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With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## UK 16 N

Order No.: 3006043



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Feed-through modular terminal block, Type of connection: Screw connection, Cross section: 2.5 mm<sup>2</sup> - 25 mm<sup>2</sup>, AWG 12 - 4, Width: 12.2 mm, Color: gray, Mounting type: NS 35/7,5, NS 35/15, NS 32



### Commercial data

EAN	4017918091309
Pack	50 pcs.
Customs tariff	85369010
Weight/Piece	0.023601 KG
Catalog page information	Page 345 (CL-2009)

### Product notes

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



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### Technical data

#### General

Number of levels	1
Number of connections	2
Color	gray

Insulating material	PA
Inflammability class acc. to UL 94	V0

**Dimensions**

Width	12.2 mm
Length	42.5 mm
Height NS 35/7,5	54 mm
Height NS 35/15	61.5 mm
Height NS 32	59 mm

**Technical data**

Maximum load current	101 A (with 25 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>	76 A
Nominal voltage U <sub>N</sub>	800 V
Open side panel	ja

**Connection data**

Conductor cross section solid min.	2.5 mm <sup>2</sup>
Conductor cross section solid max.	25 mm <sup>2</sup>
Conductor cross section stranded min.	4 mm <sup>2</sup>
Conductor cross section stranded max.	16 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	12
Conductor cross section AWG/kcmil max	4
Conductor cross section stranded, with ferrule without plastic sleeve min.	1.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	16 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	1.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	16 mm <sup>2</sup>
2 conductors with same cross section, solid min.	1.5 mm <sup>2</sup>
2 conductors with same cross section, solid max.	6 mm <sup>2</sup>

2 conductors with same cross section, stranded min.	1.5 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	4 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.75 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	10 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	1.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	6 mm <sup>2</sup>
Cross-section with insertion bridge, solid max.	16 mm <sup>2</sup>
Cross-section with insertion bridge, stranded max.	16 mm <sup>2</sup>
Type of connection	Screw connection
Stripping length	11 mm
Internal cylindrical gage	B7
Screw thread	M4
Tightening torque, min	1.5 Nm
Tightening torque max	1.8 Nm

### Certificates / Approvals



Certification ABS, BV, CB, CCA, CSA, CUL, KEMA, KR, LR, NK, PRS, RS, UL

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

#### CSA

Nominal voltage $U_N$	600 V
Nominal current $I_N$	85 A
AWG/kcmil	22-4

#### CUL

Nominal voltage $U_N$	600 V
Nominal current $I_N$	85 A
AWG/kcmil	22-4

**UL**

Nominal voltage $U_N$	600 V
Nominal current $I_N$	85 A
AWG/kcmil	22-4

**Accessories**

Item	Designation	Description
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**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
3006027	D-UK 16	End cover, Length: 42.5 mm, Width: 1.5 mm, Height: 54 mm, Color: gray
1201442	E/UK	End clamp, for assembly on NS 32 or NS 35/7,5 DIN rail
1024250	EA 7	Single covers, color: transparent
0800747	EA 7-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, 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
1302215	TS-K	Separating plate, Length: 22.7 mm, Height: 30.5 mm, Color: gray

**Bridges**

3006137	EB 10-12	Cross connector/bridge, Number of positions: 10, Color: gray
0200075	FBI 2-12	Cross connector/bridge, Number of positions: 2, Color: aluminum
0203454	FBI 10-12	Cross connector/bridge, Number of positions: 10, Color: silver

**Marking**

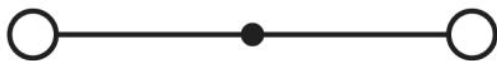
1050525	ZB10:SO/CMS	Zack strip, 10-section, divisible, special printing, marking according to customer requirements
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**Plug/Adapter**

0311647	PS-MT	Test plugs
0303299	PSB 4/7/6	Female test connector, Color: silver
0303406	PSBJ 4/15/6 BK	Female test connector, Color: black
0303354	PSBJ 4/15/6 BU	Female test connector, Color: blue
0303419	PSBJ 4/15/6 FARBLOS	Female test connector, Color: transparent
0303370	PSBJ 4/15/6 GN	Female test connector, Color: green
0303396	PSBJ 4/15/6 GY	Female test connector, Color: gray
0303325	PSBJ 4/15/6 RD	Female test connector, Color: red
0303383	PSBJ 4/15/6 VT	Female test connector, Color: violet
0303312	PSBJ 4/15/6 WH	Female test connector, Color: white
0303367	PSBJ 4/15/6 YE	Female test connector, Color: yellow

**Diagrams/Drawings**

Circuit diagram



Approbationslogos (EX-Bereich)

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