

Multi-position printed circuit termination blocks for through hole reflow applications

With the modern SMT solder technology, proven housing profiles from the printed circuit terminal block range from Phoenix Contact are today also used in the reflow process without any further geometric adaptions. The high-temperature resistant printed circuit terminal blocks have solder pins from the standard range and, compared to surface connections with SMD components, achieve high mechanical stability in combination with through-contacted holes. To cope with the variety of applications, five different types for the pitches 3.5 or 3.81 mm and 5 or 5.08 mm for connection cross sections up to 4 mm² are available.

For automatic mounting, customer-specific tapes with free areas for grippers, for example, or packaging in tube magazines are possible.

High-temperature resistant printed circuit terminal blocks are available as 2 to 3-position versions. Higher numbers of positions can be supplied on request.



COMBICON Select The COMBICON search engine with CAD downloading



COMBICON Select – the printed circuit board connection software supports your workflow from the PCB and housing layout to the ordering process with: –Systematic and fast selection of products

-Universal Internet aided engineering with extensive

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-Easy-to-use e-shopping functions.

http://select.phoenixcontact.com

MKDS 1/... HT BK 3.5 or 3.81 mm Pitch

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	Number of positions	Dim. a [mm]	Туре	Order No.	Pcs./Pkt.
Printed circuit screw termination blocks,					
3,5 mm pitch, color: black	2	3.5	MKDS 1/2-3,5 HT BK	19 85 80 7	50
	3	7	MKDS 1/3-3,5 HT BK	19 84 95 0	
Printed circuit screw termination blocks,					
3.81 mm pitch, color: black	2	3.81	MKDS 1/2-3,81 HT BK	19 85 82 3	50
	3	7.62	MKDS 1/3-3,81 HT BK	19 85 83 6	
(1) Screwdriver,					
blade: 0.4 x 2.5 x 75 mm, length: 160 mm			SZS-0,4 x 2,5	12 05 03 7	10
(2) Marker card, with 14 pcs.,					
10-section marker strips, white, self-adhesive, for 140 terminal blocks			SK 3,5/2,8 or SK 3,81/2,8 (see COMBICON catalog)		
Technical data					
Dimensions			see descr	iption	
Pitch		[mm]	3.5 / 3.	1	
Hole diameter		[mm]	1.1		
Pin dimensions	ſm	m]x[mm]	0.5 x 0	.9	
Technical data in accordance with IEC/ DIN VD				-	
Insulating material group		_	1		
Surge voltage category / contamination class		_/_	III/3 III/2	ll / 2	
Rated voltage		[V]	63 200	200	
Rated surge voltage		[kV]	2.5 2.5	2.5	
Nominal current / cross section		[A]/[mm ²]	10 / 1		
Maximum load current / cross section		[A]/[mm²]	12 / 1	5	
Connection capacity			-		
Solid / stranded / conductor sizes	[mm²]/[mi	m²]/AWG	0.14 - 1.5 / 0.14	- 1 / 26 - 16	
Stranded with ferrule without / with plastic sleeve		[mm ²]	0.25 / 0.25	5 - 0.5	
Multiple connection (2 conductors with same c	ross sectio	on)			
Solid / stranded		[mm ²]	0.14 - 0.5 / 0	.14 - 0.2	
Stranded with ferrules without plastic sleeve		[mm ²]	-		
Stranded with TWIN ferrule with plastic sleeve		[mm ²]			
Stripping length		[mm]	5		
Internal cylindrical gauge (IEC 60 947-1)		-	-		
Thread		-	M 2		
Torque			0.22 - 0	.25	
Insulating material			PA		
Inflammability class in acc. with UL 94			V0		





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MKDSN 1,5/...HT BK 5.0 or 5.08 mm Pitch



