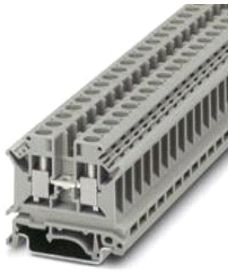
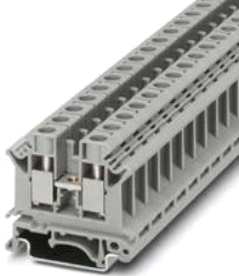
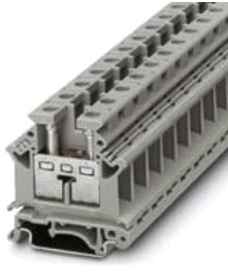


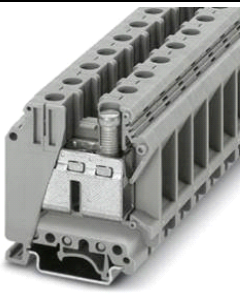

## UK series

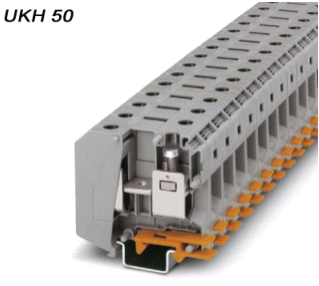
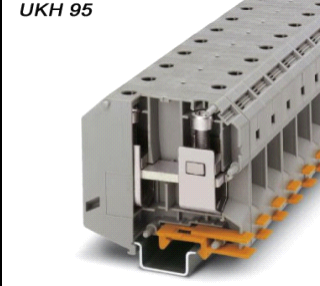
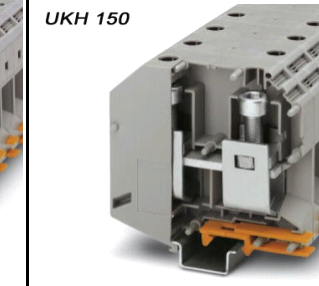
The UK universal terminal block series is named after the universal snap-on foot for DIN and G-profile rails, as well as the multi-conductor connection. In addition to the feed-through and ground terminal blocks, the UK series includes high-current terminal blocks, a wide range of function, disconnect and component terminal blocks as well as terminal blocks with special connections such as solder or slip-on connections.

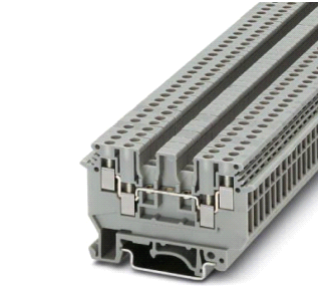
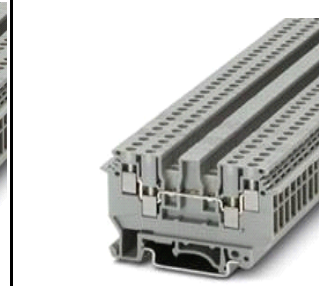

The feed-through terminal block series has the following typical features, which are decisive factors for practical applications: Thanks to the universal foot used on DIN rail NS 35 and 32 as well as potential distribution alternatively via fixed bridges in the terminal center or insertion bridges in the clamping space.

