

UKH 50 GNYE

Order No.: 3009121

The illustration shows version UKH 50 in gray

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3009121>

Universal terminal block with screw connection, cross section: 25 - 50 mm², AWG: 6 - 1/0, width: 20 mm, color: green-yellow



Commercial data

EAN	4017918091651
Pack	10 Pcs.
Customs tariff	85369010
Weight/Piece	0.12107 KG

Product notes

WEEE/RoHS-compliant since:
09/01/2005



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Technical data

General

Number of levels	1
Number of connections	2
Color	green-yellow

Insulating material	PA
Inflammability class acc. to UL 94	V0

Dimensions

Width	20 mm
Length	70.5 mm
Height NS 35/15	83.5 mm
Height NS 32	81.5 mm

Technical data

Maximum load current	150 A (with 50 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	150 A
Nominal voltage U _N	1000 V
Open side panel	nein

Connection data

Conductor cross section solid min.	16 mm ²
Conductor cross section solid max.	50 mm ²
Conductor cross section stranded min.	25 mm ²
Conductor cross section stranded max.	50 mm ²
Conductor cross section AWG/kcmil min.	6
Conductor cross section AWG/kcmil max	0/1
Conductor cross section stranded, with ferrule without plastic sleeve min.	25 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	50 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	25 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	50 mm ²
2 conductors with same cross section, solid min.	10 mm ²
2 conductors with same cross section, solid max.	16 mm ²

2 conductors with same cross section, stranded min.	10 mm ²
2 conductors with same cross section, stranded max.	16 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	10 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	16 mm ²
Type of connection	Screw connection
Stripping length	24 mm
Internal cylindrical gage	B10
Screw thread	M 6
Tightening torque, min	6 Nm
Tightening torque max	8 Nm

Certificates / Approvals

Approval logo



CSA

Nominal voltage U _N	600 V
Nominal current I _N	125 A
AWG/kcmil	6-1/0

UL

Nominal voltage U _N	600 V
Nominal current I _N	150 A
AWG/kcmil	6-1/0
Certification	CSA, GL, GOST, KEMA, UL

requested approbations

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

Item	Designation	Description
Assembly		
3001763	AGK 10-UKH 50	Pick-off terminal block, fully insulated, enables a voltage connection up to a nominal voltage of 1000 V, color: Gray
1201659	E/AL-NS 32	End bracket, for end support of UKH 50 - UKH 240, is pushed onto DIN rail NS 32 and fixed with 2 screws, width: 10 mm, color: Aluminum
1201662	E/AL-NS 35	End bracket, for end support of UKH 50 to UKH 240, is pushed onto DIN rail NS 35 and fixed with 2 screws, width: 10 mm, color: aluminum
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
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
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
Bridges		
0201346	FBI 2-20	Fixed bridge, for cross connections, with screws, screw heads without insulation, 2-pos.
0201317	FBI 3-20	Fixed bridge, for cross connections, with screws, screw heads without insulation, 3-pos.
Marking		
1050525	ZB10:SO/CMS	Zack strip, 10-section, divisible, special printing, marking according to customer requirements

Plug/Adapter

3009228	UKH 50 EP	Insertion profile, levels out the prism-shaped sleeve base when using flat conductors
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Address

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