Description	Number of positions	Dim. a [mm]	Туре		Order No.	Pcs./Pkt.
Printed circuit screw termination blocks, 5.0 mm pitch, color: black	2 3	5 10	MKDSN 1,5/2 HT BK MKDSN 1,5/3 HT BK		19 85 84 9 19 85 85 2	50
Printed circuit screw termination blocks, 5.08 mm pitch, color: black	2 3	5.08 10.16	MKDSN 1,5/2-5,08 HT BK MKDSN 1,5/3-5,08 HT BK		19 85 86 5 19 85 87 8	50
(1) Screwdriver, blade: 0.6 x 3.5 x 100 mm, length: 180 mm		< C	SZS 0,6 x 3,5		12 05 05 3	10
(2) Marker card, with 12 pcs., 10-section marker strips, white, self-adhesive, for 120 terminal blocks			SK 5/3,8 or SK 5,08/3,8 (see COMBICON catalog)			
Technical data						
Dimensions Pitch Hole diameter		[mm] [mm]	See	e descriptio 5 / 5.08 1.3	n	
Pin dimensions Technical data in accordance with IEC/ DIN VD		m]x[mm]		0.5 x 1		
Insulating material group	-	-		I		
Surge voltage category / contamination class		_/_	III / 3	III / 2	II / 2	
Rated voltage		[V]	200	320	320	
Rated surge voltage		[kV]	4	4	4	
Nominal current / cross section Maximum load current / cross section		[A]/[mm ²] [A]/[mm ²]		13.5 / 1.5 13.5 / 1.5		
Connection capacity		[A]/[IIIII-]		13.371.3		
Solid / stranded / conductor sizes	[mm²]/[m	m²1/AWG	0.14 - 1.5	0.14 - 1.5	/ 26 - 16	
Stranded with ferrule without / with plastic sleeve	[].[[mm ²]		1.0 / 0.25 -		
Multiple connection (2 conductors with same	cross sectio	on)			-	
Solid / stranded		[mm ²]	0.14 - 0	.75 / 0.14 -	0.75	
Stranded with ferrules without plastic sleeve		[mm ²]	(0.25 - 0.5		
Stranded with TWIN ferrule with plastic sleeve		[mm ²]		0.5 - 1		
Stripping length		[mm]		6		
Internal cylindrical gauge (IEC 60 947-1)				A 1		
Thread				M 3 0.5 - 0.6		
Torque Insulating material				0.5 - 0.6 PA		
Inflammability class in acc. with UL 94				V0		





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MKDS 1,5/...HT BK 5.0 or 5.08 mm Pitch

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Description	Number of positions	Dim. a [mm]	Туре		Order No.	Pcs./Pkt.
Printed circuit screw termination blocks, 5.0 mm pitch, color: black	2 3	5 10	MKDS 1,5/2 HT BK MKDS 1,5/3 HT BK		19 85 88 1 19 85 89 4	50
Printed circuit screw termination blocks, 5.08 mm pitch, color: black	2 3	5.08 10.16	MKDS 1,5/2-5,08 HT BK MKDS 1,5/3-5,08 HT BK		19 85 90 4 19 85 91 7	50
(1) Screwdriver, blade: 0.6 x 3.5 x 100 mm, length: 180 mm			SZS 0,6 x 3,5		12 05 05 3	10
(2) Marker card, with 12 pcs., 10-section marker strips, white, self-adhesive, for 120 terminal blocks			SK 5/3,8 or SK 5,08/3,8 (see COMBICON catalog)			
Technical data				·		
Dimensions Pitch Hole diameter Pin dimensions	Im	[mm] [mm] 1m]x[mm]		e descriptio 5 / 5.08 1.3 0.9 x 0.9	n	
Technical data in accordance with IEC/ DIN VI		IIIIJX[IIIII]		0.9 X 0.9		
Insulating material group		_		I		
Surge voltage category / contamination class		_/_	III / 3	III / 2	II / 2	
Rated voltage		[V]	200	320	320	
Rated surge voltage		[kV]	4	4	4	
Nominal current / cross section		[A]/[mm ²]		17.5 / 1.5		
Maximum load current / cross section		[A]/[mm ²]		24 / 2.5		
Connection capacity	F		0.14.05		100 11	
Solid / stranded / conductor sizes	[mm²]/[m	-	•••••	/0.14 - 1.5		
Stranded with ferrule without / with plastic sleeve Multiple connection (2 conductors with same	cross sectio	[mm ²]	0.25 -	1.5 / 0.25	- 1.5	
Solid / stranded	0.033 30010	[mm ²]	0 14 -	- 1 / 0.14 - (0.75	
Stranded with ferrules without plastic sleeve		[mm ²]		0.25 - 0.5		
Stranded with TWIN ferrule with plastic sleeve		[mm ²]		0.5 - 1		
Stripping length		[mm]		7		
Internal cylindrical gauge (IEC 60 947-1)				A 1		
Thread		-		M 3		
Torque				0.5 - 0.6		
Insulating material				PA		
Inflammability class in acc. with UL 94				V0		