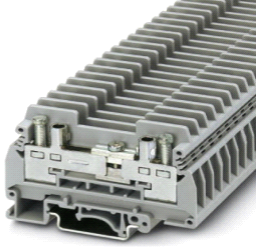
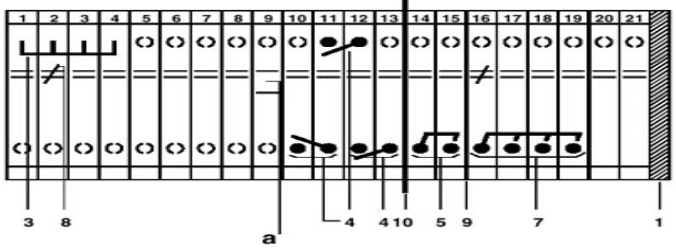
Type:	<i>UK 2.5B</i>	<i>UK 3N</i>	<i>UK 5N</i>
photos			
<b>L*W*H(mm)</b>	42.5*42*6.2	42.5*47*5.2	42.5*47*5.2
<b>Rated Voltage U<sub>N</sub></b>	800V	800V	800V
<b>Rated Current I<sub>N</sub></b>	32A	24A	32A
<b>Mounting type</b>	NS 35/7,5, NS 35/15, NS 32	NS 35/7,5, NS 35/15, NS 32	NS 35/7,5, NS 35/15, NS 32
<b>Connection method</b>	Screw connection	Screw connection	Screw connection
<b>Rated cross-section</b>	4mm <sup>2</sup>	4mm <sup>2</sup>	6mm <sup>2</sup>
<b>Rated surge voltage</b>	8000V/min	8000V/min	8000V/min
<b>Material</b>	PA66, Alloy copper, Red copper	PA66, Alloy copper, Red copper	PA66, Alloy copper, Red copper
<b>Stripping length</b>	7mm	8mm	8mm
<b>Screw-thread</b>	M3	M3	M3
<b>Tightening torque</b>	0.6-0.8 Nm	0.6-0.8 Nm	0.6-0.8 Nm
<b>Order No</b>	7198001	7198002	7198003

Type:	UK 6N	UK 10N	UK 16N
photos			
<b>L*W*H(mm)</b>	42.5*42*8.2	42.5*47*10.2	42.5*47*12.2
<b>Rated Voltage U<sub>N</sub></b>	800V	800V	800V
<b>Rated Current I<sub>N</sub></b>	41A	57A	76A
<b>Mounting type</b>	NS 35/7,5, NS 35/15, NS 32	NS 35/7,5, NS 35/15, NS 32	NS 35/7,5, NS 35/15, NS 32
<b>Connection method</b>	Screw connection	Screw connection	Screw connection
<b>Rated cross-section</b>	10mm <sup>2</sup>	16mm <sup>2</sup>	25mm <sup>2</sup>
<b>Rated surge voltage</b>	8000V/min	8000V/min	8000V/min
<b>Material</b>	PA66, Alloy copper, Red copper	PA66, Alloy copper, Red copper	PA66, Alloy copper, Red copper
<b>Stripping length</b>	10mm	10mm	11mm
<b>Screw-thread</b>	M4	M4	M4
<b>Tightening torque</b>	1.5-1.8 Nm	1.5-1.8 Nm	1.5-1.8Nm
<b>Order No</b>	7198004	7198005	7198006


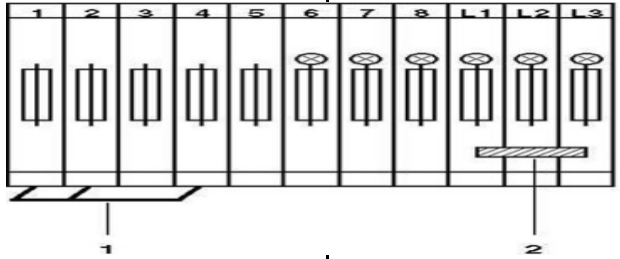
Type:	UK 35N	Circuit diagram
photos		
<b>L*W*H(mm)</b>	55*62*15.2	
<b>Rated Voltage U<sub>N</sub></b>	1000V	
<b>Rated Current I<sub>N</sub></b>	150A	
<b>Mounting type</b>	NS 35/7,5, NS 35/15, NS 32	
<b>Connection method</b>	Screw connection	
<b>Rated cross-section</b>	50mm <sup>2</sup>	
<b>Rated surge voltage</b>	6000V/min	
<b>Material</b>	PA66, / Alloy copper	
<b>Stripping length</b>	16mm	
<b>Screw-thread</b>	M6	
<b>Tightening torque</b>	3.2-3.7 Nm	
<b>Order No</b>	7198007	

