

UK 5-RETURN

Order No.: 3002597



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3002597>

Universal terminal block with screw connection, cross section: 0.2 mm²
... 4 mm², AWG: 30 - 10, width: 6.2 mm, color: gray

Commercial data	
EAN	4017918090364
Pack	50 Pcs.
Customs tariff	85369010
Weight/Piece	0.01091 KG
Catalog page information	Page 227 (CL-2005)

Product notes

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



<http://www.download.phoenixcontact.com>
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

Technical data	
General	
Number of levels	2
Number of connections	2
Color	gray
Insulating material	PA

Inflammability class acc. to UL 94	V2
Dimensions	
Length	47.5 mm
Width	6.2 mm
Height NS 35/7,5	58.5 mm
Height NS 35/15	66 mm
Height NS 32	63.5 mm
Technical data	
Rated surge voltage	6 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC / EN
Nominal current I_N	41 A
Nominal voltage U_N	500 V
Connection data	
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	6 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	4 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	10
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	4 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.	2.5 mm ²
2 conductors with same cross section, solid min.	0.2 mm ²
2 conductors with same cross section, solid max.	1.5 mm ²
2 conductors with same cross section, stranded min.	0.2 mm ²

2 conductors with same cross section, stranded max.	1.5 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1.5 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
Cross-section with insertion bridge, solid max.	4 mm ²
Cross-section with insertion bridge, stranded max.	4 mm ²
Type of connection	Screw connection
Stripping length	8 mm
Screw thread	M 3
Tightening torque, min	0.6 Nm
Tightening torque max	0.8 Nm

Certificates / Approvals

Approval logo



CSA

Nominal voltage U_N	300 V
Nominal current I_N	40 A
AWG/kcmil	28-10

UL

Nominal voltage U_N	300 V
Nominal current I_N	30 A
AWG/kcmil	30-10
Certification	CSA, DNV, GOST, LR, PRS, UL

Accessories		
Item	Designation	Description
Assembly		
3002542	ATP-UK 3-RETURN	Partition 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
3002539	D-UK 3-RETURN	Cover, width: 1.5 mm, color: gray
1201413	E/UK 1	End brackets, for supporting the ends of double-level and three-level terminal blocks, width: 10 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
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
3002526	TS-UK 3-RETURN	Separating plate, width: 1.5 mm, color: gray

Bridges

0201155	EB 2- 6	Insertion bridge, 2-pos., fully insulated
0201142	EB 3- 6	Insertion bridge, 3-pos., fully insulated
0201139	EB 10- 6	Insertion bridge, 10-pos., divisible, fully insulated
0203250	FBI 10- 6	Fixed bridge, 10-pos., screw heads with insulating collar, divisible, with screws
0201650	FBI 100- 6	Fixed bridge, 100-pos.
0201867	FBI 20- 6	Fixed bridge, 20-pos.
1302338	IS-K 4	Bridge bar isolator, as distance piece
0301505	ISSBI 10- 6	Isolator bridge bar, 10-position, divisible, with screws, for switchable branches
0202280	LB 10-6 BU	L-bridge, 10-position, screw with blue insulation material
0202358	LB 10-6 GY	L-bridge, 10-position, screw with gray insulation material
0202293	LB 10-6 RD	L-bridge, 10-position, screw with red insulation material
0202303	LB 100-6 BU	L-bridge, 100-position, screw with blue insulation material
0202345	LB 100-6 GY	L-bridge, 100-position, screw with gray insulation material
0202316	LB 100-6 RD	L-bridge, 100-position, screw with red insulation material

Marking

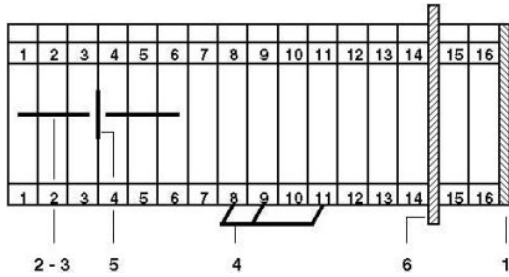
1007222	SBS 6:UNBEDRUCKT	Marker cards for modular terminal blocks, color: white
1050499	ZB 6:SO/CMS	Zack strip, 10-section, divisible, special printing, marking according to customer requirements

Plug/Adapter

0309523	KSS 3- 6	Short circuit connector, for short circuiting neighboring terminal blocks, can only be used with PSB or PSBJ, 3-pos., pitch: 6.2 mm, color: Black
0301547	KSS 6	Short circuit connector, for short circuiting neighboring terminal blocks, can only be used with PSB or PSBJ, 2-pos., pitch: 6.2 mm, color: Black
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

Drawings

Circuit diagram



- 1 = cover
- 2 = fixed bridge, for cross-connections in the terminal center, screw heads with insulating collar
- 3 = fixed bridge, for cross-connections in the terminal center, with crimped-on rollers
- 4 = insertion bridge
- 5 = separating plate
- 6 = partition plate