

## ► General data

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Printed circuit terminal block, nominal current: 32 A, rated voltage: 500 V, pitch: 6.35 mm, no. of positions: 2, mounting: Soldering, type of connection: Screw connection, connection direction from the conductor to the PCB: 0°

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Order number	1714955
Type	MKDS 5/ 2-6,35

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Barcode number	4017918024093
Unit pack	50 Piece
Customs tariff	85369010000

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## ► Technical data

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### Dimensions / positions

Pitch	6.35 mm
Number of positions	2
Pin dimensions	0,9 x 0,9 mm
Hole diameter	1.3 mm
Screw thread	M 3
Tightening torque	0.5 Nm

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### Technical data

Insulating material group	I
Rated surge voltage (III/3)	6 kV
Rated surge voltage (III/2)	6 kV
Rated surge voltage (II/2)	6 kV
Rated voltage (III/2)	630 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	32 A
Nominal voltage $U_N$	500 V
Nominal cross section	4 mm <sup>2</sup>
Maximum load current	32 A
Insulating material	PA
Inflammability class acc. to UL 94	V0
Internal cylindrical gage	A 4
Stripping length	8 mm

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### Connection data

Min. conductor cross section, rigid	0.2 mm <sup>2</sup>
Conductor cross section, rigid max.	6 mm <sup>2</sup>
Conductor cross section flexible min.	0.2 mm <sup>2</sup>
Max. conductor cross section, flexible	4 mm <sup>2</sup>
Min. conductor cross section, flexible, with ferrule with plastic sleeve	0.25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	4 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Max. conductor cross section, flexible, with ferrule with plastic sleeve	4 mm <sup>2</sup>
Min. conductor cross section AWG/kcmil	24
Conductor cross section AWG/kcmil max	10
2 conductors with same cross section, solid min.	0.2 mm <sup>2</sup>
2 conductors with same cross section, solid max.	1.5 mm <sup>2</sup>
2 conductors of the same cross section, flexible, min.	0.2 mm <sup>2</sup>
2 conductors with same cross section, flexible max.	1.5 mm <sup>2</sup>
2 conductors of the same cross section, flexible, with AEH without plastic sleeve, min.	0.25 mm <sup>2</sup>
2 conductors with identical cross section, flexible with AEH with plastic sleeve max.	0.75 mm <sup>2</sup>
2 conductors of the same cross section, flexible, with TWIN-AEH with plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with identical cross section, flexible with TWIN-AEH with plastic sleeve max.	2.5 mm <sup>2</sup>

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## ► Certificates

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### UL

Comments	Use Group D
Nominal voltage $U_N$	300 V
Nominal current $I_N$	10 A
AWG/kcmil	30-10
Comments	Use Group B
Nominal voltage $U_N$	300 V
Nominal current $I_N$	30 A
AWG/kcmil	30-10

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### CSA

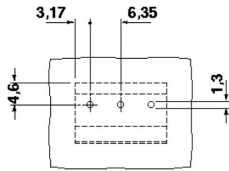
Nominal voltage $U_N$	300 V
Nominal current $I_N$	10 A
AWG/kcmil	28-10

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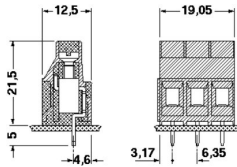
## ▶ Drawings

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### Drilling diagram



### Dimensioned drawing



### Approval logo



## ► Accessories

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Item	Designation	Description
<b>Marking</b>		
0804374	SK 6,2/3,8:FORTL.ZAHLEN	Marker card, printed horizontally, self-adhesive, 12 identical decades marked 1-10, 11-20 etc. up to 91-(99)100, sufficient for 120 terminal blocks
<b>Tools</b>		
1205053	SZS 0,6X3,5	Screwdriver, bladed, matches all screw terminal blocks up to 4.0 mm <sup>2</sup> connection cross section, blade: 0.6 x 3.5 mm, without VDE approval

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## ► Address

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