Type:	UKH50	UKH95	UKH150
photos			
<b>L*W*H(mm)</b>	70.5*83.5*20	83*97.5*25	100*119*31
<b>Rated Voltage U<sub>N</sub></b>	1000V	1000V	1000V
<b>Rated Current I<sub>N</sub></b>	150A	232A	309A
<b>Mounting type</b>	NS 35/7,5, NS 35/15, NS 32	NS 35/7,5, NS 35/15, NS 32	NS 35/7,5, NS 35/15, NS 32
<b>Connection method</b>	Screw connection	Screw connection	Screw connection
<b>Rated cross-section</b>	70mm <sup>2</sup>	95mm <sup>2</sup>	150mm <sup>2</sup>
<b>Rated surge voltage</b>	8000V/min	8000V/min	8000V/min
<b>Material</b>	PA66, Alloy copper	PA66, Alloy copper	PA66, Alloy copper
<b>Stripping length</b>	24mm	33mm	40mm
<b>Screw-thread</b>	M6	M8	M10
<b>Tightening torque</b>	6-8Nm	15-20Nm	25-30Nm
<b>Order No</b>	7198108	7198109	7198110

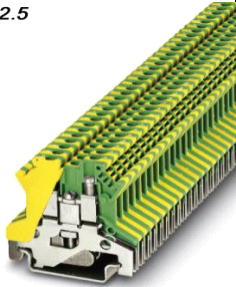
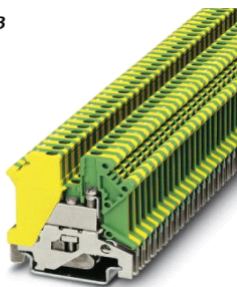
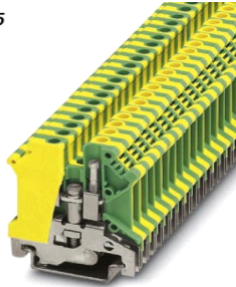
Type:	UDK3	UDK4	Circuit diagram
photos			
<b>L*W*H(mm)</b>	63.6*47*5.2	63.6*47*6.2	1-level terminal block with double connection on both sides
<b>Rated Voltage U<sub>N</sub></b>	500V	630A	
<b>Rated Current I<sub>N</sub></b>	24A	32A	
<b>Mounting type</b>	NS 35/7,5, NS 35/15, NS 32	NS 35/7,5, NS 35/15, NS 32	
<b>Connection method</b>	Screw connection	Screw connection	
<b>Rated cross-section</b>	4mm <sup>2</sup>	6mm <sup>2</sup>	
<b>Rated surge voltage</b>	6000V/min	8000V/min	
<b>Material</b>	PA66, / Alloy copper	PA66, / Alloy copper	
<b>Stripping length</b>	8mm	8mm	
<b>Screw-thread</b>	M3	M3	
<b>Tightening torque</b>	0.5-0.6 Nm	0.5-0.6 Nm	
<b>Order No</b>	7498001	7498002	

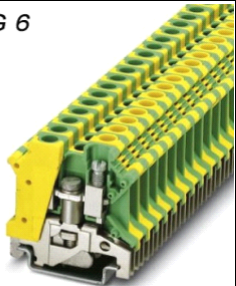
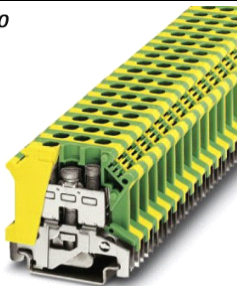
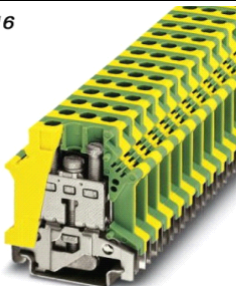
Type:	URTK/S	Circuit diagram
photos		
L*W*H(mm)	71.5*51.5*8.2	Circuit diagram
Rated Voltage $U_N$	400V	a = open
Rated Current $I_N$	45A	1 = cover
Mounting type	NS 35/7,5, NS 35/15, NS 32	3 = fixed bridge
Connection method	Screw connection	4 = switch bar, for 2 terminal blocks, useable on both sides of the disconnect point, inward switching motion
Rated cross-section	10mm <sup>2</sup>	5 = switch bar, for 2 terminal blocks, useable on both sides of the disconnect point, outward switching motion
Rated surge voltage	6000V/min	7 = switch bar, for 3-phase short circuiting of linked current transformer sets, only on the right
Material	PA66, / Alloy copper	8 = switching lock, prevents disconnect slide from being actuated
Stripping length	13mm	
Screw-thread	M4	
Tightening torque	1.2-1.5 Nm	
Order No	7398001	

