

TT-SLKK5/ 24DC

Order No.: 2794903

The illustration shows version TT-SLKK5/ 12 DC



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Modular terminal block with varistor as surge voltage protection between clamping connector and DIN rail, separate ground connection, nominal voltage: 24 V DC, mounting on NS 35/7.5, terminal width: 6.2 mm, terminal height: 69 mm

Commercial data

EAN	 4 017918 072971
sales group	J303
Pack	50 Pcs.
Customs tariff	85363030
Gross weight in pieces	0.02185 KG
Net weight per piece	0.02131 KG
Catalog page information	Page 99 (C-6-2013)

Product notes

WEEE/RoHS-compliant since:
05/31/2006



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Technical data

Dimensions

Height	69.5 mm
Width	6.2 mm
Length	66.5 mm

Ambient conditions

Ambient temperature (operation)	-40 °C ... 85 °C
Degree of protection	IP20

General

Housing material	PA
Inflammability class according to UL 94	V2
Color	black
Mounting type	DIN rail: 35 mm
Type	Single-level terminal block – separate PE connection
Direction of action	Line-Earth Ground

Protective circuit

IEC test classification	C1
	C2
	C3
VDE requirement class	C1
	C2
	C3
Nominal voltage U_N	24 V DC
Maximum continuous operating voltage U_C	31 V DC
	25 V AC
Maximum continuous voltage U_C (wire-ground)	31 V DC
	25 V AC
Nominal current I_N	32 A (50 °C)
Operating effective current I_C at U_C	$\leq 30 \mu A$
Residual current I_{PE}	$\leq 30 \mu A$
Nominal discharge current I_n (8/20) μs (Core-Earth)	700 A
Total surge current (8/20) μs	2 kA
Max. discharge current I_{max} (8/20) μs maximum (Core-Earth)	2 kA
Nominal pulse current I_{an} (10/1000) μs (Core-Earth)	70 A
Output voltage limitation at 1 kV/ μs (Core-Earth) spike	$\leq 90 V$
Output voltage limitation at 1 kV/ μs (Core-Earth) static	$\leq 80 V$

Residual voltage at I_n , (conductor-ground)	≤ 125 V
Response time t_A (Core-Earth)	≤ 25 ns
Cut-off frequency f_g (3 dB), asym. (PE) in 150 Ohm system	typ. 300 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 ²
Conductor cross section stranded max.	4 mm ²
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12

Standards and Regulations

Standards/regulations	IEC 61643-21
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Certificates / Approvals



Certification

CSA, cULus Recognized

Certifications applied for:

Certification Ex:

Accessories

Item	Designation	Description
Assembly		
2770228	D-UKK 3/5 BK	End cover, Length: 56 mm, Width: 2.5 mm, Height: 66.5 mm, Color: black

Covers

2770833	DP-UKK 3/5 BK	Spacer plate, to compensate for level offsets, Length: 56 mm, Width: 2.5 mm, Height: 25 mm, Color: black
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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, Strip, white, labeled, can be labeled with: Plotter, Printed horizontally: Consecutive numbers 1 - 10, 11 - 20, etc. up to 491 - 500, Mounting type: Snap into tall marker groove, for terminal block width: 6.2 mm, Lettering field: 6.15 x 10.5 mm
1051414	ZB 6,LGS:L1-N,PE	Marker for terminal blocks, Strip, white, labeled, can be labeled with: Plotter, Horizontal: L1, L2, L3, N, PE, L1, L2, L3, N, PE, Mounting type: Snap into tall marker groove, for terminal block width: 6.2 mm, Lettering field: 6.15 x 10.5 mm
1051430	ZB 6,LGS:U-N	Marker for terminal blocks, Strip, white, labeled, can be labeled with: Plotter, Printed horizontally: U, V, W, N, GND, U, V, W, N, GND, Mounting type: Snap into tall marker groove, for terminal block width: 6.2 mm, Lettering field: 6.15 x 10.5 mm
1051003	ZB 6:UNBEDRUCKT	Zack marker strip, Strip, white, unlabeled, can be labeled with: Plotter, Mounting type: Snap into tall marker groove, for terminal block width: 6.2 mm, Lettering field: 6.15 x 10.5 mm
0808749	ZBF 6,LGS:FORTL.ZAHLEN	Zack Marker strip, flat, Strip, white, labeled, Printed horizontally: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 100, Mounting type: Snap into flat marker groove, for terminal block width: 6.2 mm, Lettering field: 5.15 x 6.15 mm
0808736	ZBF 6/WH-100:UNBEDRUCKT	Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: Plotter, Mounting type: Snap into flat marker groove, for terminal block width: 6.2 mm, Lettering field: 5.15 x 6.15 mm
0808710	ZBF 6:UNBEDRUCKT	Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: Plotter, Mounting type: Snap into flat marker groove, for terminal block width: 6.2 mm, Lettering field: 5.15 x 6.15 mm

Additional products

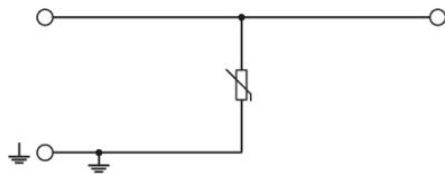
Item	Designation	Description
Assembly		
2770228	D-UKK 3/5 BK	End cover, Length: 56 mm, Width: 2.5 mm, Height: 66.5 mm, Color: black
2839295	SSA 3-6	shield fast connections for conductor diameter 3 - 6 mm. Potential connection cable: 200 mm, black
2839512	SSA 5-10	Shield fast connection for conductor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

Covers

2770833	DP-UKK 3/5 BK	Spacer plate, to compensate for level offsets, Length: 56 mm, Width: 2.5 mm, Height: 25 mm, Color: black
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Drawings

Circuit diagram



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