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MKDSN 2,5/...HT BK 5.0 or 5.08 mm Pitch

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5.0 mm pitch, color: black 2 5 MKDSN 2,5/2 HT BK 19 85 92 0 50 Printed circuit screw termination blocks, 3 10 MKDSN 2,5/3 HT BK 19 85 93 0 50 5.08 mm pitch, color: black 2 5.08 MKDSN 2,5/3 HT BK 19 85 93 6 50 (1) Screwdriver, blade: 0.6 x 3.5 x 100 mm, length: 180 mm Constant 19 85 94 6 50 (2) Marker card, with 12 pcs., 10-section marker strips, white, self-adhesive, for 120 terminal blocks SK 5/3,8 or SK 5,08/3,8 (see COMBICON catalog) 10 Technical data [mm] 5/5.08 10 See description Nickling category / contamination class -/- III / 3 III / 2 II / 2 Surge voltage [V] 4 4 4 4 Nominal current / cross section [A]/[mm ²] 16 / 2.5 2.5 / 0.2 - 2.5 / 0.2 - 2.5 / 0.2 - 2.5 / 0.2 - 2.5 / 0.2 - 2.5 / 0.2 - 2.5 / 0.2 - 2.5 / 0.2 - 2.5 / 0.2 - 2.5 / 0.2 - 2.5 / 0.2 - 2.5 / 0.2 - 2.5 / 0.2 - 0.75 Stranded with ferrule without / with plastic sleeve [mm ²] 0.2 - 0.75 / 0.2 - 0.75 3.5 Muttiple connection (2 conductor sizes [mm ²] 0.2 - 0.75 / 0.2	Description	Number of positions	Dim. a [mm]	Туре	Order No.	Pcs./Pkt.	
5.08 mm pitch, color: black 2 5.08 MKDSN 2,5/2-5,08 HT BK 19 85 94 6 50 (1) Screwdriver, blade: 0.6 x 3.5 x 100 mm, length: 180 mm Image: Color in the strip	Printed circuit screw termination blocks, 5.0 mm pitch, color: black		-			50	
blade: 0.6 x 3.5 x 100 mm, length: 180 mm SZS 0,6 x 3,5 12 05 05 3 10 (2) Marker card, with 12 pcs., 10-section marker strips, white, self-adhesive, for 120 terminal blocks SK 5/3,8 or SK 5,08/3,8 (see COMBICON catalog) 10 Technical data Dimensions SK 5/3,8 or SK 5,08/3,8 (see COMBICON catalog) 10 Pitch [mm] 5 / 5.08 10 Hole diameter [mm] 0.8 x 0.9 1.3 Technical data in accordance with IEC/ DIN VDE 1 0.8 x 0.9 Insulating material group - 1 Stranded voltage [V] 200 320 Rated voltage [V] 4 4 Nominal current / cross section [A]/[mm ²] 16 / 2.5 Connection capacity 0.2 - 0.75 / 0.2 - 0.75 5 Solid / stranded / conductor sizes [mm ²] 0.2 - 0.75 / 0.2 - 0.75 Stranded with TWIN ferule without plastic sleeve [mm ²] 0.2 - 0.75 / 0.2 - 0.75 Stranded with TWIN ferule with plastic sleeve [mm ²] 0.2 - 0.75 / 0.2 - 0.75 Stranded with TWIN ferule with plastic sleeve [mm ²] 0.5 - 1.5						50	
(2) Marker card, with 12 pcs., 10-section marker strips, while, self-adhesive, for 120 terminal blocks SK 5/3,8 or SK 5,08/3,8 SK 5/3,8 or SK 5,08/3,8 self-adhesive, for 120 terminal blocks Technical data Dimensions [mm] Pitch [mm] Hole diameter [mm] Pin dimensions [mm]x[m] Technical data in accordance with IEC/ DIN VDE Insulating material group - Surge voltage category / contamination class -/- III / 3 III / 2 Rated voltage [V] Rated surge voltage [kV] Maximum load current / cross section [A]/[mm²] Maximum load current / cross section [A]/[mm²] Solid / stranded vich ferrule without / with plastic sleeve [mm²] Ould / stranded / conductors with same cross section) 0.2 - 0.75 / 0.2 - 0.75 Stranded with ferrules without plastic sleeve [mm²] Ould / stranded with TWIN ferrules with plastic sleeve [mm²] Ould / stranded with Terules without plastic sleeve [mm²] Stranded with Twill ferrule with							
