

UK 16 N

Order No.: 3006043



<http://eshop.phoenixcontact.co.uk/phoenix/treeViewClick.do?UID=3006043>

Feed-through modular terminal block, Connection method: Screw connection, Number of positions: 1, Cross section: 2.5 mm² - 25 mm², AWG 14 - 4, Width: 12.2 mm, Color: gray, Mounting type: NS 35/7.5, NS 35/15, NS 32



Commercial data

EAN	4 017918 091309
Pack	50
Customs tariff	85369010
Country of Origin	IN
Catalog page information	Page 409 (CL1-2011)

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 according to UL 94	V0
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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 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	76 A
Nominal voltage U _N	800 V
Open side panel	ja
Number of positions	1

Connection data

Conductor cross section solid min.	2.5 mm ²
Conductor cross section solid max.	25 mm ²
Conductor cross section stranded min.	4 mm ²
Conductor cross section stranded max.	16 mm ²
Conductor cross section AWG/kcmil min.	14
Conductor cross section AWG/kcmil max	4
Conductor cross section stranded, with ferrule without plastic sleeve min.	1.5 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	16 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	1.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	16 mm ²
2 conductors with same cross section, solid min.	1.5 mm ²
2 conductors with same cross section, solid max.	6 mm ²

2 conductors with same cross section, stranded min.	1.5 mm ²
2 conductors with same cross section, stranded max.	4 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.75 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	10 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	1.5 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	6 mm ²
Cross section with insertion bridge, solid max.	16 mm ²
Cross section with insertion bridge, stranded max.	16 mm ²
Connection method	Screw connection
Stripping length	11 mm
Internal cylindrical gage	B 7
Screw thread	M4
Tightening torque, min	1.5 Nm
Tightening torque max	1.8 Nm

Certificates



Certification

ABS, BV, CB, CCA, CSA, CUL, DNV, GL, GOST, KEMA, KR, LR, NK, PRS, RS, UL

Certification Ex:

CUL-EX, FM, GL-EX, IECEx, KEMA-EX, UL-EX

Accessories

Item	Designation	Description
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Assembly

3003224	ATP-UK	Partition plate, Length: 56 mm, Width: 1.5 mm, Height: 45.7 mm, Color: gray
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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: 2000 mm
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 2000 mm
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 galvanized and passivated with a thick layer, perforated, height 15 mm, width 35 mm, length: 2000 mm
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 mm, Height: 22 mm, Color: gray

Bridges

3006137	EB 10-12	Insertion bridge, Number of positions: 10, Color: gray
0200075	FBI 2-12	Fixed bridge, Number of positions: 2, Color: silver
0203454	FBI 10-12	Fixed bridge, Number of positions: 10, Color: silver

Marking

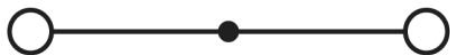
0819194	UC-TM 12	Marker for terminal blocks, Sheet, white, Unlabeled, Can be labeled with: Bluemark, Plotter, Mounting type: Snap into tall marker groove, For terminal block width: 12 mm, Lettering field: 11.45 x 10.5 mm
0824613	UC-TM 12 CUS	Marker for terminal blocks, Sheet, white, Labeled according to customer specifications, Mounting type: Snap into tall marker groove, For terminal block width: 12 mm, Lettering field: 11.45 x 10.5 mm
0829144	UCT-TM 12	Marker for terminal blocks, Sheet, white, Unlabeled, Can be labeled with: Thermomark C, Bluemark, Mounting type: Snap into tall marker groove, For terminal block width: 12 mm, Lettering field: 10.8 x 9.6 mm
0829630	UCT-TM 12 CUS	Marker for terminal blocks, Sheet, white, Labeled according to customer specifications, Mounting type: Snap into tall marker groove, For terminal block width: 12 mm, Lettering field: 10.8 x 9.6 mm
0824942	ZB 12 CUS	Zack marker strip, Strip, white, Labeled according to customer specifications, Mounting type: Snap into tall marker groove, For terminal block width: 12.2 mm, Lettering field: 10.5 x 12.15 mm
0812120	ZB 12:UNPRINTED	Zack marker strip, Strip, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into tall marker groove, For terminal block width: 12.2 mm, Lettering field: 12 x 10.5 mm

Plug/Adapter

2798035	PAD 2,3/10/16 GN	Connector, color: green
2798064	PAD 4/10/16 GN	Connector, color: green
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

Drawings

Circuit diagram



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