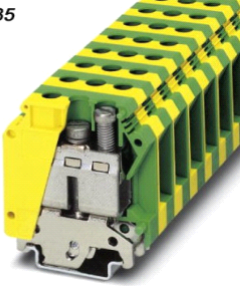

## Fuse series

Type:	UK5-HESI	
photos		
Rated Voltage $U_N$	500A	1 = fixed bridge
Rated Current $I_N$	6.3A	2 = insertion bridge
Rated cross-section	4mm <sup>2</sup>	Fuse terminal block for cartridge fuse insert
Rated surge voltage	6000V/min	
AWG	10月26日	
Material	PA66, Alloy copper, Red copper	
Stripping length	8mm	
Screw-thread	M3	
approval	CE	
Tightening torque	0.5-0.6 Nm	
Fuse	5*20. 5*25. 5*3mm	
Order No	8098001	


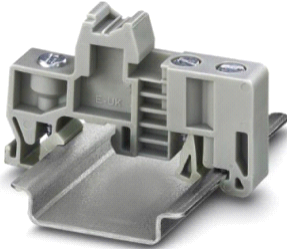

## Earth terminal block series

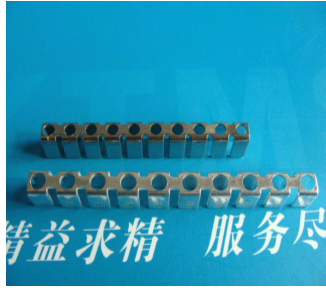
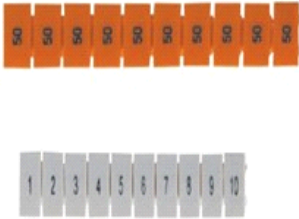
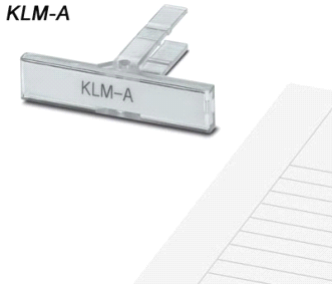
Type:	USLKG2.5	USLKG3	USLKG5
photos			
<b>L*W*H(mm)</b>	42.5*42*6.2	42.5*47*5.2	42.5*47*6.2
<b>Rated Current I<sub>N</sub></b>	32A	34A	34A
<b>Mounting type</b>	NS 35/7, 5, NS 35/15, NS 32	NS 35/7, 5, NS 35/15, NS 32	NS 35/7, 5, NS 35/15, NS 32
<b>Connection method</b>	Screw connection	Screw connection	Screw connection
<b>Rated cross-section</b>	4mm <sup>2</sup>	4mm <sup>2</sup>	6mm <sup>2</sup>
<b>Rated surge voltage</b>	8000V/min	8000V/min	8000V/min
<b>Material</b>	PA66, Alloy copper	PA66, Alloy copper	PA66, Alloy copper
<b>Stripping length</b>	7mm	8mm	8mm
<b>Screw-thread</b>	M3	M3	M3
<b>Tightening torque</b>	0.6-0.8Nm	0.6-0.8Nm	0.6-0.8Nm
<b>Order No</b>	7298001	7298002	7298003