10-section marker strips, white, self-adhesive, for 120 terminal blocks SK 5/3,8 or SK 5,08/3,8 (see COMBICON catalog) Technical data	blade: 0.6 x 3.5 x 100 mm, length: 180 mm			SZS 0,6 x 3,5	12 05 05 3	10	
Dimensions see description Pitch [mm] Hole diameter [mm] Pin dimensions [mm]x[mm] Output 0.8 x 0.9 Technical data in accordance with IEC/ DIN VDE 0.8 x 0.9 Insulating material group - Surge voltage category / contamination class -/- Rated voltage [V] Rated surge voltage [kV] Maximum load current / cross section [A]/[mm²] Solid / stranded / conductor sizes [mm²]/[mm²] Solid / stranded [mm²] O.2 - 0.75 / 0.2 - 0.75 Stranded with ferrules without plastic sleeve [mm²] Old / stranded [mm²] Stranded with ferrules without plastic sleeve [mm²] Stranded with ferrules without plastic sleeve [mm²] Stranded with Tervile with plastic sleeve [mm²] Straping length [mn²] <t< td=""><td>10-section marker strips, white,</td><td></td><td></td><td></td><td></td><td></td></t<>	10-section marker strips, white,						
Pitch [mm] 5 / 5.08 Hole diameter [mm] 1.3 Pin dimensions [mm]x[mm] 0.8 x 0.9 Technical data in accordance with IEC/ DIN VDE 1 Insulating material group - 1 Surge voltage category / contamination class -/- III / 3 III / 2 I / 2 Rated voltage [V] 200 320 320 320 Rated surge voltage [kV] 4 4 4 Nominal current / cross section [A]/[mm²] 16 / 2.5 16 / 2.5 Maximum load current / cross section [A]/[mm²] 0.2 - 0.5 / 0.2 - 2.5 / 0.2 - 2.5 / 2.4 - 14 14 Solid / stranded / conductor sizes [mm²]/[mm²]/AWG 0.2 - 0.75 / 0.2 - 0.75 14 Stranded with ferrules without / with plastic sleeve [mm²] 0.2 - 0.75 / 0.2 - 0.75 14 Stranded with ferrules without plastic sleeve [mm²] 0.2 - 0.75 / 0.2 - 0.75 15 Stranded with Terrule with plastic sleeve [mm²] 0.5 - 1.5 15 Stripping length [mm²] 0.5 - 1.5 15	Technical data				1	· · · · · · · · ·	
Technical data in accordance with IEC/ DIN VDE Insulating material group - Surge voltage category / contamination class -/- Rated voltage [V] Rated surge voltage category / contamination class -/- III / 3 III / 2 Rated voltage [V] Rated surge voltage [kV] Ated surge voltage [kV] Nominal current / cross section [A]/[mm²] Maximum load current / cross section [A]/[mm²] Connection capacity 16 / 2.5 Solid / stranded / conductor sizes [mm²]/[mm²]/AWG Stranded with ferrule without / with plastic sleeve [mm²] Multiple connection (2 conductors with same cross section) 0.2 - 0.75 / 0.2 - 0.75 Stranded with ferrules without plastic sleeve [mm²] 0.1 0.2 - 0.75 / 0.2 - 0.75 Stranded with Terrule with plastic sleeve [mm²] 0.5 - 0.75 0.5 - 1.5 Strapping length [mm]	Pitch Hole diameter	Im	[mm]	5 / 5 1.3	.08 3		
