

# TT-SLKK5/ 48AC


Order No.: 2794961

The illustration shows version TT-SLKK5/ 12 DC




<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2794961>

Modular terminal block with varistor as surge voltage protection between clamping connector and DIN rail, separate ground connection, nominal voltage: 48 V AC, mounting on NS 35/7.5, terminal width: 6.2 mm, terminal height: 69 mm

Commercial data	
GTIN (EAN)	 4 017918 073039
sales group	J303
Pack	50 pcs.
Customs tariff	85363030
Catalog page information	Page 107 (TT-2009)

**Product notes**

WEEE/RoHS-compliant since:  
05/19/2006



<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	
Housing material	PA
Inflammability class acc. to UL 94	V2
Color	black

Total surge current (8/20) $\mu$ s	6.5 kA
Ambient temperature (operation)	-40 °C ... 85 °C
Mounting type	DIN rail: 35 mm
Design	Single-level terminal block – separate PE connection
Number of positions	1
Degree of protection	IP20
Direction of action	Line-Earth Ground
Width	6.20 mm
Height	69.50 mm
Length	66.50 mm

**Protective circuit**

IEC category	C1
	C2
	C3
VDE requirement class	C1
	C2
	C3
Nominal voltage $U_N$	48 V AC
Maximum continuous operating voltage $U_C$	85 V DC
	60 V AC
Maximum continuous voltage $U_C$ (wire-ground)	85 V DC
	60 V AC
Nominal current $I_N$	32 A (50°C)
Operating effective current $I_C$ at $U_C$	$\leq 45 \mu$ A
Ground conductor current $I_{PE}$	$\leq 45 \mu$ A
Nominal discharge surge current $I_n$ (8/20) $\mu$ s (Core-Earth)	2 kA
Total surge current (8/20) $\mu$ s	6.5 kA
Max. discharge surge current $I_{max}$ (8/20) $\mu$ s maximum (Core-Earth)	6.5 kA
Nominal pulse current $I_{an}$ (10/1000) $\mu$ s (Core-Earth)	75 A
Output voltage limitation at 1 kV/ $\mu$ s (Core-Earth) spike	$\leq 150$ V
Output voltage limitation at 1 kV/ $\mu$ s (Core-Earth) static	$\leq 150$ V
Residual voltage at $I_n$ , (conductor-ground)	$\leq 265$ V

Response time tA (Core-Earth)	≤ 25 ns
Cut-off frequency fg (3 dB), asym. (PE) in 150 Ohm system	Typ. 700 kHz

**Connection data**

Connection method	Screw connection
Connection type IN	Screw terminal blocks
Connection type OUT	Screw terminal blocks
Screw thread	M3
Tightening torque	0.5 Nm
Stripping length	8 mm
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	4 mm <sup>2</sup>
Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	4 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12

**Connection, protective circuit**

Standards/regulations	IEC 61643-21
-----------------------	--------------

**Certificates / Approvals**



Certification

CSA, CUL, GOST, UL

**Accessories**

Item	Designation	Description
<b>Assembly</b>		
2770228	D-UKK 3/5 BK	End cover, Length: 56 mm, Width: 2.5 mm, Height: 66.5 mm, Color: black
2770833	DP-UKK 3/5 BK	Spacer plate, Length: 56 mm, Width: 2.5 mm, Height: 66.5 mm, Color: black

**Marking**

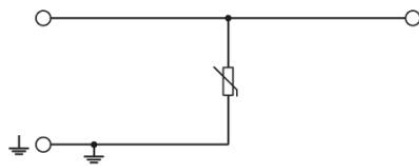
1051993	B-STIFT	Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm
1051016	ZB 6,LGS:FORTL.ZAHLEN	Zack marker strip, 10-section, printed horizontally: with the numbers 1 - 10, 11 - 20 and so on up to 491 - 500, color: white
1051414	ZB 6,LGS:L1-N,PE	Zack strip, printed horizontally, strips with 10 labels, L1, L2, L3, N, PE, L1, L2, L3, N, PE, color: white
1051430	ZB 6,LGS:U-N	Zack strip, printed horizontally: 10-section, U, V, W, N, GND, U, V, W, N, GND, color: white
1050499	ZB 6:SO/CMS	Zack strip, 10-section, divisible, special printing, marking according to customer requirements
1051003	ZB 6:UNBEDRUCKT	Zack strip, unprinted, strips with 10 labels for individual labeling with M-PEN or CMS system, for terminal block width: 6.2 mm, color: white
0808749	ZBF 6,LGS:FORTL.ZAHLEN	Zack marker strip, flat, printed horizontally: 10-section, with the numbers 1 - 10, 11 - 20, and so on up to 91 - 100, color: white
0808736	ZBF 6/WH-100:UNBEDRUCKT	Zack strip, flat, unprinted: 10-section, for individual labeling with M-PEN or ZBF-T, large batch, sufficient for labeling 1000 terminal blocks, color: white
0808710	ZBF 6:UNBEDRUCKT	Zack strip, flat, unprinted: 10-section, for individual labeling with M-PEN or ZBF-T, sufficient for 100 terminal blocks, color: white

**Additional products**

Item	Designation	Description
<b>Assembly</b>		
2770228	D-UKK 3/5 BK	End cover, Length: 56 mm, Width: 2.5 mm, Height: 66.5 mm, Color: black
2770833	DP-UKK 3/5 BK	Spacer plate, Length: 56 mm, Width: 2.5 mm, Height: 66.5 mm, Color: black
2839295	SSA 3-6	shield fast connections for conductor diameter 3 - 6 mm. Potential connection cable: 200 mm, black
2839512	SSA 5-10	Shield fast connection for conductor diameters 5 - 10 mm. Potential connection cable: 200 mm, black

**Diagrams/Drawings**

Circuit diagram



**Address**

PHOENIX CONTACT Inc., USA  
586 Fulling Mill Road  
Middletown, PA 17057, USA  
Phone (800) 888-7388  
Fax (717) 944-1625  
<http://www.phoenixcon.com>



© 2011 Phoenix Contact  
Technical modifications reserved;