Type:	USLKG6	USLKG10	USLKG16
photos			
<b>L*W*H(mm)</b>	42.5*47*8.2	42.5*47*10.2	42.5*47*12.2
<b>Rated Current I<sub>N</sub></b>	37A	61A	82A
<b>Mounting type</b>	NS 35/7, 5, NS 35/15, NS 33	NS 35/7, 5, NS 35/15, NS 33	NS 35/7, 5, NS 35/15, NS 33
<b>Connection method</b>	Screw connection	Screw connection	Screw connection
<b>Rated cross-section</b>	10mm <sup>3</sup>	10mm <sup>3</sup>	16mm <sup>3</sup>
<b>Rated surge voltage</b>	8000V/min	8000V/min	8000V/min
<b>Material</b>	PA66, Alloy copper	PA66, Alloy copper	PA66, Alloy copper
<b>Stripping length</b>	10mm	10mm	11mm
<b>Screw-thread</b>	M4	M4	M4
<b>Tightening torque</b>	1.5-1.8Nm	1.5-1.8Nm	1.5-1.8Nm
<b>Order No</b>	7298004	7298005	7298006

Type:	USLKG35	USLKG50	
photos			
<b>L*W*H(mm)</b>	42.5*62*15.2	70.5*83.5*20.5	
<b>Rated Current I<sub>N</sub></b>	150A	150A	
<b>Mounting type</b>	NS 35/7, 5, NS 35/15, NS 34	NS 35/7, 5, NS 35/15, NS 34	
<b>Connection method</b>	Screw connection	Screw connection	
<b>Rated cross-section</b>	50mm <sup>2</sup>	70mm <sup>2</sup>	
<b>Rated surge voltage</b>	8000V/min	8000V/min	
<b>Material</b>	PA66, Alloy copper	PA66, Alloy copper	
<b>Stripping length</b>	15mm	24mm	
<b>Screw-thread</b>	M6	M6	
<b>Tightening torque</b>	3.2-3.7Nm	6-8Nm	
<b>Order No</b>	7298007	7298008	

## Accessories

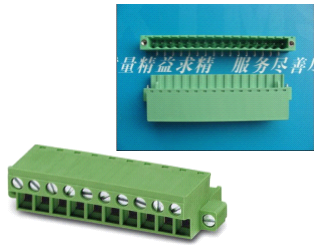
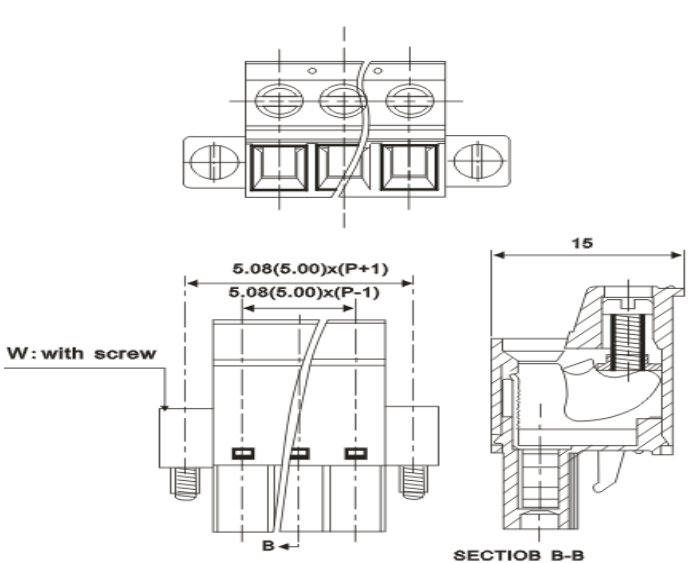
Type:	UBE/D	E/UK	Cross connector/bridge
photos			
<b>Material</b>	PA66	PA66	
<b>Width</b>	20mm	9.5mm	
<b>Color</b>	Gray	Gray	
Temperature range		-40°C/+100°C	
<b>Order No</b>	1198001	1098001	