Insulating material group – I Surge voltage category / contamination class –/– III / 3 III / 2 II / 2 Rated voltage [V] 200 320 320 Rated surge voltage [kV] 4 4 4 Nominal current / cross section [A]/[mm²] 16 / 2.5 Maximum load current / cross section [A]/[mm²] 16 / 2.5 Connection capacity Solid / stranded / conductor sizes [mm²]/[mm²]/AWG 0.2 - 2.5 / 0.2 - 2.5 / 2.4 - 14 Stranded with ferrule without / with plastic sleeve [mm²] 0.25 - 2.5 / 0.2 - 0.75 - 2.5 Multiple connection (2 conductors with same cross section) 0.2 - 0.75 / 0.2 - 0.75 Stranded with ferrules without plastic sleeve [mm²] 0.2 - 0.75 / 0.2 - 0.75 Stranded with ferrules without plastic sleeve [mm²] 0.5 - 1.5 Stranded with TWIN ferrule with plastic sleeve [mm²] 0.5 - 1.5 Strapping length [mm²] 0.5 - 1.5			<u>uulv[uuul</u>	0.0 X	0.9		
Rated voltage [V] 200 320 320 Rated surge voltage [kV] 4 4 4 Nominal current / cross section [A]/[mm²] 16 / 2.5 Maximum load current / cross section [A]/[mm²] 16 / 2.5 Connection capacity Solid / stranded / conductor sizes [mm²]/[mm²]/AWG 0.2 - 2.5 / 0.2 - 2.5 / 0.2 - 2.5 / 0.2 - 2.5 Multiple connection (2 conductors with same cross section) 0.25 - 2.5 / 0.2 - 0.75 / 0.2 - 0.75 0.2 - 0.75 / 0.2 - 0.75 Stranded with ferrules without plastic sleeve [mm²] 0.2 - 0.75 / 0.2 - 0.75 0.2 - 0.75 / 0.2 - 0.75 Stranded with ferrules without plastic sleeve [mm²] 0.2 - 0.75 / 0.2 - 0.75 0.5 - 0.75 Stranded with TwIN ferrule with plastic sleeve [mm²] 0.5 - 1.5 0.5 - 1.5 Stripping length [mm²] 0.5 - 1.5 0.5 - 1.5		_	_	1			
Rated surge voltage [kV] 4 4 4 Nominal current / cross section [A]/[mm²] 16 / 2.5 Maximum load current / cross section [A]/[mm²] 16 / 2.5 Connection capacity 16 / 2.5 Solid / stranded / conductor sizes [mm²]/[mm²]/AWG 0.2 - 2.5 / 0.2 - 2.5 / 24 - 14 Stranded with ferrule without / with plastic sleeve [mm²] 0.25 - 2.5 / 0.2 - 0.75 / 0.2 - 0.75 Multiple connection (2 conductors with same cross section) Solid / stranded 0.2 - 0.75 / 0.2 - 0.75 Stranded with ferrules without plastic sleeve [mm²] 0.2 - 0.75 / 0.2 - 0.75 Stranded with TWIN ferrule with plastic sleeve [mm²] 0.25 - 0.75 Stranded with TWIN ferrule with plastic sleeve [mm²] 0.5 - 1.5 Stripping length [mm] 6.5	Surge voltage category / contamination class		_/_	III / 3 III /	2 II/2		
Nominal current / cross section [A]/[mm²] 16 / 2.5 Maximum load current / cross section [A]/[mm²] 16 / 2.5 Connection capacity 16 / 2.5 Solid / stranded / conductor sizes [mm²]/[mm²]/AWG 0.2 - 2.5 / 0.2 - 2.5 / 24 - 14 Stranded with ferrule without / with plastic sleeve [mm²] 0.25 - 2.5 / 0.2 - 2.5 / 0.2 - 2.5 Multiple connection (2 conductors with same cross section) Solid / stranded [mm²] Solid / stranded [mm²] 0.2 - 0.75 / 0.2 - 0.75 Stranded with ferrules without plastic sleeve [mm²] 0.25 - 0.75 Stranded with TWIN ferrule with plastic sleeve [mm²] 0.5 - 1.5 Stripping length [mm] 6.5			[V]	200 32	0 320		
