJ 4/15/6 RD	Test plug socket, insulated, length: 15 mm, screw thread width: 4 mm, socket width: 6 mm, insulation material in red
0303383	PSBJ 4/15/6 VT	Test plug socket, insulated, length: 15 mm, screw thread width: 4 mm, socket width: 6 mm, insulation material in violet
0303312	PSBJ 4/15/6 WH	Test plug socket, insulated, length: 15 mm, screw thread width: 4 mm, socket width: 6 mm, insulation material in white
0303367	PSBJ 4/15/6 YE	Test plug socket, insulated, length: 15 mm, screw thread width: 4 mm, socket width: 6 mm, insulation material in yellow

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