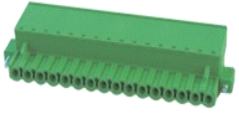
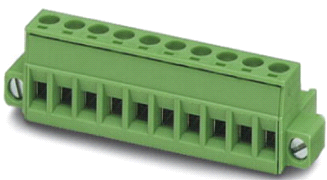
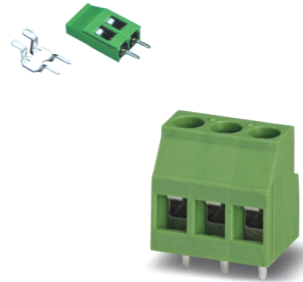
Type:	FBI10/6-8	WB	KLM-A
photos			
Material	Electrolytic copper	PA66	ABS
Width			9.5mm
Color			Transparent
Temperature range	-40°C/+100°C		
Order No	1398006	1498006	1298001


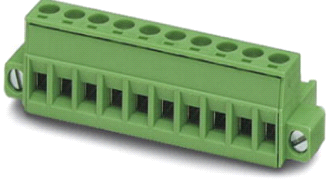
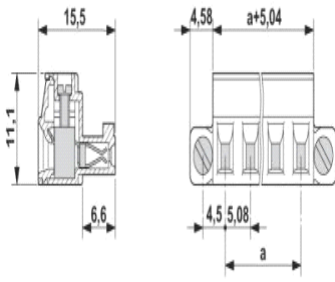
## PCB series

PCB terminal blocks from the COMBICON control program can be used for many applications in MCR technology. They are available with four connection methods (screw, spring-cage, push-in spring-cage and displacement connection) and various soldering processes (SMD, reflow soldering and wave soldering).

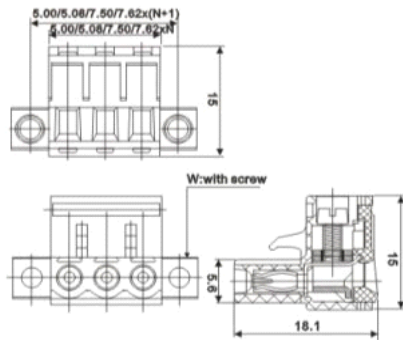
COMBICON control connector for MCR technology are divided into the product groups MICRO, MINI and CLASSIC COMBICON. Various connection types (screw, spring-clamp, displacement and crimp connection), the use of reflow and wave soldering processes as well as the press-in technology allow versatile use of the connectors.

Type:	MSA2.5/10-F-5.08	Drawing
photos		
Pitch	5.08mm	
Rated Voltage UN	250V	
Rated Current IN	12A	
Rated cross-section	0.5-2.5mm <sup>2</sup>	
Temperature range	-40°C/+150°C	
Rated surge voltage	4000V/min	
Material	PA66, FINE STEEL PHOSPHOR BRONZE	
Stripping length	10mm	
Order No	9198010	

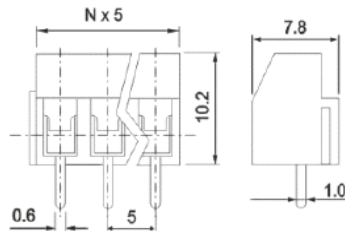
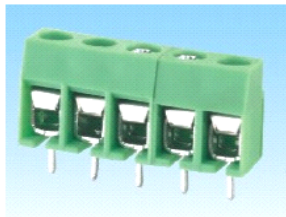
Type:	MSA2.5/16-F-5.08	WD2.5-10-L-5.08	WD2.5/2-3-S-5.08
photos			
Pitch	5.08mm	5.08mm	5.08mm
Rated Voltage $U_N$	250V	250V	250V
Rated Current $I_N$	12A	12A	24A
Rated cross-section	2.5mm <sup>2</sup>	2.5mm <sup>2</sup>	2.5mm <sup>2</sup>
Rated surge voltage	4000V/min	4000V/min	4000V/min
Tightening torque	0.5-0.6Nm	<b>0.5-0.6Nm</b>	0.5-0.6Nm
Material	PA66, FINE STEEL	PA66, FINE STEEL	PA66, Phosphor bronze
Stripping length	10mm	10mm	8mm
Temperature	-40°C/+150°C	-40°C/+150°C	-40°C/+150°C
Order No	9198016	9498010	9398003