Maximum load current / cross section [A]/[mm²] Maximum load current / cross section [A]/[mm²] Connection capacity 16 / 2.5 Solid / stranded / conductor sizes [mm²]/[mm²]/AWG Stranded with ferrule without / with plastic sleeve [mm²] Multiple connection (2 conductors with same cross section) 0.2 - 2.5 / 0.2 - 2.5 / 0.2 - 2.5 Solid / stranded [mm²] Solid / stranded [mm²] Solid / stranded [mm²] Stranded with ferrules without plastic sleeve [mm²] Stranded with TWIN ferrule with plastic sleeve [mm²] Stranded with TWIN ferrule with plastic sleeve [mm²] Strapping length [mm²]					-		
Connection capacity Solid / stranded / conductor sizes [mm²]/[mm²]/AWG 0.2 - 2.5 / 0.2 - 2.5 / 2.4 - 14 Stranded with ferrule without / with plastic sleeve [mm²] 0.25 - 2.5 / 0.2 - 2.5 / 0.2 - 2.5 Multiple connection (2 conductors with same cross section) 0.2 - 0.75 / 0.2 - 0.75 Solid / stranded [mm²] 0.2 - 0.75 / 0.2 - 0.75 Stranded with ferrules without plastic sleeve [mm²] 0.25 - 0.75 Stranded with TWIN ferrule with plastic sleeve [mm²] 0.5 - 1.5 Stripping length [mm²] 6.5							
Solid / stranded / conductor sizes [mm²]/[mm²]/AWG $0.2 - 2.5 / 0.2 - 2.5 / 2.4 - 14$ Stranded with ferrule without / with plastic sleeve [mm²] $0.25 - 2.5 / 0.25 - 2.5$ Multiple connection (2 conductors with same cross section) $0.2 - 0.75 / 0.2 - 0.75$ Stranded with ferrules without plastic sleeve [mm²] Stranded with ferrules without plastic sleeve [mm²] Stranded with TWIN ferrule with plastic sleeve [mm²] Stripping length [mm²] 6.5			[A]/[mm ²]	16 /	2.5		
Stranded with ferrule without / with plastic sleeve [mm²] 0.25 - 2.5 / 0.25 - 2.5 Multiple connection (2 conductors with same cross section) 0.2 - 0.75 / 0.2 - 0.75 Solid / stranded [mm²] 0.25 - 0.75 / 0.2 - 0.75 Stranded with ferrules without plastic sleeve [mm²] 0.25 - 0.75 Stranded with TWIN ferrule with plastic sleeve [mm²] 0.5 - 1.5 Stripping length [mm] 6.5							
Multiple connection (2 conductors with same cross section) Solid / stranded Solid / stranded Stranded with ferrules without plastic sleeve [mm²] Stranded with TWIN ferrule with plastic sleeve [mm²] Stripping length [mm] 6.5		[mm²]/[m					
Solid / stranded [mm²] 0.2 - 0.75 / 0.2 - 0.75 Stranded with ferrules without plastic sleeve [mm²] 0.25 - 0.75 Stranded with TWIN ferrule with plastic sleeve [mm²] 0.5 - 1.5 Stripping length [mm] 6.5				0.25 - 2.5 /	0.25 - 2.5		
Stranded with ferrules without plastic sleeve [mm²] 0.25 - 0.75 Stranded with TWIN ferrule with plastic sleeve [mm²] 0.5 - 1.5 Stripping length [mm] 6.5		cross sectio	·	0.0.0.75 /	0 0 0 75		
Stranded with TWIN ferrule with plastic sleeve [mm²] 0.5 - 1.5 Stripping length [mm] 6.5							
Stripping length [mm] 6.5							
Internal cylindrical gauge (IEC 60 947-1) – A 3				6.5 A 3			
Thread – M3			_				
Torque 0.5 - 0.6							
Insulating material PA							
Inflammability class in acc. with UL 94 V0				V()		





