

## UK 2,5 N

Order number: 3003347



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Feed-through modular terminal block, Type of connection: Screw connection, Cross section: 0.2 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG 24 - 14, Width: 5.2 mm, Color: gray, Mounting type: NS 35/7,5, NS 35/15



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### Commercial data

Net price	Available on request / 100
EAN	4017918099299
Pcs./Pck.	50 Pcs.
Catalog page information	Page 277 (CL-2007)

### 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 <sup>2</sup> 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 <sub>N</sub>	24 A
Nominal voltage U <sub>N</sub>	800 V
Open side panel	ja

### Connection data

Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	4 mm <sup>2</sup>
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
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 <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	1 mm <sup>2</sup>
2 conductors with same cross section, solid min.	0.2 mm <sup>2</sup>
2 conductors with same cross section, solid max.	1 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	0.25 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	1 mm <sup>2</sup>

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1 mm <sup>2</sup>
Cross-section with insertion bridge, solid max.	2.5 mm <sup>2</sup>
Cross-section with insertion bridge, stranded max.	2.5 mm <sup>2</sup>
Type of connection	Screw connection
Stripping length	7 mm
Internal cylindrical gage	A3
Screw thread	M3
Tightening torque, min	0.6 Nm
Tightening torque max	0.8 Nm

### Certificates / Approvals



Certification: BV, CB, CCA, CSA, CUL, DNV, GL, GOST, KEMA, KR, LR, PRS, UL

Certification Ex: CUL-EX, FM, GL-EX, IECEx, KEMA-EX, UL-EX

#### 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
<b>Bridges</b>		
3000227	FBRI 2-5 N	Cross connector/jumper for modular terminal block, Number of positions: 2, Color: silver
2770642	FBRI 10-5 N	Cross connector/jumper for modular terminal block, Number of positions: 10, Color: silver
2303158	EBL 3- 5	Cross connector/jumper for modular terminal block, Number of positions: 3, Color: gray
2303145	EBL 2- 5	Cross connector/jumper for modular terminal block, Number of positions: 2, Color: gray
2303132	EBL 10- 5	Cross connector/jumper for modular terminal block, Number of positions: 10, Color: gray
2303239	USBR 2-7	Cross connector/jumper for modular terminal block, Color: silver
1413230	SBRN 2-7	Cross connector/jumper for modular terminal block, Color: silver

**Marking**

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

**Assembly**

0801681	NS 35/ 7,5 UNPERF 2000MM	DIN rail, material: Steel, 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
0801762	NS 35/ 7,5 CU UNPERF 2000MM	DIN rail, material: Copper, unperforated, height 7.5 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
1201358	NS 32 CU/35QMM UNPERF 2000MM	G-profile DIN rail, material: Copper, unperforated, height 15 mm, width 32 mm, length 2 m
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
1201015	NS 32 UNPERF 2000MM	G-profile DIN rail, material: Steel, 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
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
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

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
1201730	NS 35/15 PERF 2000MM	DIN rail, material: Steel, perforated, height 15 mm, width 35 mm, length: 2 m
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
1201442	E/UK	End clamp, for supporting the electronic base. If mounted vertically, 2 end clamps are required in each case
3001022	D-UK 2,5	End cover for modular terminal blocks, Length: 37.6 mm, Width: 1.5 mm, Height: 30.7 mm, Color: gray
2303608	ZSR	Distance piece, metal, for branches of FB-150, with screw and thrust washer
2770215	TS-KK 3	Separating plate, Color: gray
3003224	ATP-UK	Partition plate, Length: 56 mm, Width: 1.5 mm, Height: 59 mm, Color: gray
0201595	FB-150 METER	Cross connection rail, for fixed bridging of identical inputs and outputs, made of Cu, nickel-plated, 1 m long

#### Plug/Adapter

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
0201744	MPS-MT	Metal part for test connector

#### Drawings

Circuit diagram



Circuit diagram 1

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