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► Extract from the online catalog



Universal terminal block with screw connection, cross section: 0,2- 2.5 mm², AWG: 24- 12, width: 5.2 mm, color: Gray

Order No.	3003347
Ord designation	UK 2,5 N
EAN	4017918099299
Pack	50 Pcs.
Customs tariff	85369010
Weight/Piece	0,006477 KG
Catalog page information	Page 211 (CL-2005)

► Product notes

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



IMPORTANT : This date is valid for Customers in Germany only. Date Format is MM/DD/YYYY. Please contact your local in-country Phoenix Contact location or designated business partner for a Logistics Compliant date in your area. In order to guarantee delivery of RoHS-Compliant product, please purchase Phoenix Contact parts from authorized Phoenix Contact representatives and distributors.

UK 2,5 N



► **Technical data**

General

Number of levels	1
Number of connections	2
Color	gray
Insulating material	PA
Inflammability class acc. to UL 94	V2

Dimensions

Width	5.2 mm
Length	42.5 mm
Height NS 35/7,5	42 mm
Height NS 35/15	49.5 mm
Height NS 32	47 mm

Technical data

Maximum load current	24 A (with 2.5 mm ² conductor cross section)
Rated surge voltage	8 kV
Contamination class	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC / EN
Nominal current I _N	24 A
Nominal voltage U _N	800 V
Open side panel	ja

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	14
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 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.	1 mm ²
2 conductors with same cross section, solid min.	0.2 mm ²
2 conductors with same cross section, solid max.	1 mm ²
2 conductors with same cross section, stranded min.	0.25 mm ²
2 conductors with same cross section, stranded max.	1 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

UK 2,5 N



2 conductors with same cross section, stranded, ferrules 1 mm²
without plastic sleeve, max.

Type of connection	Screw connection
Stripping length	7 mm
Internal cylindrical gage	A3
Screw thread	M 3
Tightening torque, min	0.6 Nm

► Certificates / Approvals

Certificate logos

CSA

Nominal voltage U_N	300 V
Nominal current I_N	20 A
AWG/kcmil	28-12

CUL

Nominal voltage U_N	300 V
Nominal current I_N	20 A
AWG/kcmil	30-12

UL

Nominal voltage U_N	300 V
Nominal current I_N	20 A
AWG/kcmil	30-12

► 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
3001022	D-UK 2,5	Cover, width: 1.5 mm, color: gray
1201442	E/UK	End clamp, for supporting the electronic base. If mounted vertically, 2 end clamps are required in each case
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, 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
2770215	TS-KK 3	Separating plate, for electrical separation of neighboring bridges, can be fitted later, no loss of pitch, color: Gray
2303608	ZSR	Distance piece, metal, for branches of FB-150, with screw and thrust washer
Bridges		
2303145	EBL 2- 5	Insertion bridge, 2-pos., fully insulated
2303158	EBL 3- 5	Insertion bridge, 3-pos., fully insulated
2303132	EBL 10- 5	Insertion bridge, 10-pos., divisible, fully insulated
3000227	FBRI 2-5 N	Fixed bridge, for cross connections, with screws, screw heads without insulation, 2-pos.

2770642	FBRI 10-5 N	Fixed bridge, for cross connections in the terminal center, with fixed crimped rolls, screw heads with insulating collar as shock protection, 10-pos., divisible
3000434	FBRI 12-5 N	Fixed bridge, for cross connections in the terminal center, with fixed crimped rolls, screw heads with insulating collar as shock protection, 12-pos.
3000476	FBRI 16-5 N	Fixed bridge, for cross connections in the terminal center, with fixed crimped rolls, screw heads with insulating collar as shock protection, 16-pos.
3000515	FBRI 20-5 N	Fixed bridge, for cross connections in the terminal center, with fixed crimped rolls, screw heads with insulating collar as shock protection, 20-pos.
3006823	FBRI 40-5 N	Fixed bridge, for cross connections in the terminal center, with fixed crimped rolls, screw heads with insulating collar as shock protection, 40-pos.
1413230	SBRN 2-7	Switching bridge, 2-pos.
2303239	USBR 2-7	Switching bridge, 2-pos.
2305538	USBRJ 2-7	Switching bridge, for bridged terminal groups, 2-pos.

Marking

1007219	SBS 5:UNBEDRUCKT	Marker cards for modular terminal blocks, color: white
0805357	WS 3- 5	Warning plate, with 2 plastic screws, across 3 terminal blocks, pitch 5 mm
0805344	WS 4- 5	Warning plate, with 2 plastic screws, across 4 terminal blocks, pitch 5 mm
0805331	WS 5- 5	Warning plate, with 2 plastic screws, across 5 terminal blocks, pitch 5 mm
1050295	ZB 5:SO/CMS	Zack strip, 10-section, divisible, special printing, marking according to customer requirements

Plug/Adapter

2303543	KSS 5	Short circuit connector, for short circuiting neighboring terminal blocks, can only be used with PSB or PSBJ, 2-pos., pitch: 5.2 mm, color: Black
0201744	MPS-MT	Test plug, consisting of: Metal part for 2.3 mm diameter socket hole
0601292	PSB 3/10/4	Test plug socket, not insulated, length: 10 mm, screw thread width: 3 mm, socket width: 4 mm
0201304	PSBJ 3/13/4	Test plug socket, insulated, length: 13 mm, screw thread width: 3 mm, socket width: 4 mm, insulation material transparent
0201647	RPS	Reducing plug, for transition from 4 mm diameter test plug socket, insulation: gray

► Address

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