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MKDS 3/... HT BK 5.0 or 5.08 mm Pitch



	Number of positions	Dim. a [mm]	Туре		Order No.	Pcs./Pkt.
Printed circuit screw termination blocks, 5.0 mm pitch, color: black	2 3	5 10	MKDS 3/2 HT BK MKDS 3/3 HT BK		19 85 96 2 19 85 97 5	50
Printed circuit screw termination blocks, 5.08 mm pitch, color: black	2 3	5.08 10.16	MKDS 3/2-5,08 HT BK MKDS 3/3-5,08 HT BK		19 85 98 8 19 85 99 1	50
(1) Screwdriver, blade: 0.6 x 3.5 x 100 mm, length: 180 mm			SZS 0,6 x 3,5		12 05 05 3	10
(2) Marker card, with 12 pcs., 10-section marker strips, white, self-adhesive, for 120 terminal blocks			SK 5/3,8 or SK 5,08/3,8 (see COMBICON catalog)			
Technical data						
Dimensions Pitch Hole diameter		[mm] [mm]	Sec	e descriptio 5 / 5.08 1.3	n	
Pin dimensions		ım]x[mm]		0.9 x 0.9		
Technical data in accordance with IEC/ DIN VD	E					
Insulating material group		_	III. (D			
Surge voltage category / contamination class		_/_	III / 3	III / 2	II / 2	
Rated voltage		[V]	200 4	320 4	320 4	
Rated surge voltage Nominal current / cross section		[kV]	4	4 24 / 2.5	4	
Maximum load current / cross section		[A]/[mm²] [A]/[mm²]		24/2.5		
Connection capacity				2074		
Solid / stranded / conductor sizes	[mm²]/[m	m²1/∆\//G	02-4/	0.2 - 2.5 /	24 -12	
Stranded with ferrule without / with plastic sleeve	[[mm ²]		2.5 / 0.25		
Multiple connection (2 conductors with same of	cross sectio			2.07 0.20	1.0	
Solid / stranded		[mm ²]	0.2 -	1.5/0.2-	1.5	
Stranded with ferrules without plastic sleeve		[mm ²]	C	.25 - 0.75		
Stranded with TWIN ferrule with plastic sleeve		[mm ²]		0.5 - 1.5		
Stripping length		[mm]		7		
Internal cylindrical gauge (IEC 60 947-1)			– A3			
Thread		-		М З		1
Torque				0.5 - 0.6		
Insulating material				PA		
Inflammability class in acc. with UL 94				V0		







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