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The illustration shows version TT-

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



SLKK5-S- 5 DC

Key Commercial Data

Packing unit	1 pc
GTIN	4 017918 101329
Weight per Piece (excluding packing)	19.72 g
Custom tariff number	85363030
Country of origin	Germany

Technical data

Environmental Product Compliance

Dimensions

Height	66.5 mm
Width	6.2 mm
Depth	69.5 mm

Ambient conditions

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

General

Housing material	PA
Flammability rating according to UL 94	V2
Color	black



Technical data

General

Standards for cearances and creepage distances	VDE 0110-1
	IEC 60664-1
Mounting type	DIN rail: 35 mm
Туре	Single-level terminal block – separate PE connection
Direction of action	Line-Earth Ground

Protective circuit

IEC test classification	C3
VDE requirement class	C3
Nominal voltage U _N	24 V AC
Maximum continuous voltage U _C	40 V DC
	28 V AC
Maximum continuous voltage U _C (wire-ground)	40 V DC
	28 V AC
Nominal current I _N	32 A (50 °C)
Operating effective current I _C at U _C	≤ 5 µA
Residual current I _{PE}	≤ 5 µA
Nominal discharge current I _n (8/20) µs (Core-Earth)	119 A
Total surge current (8/20) µs	119 A
Max. discharge current I _{max} (8/20) μs maximum (Core-Earth)	119 A
Nominal pulse current lan (10/1000) µs (Core-Earth)	23.2 A
Output voltage limitation at 1 kV/µs (Core-Earth) spike	≤ 62 V
Output voltage limitation at 1 kV/µs (Core-Earth) static	≤ 58 V
Residual voltage at In (conductor-ground)	≤ 84 V
Response time tA (Core-Earth)	≤ 1 ns
Cut-off frequency fg (3 dB), asym. (PE) in 150 Ohm system	typ. 1.6 MHz
Capacity (Core-Earth)	1.03 nF
Surge protection fault message	None
Impulse durability (conductor-ground)	C3 - 10 A

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 flexible min.	0.2 mm²



Technical data

Connection data

Conductor cross section flexible max.	4 mm²
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	12

Standards and Regulations

Standards/regulations	IEC 61643-21

Classifications

eCl@ss

eCl@ss 4.0	27140201
eCl@ss 4.1	27130801
eCl@ss 5.0	27130801
eCl@ss 5.1	27130801
eCl@ss 6.0	27130807
eCl@ss 7.0	27130807
eCl@ss 8.0	27130807
eCl@ss 9.0	27130807

ETIM

ETIM 2.0	EC000943
ETIM 3.0	EC000943
ETIM 4.0	EC000943
ETIM 5.0	EC000943

UNSPSC

UNSPSC 6.01	30212010
UNSPSC 7.0901	39121610
UNSPSC 11	39121610
UNSPSC 12.01	39121610
UNSPSC 13.2	39121620

Approvals

Approvals



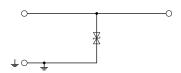
Approvals

Approvals	
UL Recognized / cUL Recognized / EAC / cULus Recognized	
Ex Approvals	
Approvals submitted	
Approval details	
UL Recognized SN	
mm²/AWG/kcmil	26-10
Nominal current IN	30 A
Nominal voltage UN	24 V
cUL Recognized	
COL INCCOGNIZED V	
mm²/AWG/kcmil	26-12
Nominal current IN	30 A
Nominal voltage UN	24 V
EAC	
cULus Recognized c S us	

Drawings



Circuit diagram



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