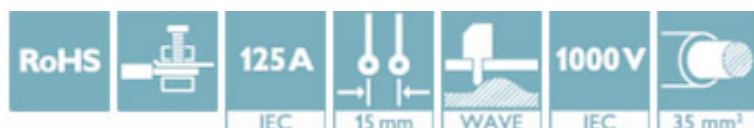


PCB terminal block - MKDSP 25/ 5-15,00 BK - 1709732

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PCB terminal block, nominal current: 125 A, pitch: 15 mm, number of positions: 5, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: black



Key Commercial Data

Packing unit	50 pc
GTIN	 4 055626 091280
GTIN	4055626091280

Technical data

Dimensions

Length [L]	31 mm
Pitch	15 mm
Dimension a	60 mm
Height	39 mm
Solder pin [P]	4.5 mm
Hole diameter	1.6 mm

General

Range of articles	MKDSP 25
Insulating material group	I
Rated surge voltage (III/3)	8 kV
Rated surge voltage (III/2)	8 kV
Rated surge voltage (II/2)	8 kV
Rated voltage (III/3)	1000 V
Rated voltage (III/2)	1000 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	125 A
Nominal cross section	35 mm²
Maximum load current	125 A
Insulating material	PA
Flammability rating according to UL 94	V0

PCB terminal block - MKDSP 25/ 5-15,00 BK - 1709732

Technical data

General

Internal cylindrical gage	B7
Stripping length	18 mm
Number of positions	5
Screw thread	M5
Tightening torque, min	2.5 Nm
Tightening torque max	4.5 Nm
Note	Tightening torque $\leq 25 \text{ mm}^2$ is 2.5 Nm, $> 25 \text{ mm}^2$ is 4.5 Nm

Connection data

Conductor cross section solid min.	0.5 mm ²
Conductor cross section solid max.	35 mm ²
Conductor cross section flexible min.	0.5 mm ²
Conductor cross section flexible max.	35 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve min.	1 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	35 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	1.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	35 mm ²
Conductor cross section AWG min.	20
Conductor cross section AWG max.	2
2 conductors with same cross section, solid min.	0.5 mm ²
2 conductors with same cross section, solid max.	6 mm ²
2 conductors with same cross section, stranded min.	0.5 mm ²
2 conductors with same cross section, stranded max.	6 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	4 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.	16 mm ²

Standards and Regulations

Connection in acc. with standard	EN-VDE
Flammability rating according to UL 94	V0

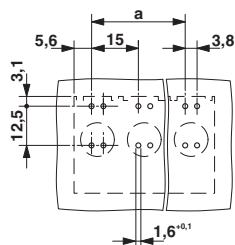
Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

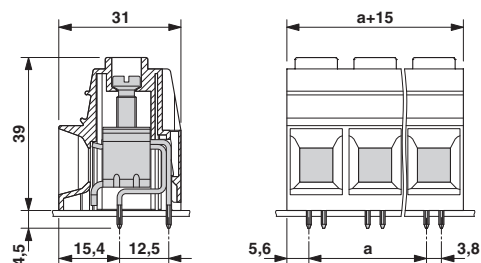
Drawings

PCB terminal block - MKDSP 25/ 5-15,00 BK - 1709732

Drilling diagram



Dimensional drawing



Approvals

Approvals

Approvals

IECEE CB Scheme / SEV / VDE Zeichengenehmigung / EAC / cULus Recognized

Ex Approvals

Approval details

IECEE CB Scheme		http://www.iecee.org/	CH-8225
Nominal voltage UN	1000 V		
Nominal current IN	125 A		
mm²/AWG/kcmil	35		

SEV		https://www.electrosuisse.ch/de/meta/shop/produktezertifikate.html	IK-3542-M1
Nominal voltage UN	1000 V		
Nominal current IN	125 A		
mm²/AWG/kcmil	35		

VDE Zeichengenehmigung		http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx	40041859
Nominal voltage UN	1000 V		

PCB terminal block - MKDSP 25/ 5-15,00 BK - 1709732

Approvals

Nominal current I _N	125 A
mm ² /AWG/kcmil	0.5-35

EAC		B.01742
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-19770427
	B	C	
Nominal voltage U _N	600 V	600 V	
Nominal current I _N	115 A	115 A	
mm ² /AWG/kcmil	20-2	20-2	

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