Type:	FSCBA2.5/12-5.08	WD2.5-16-L-5.08	Plug component
photos			
Pitch	5.08mm	5.08mm	
Rated Voltage $U_N$	250V	250V	
Rated Current $I_N$	12A	12A	
Resistance to accept	0.001 Ω	0.001 Ω	
Rated surge voltage	4000V/min	4000V/min	
Material	Alloy copper, PBT	PA66, FINE STEEL	
Tightening torque		0.5-0.6Nm	
Temperature	-40°C/+150°C	-40°C/+150°C	
Rated cross-section		2.5mm	
approval	CE	CE	
Order No	9298012	9498016	

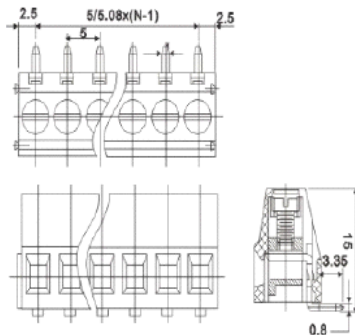




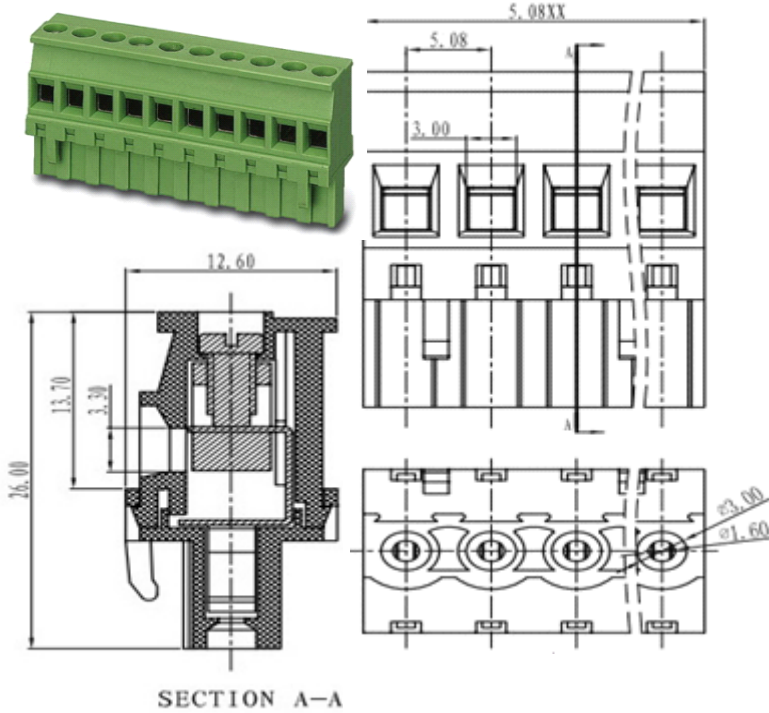
<b>Pitch:</b>	5.00/5.08/7.50/7.62mm
<b>Approval:</b>	Applying(UL VDE)
<b>Rated Voltage:</b>	300V
<b>Rated Current:</b>	12A
<b>Wire Range:</b>	12-28AWG
<b>Torque:</b>	0.5N.m
<b>Screw:</b>	M2.5, Steel, Zinc plated
<b>Insulating material:</b>	Nylon PA66(UL94V-0)
<b>Temperature Range:</b>	-40°C/+105°C
<b>Terminal:</b>	Brass, Ni plated
<b>Wire Protector:</b>	Brass, Ni plated
<b>STD Color:</b>	Green



<b>Pitch:</b>	5.00mm H=10.2mm
<b>Approval:</b>	Applying(UL VDE)
<b>Rated Voltage:</b>	300V
<b>Rated Current:</b>	10A
<b>Wire Range:</b>	12-26AWG
<b>Torque:</b>	0.35N.m
<b>PCBhole Dia.:</b>	Φ1.4mm
<b>Screw:</b>	M2.5, Steel, Zinc plated
<b>Insulating material:</b>	Nylon PA66(UL94V-0)
<b>Temperature Range:</b>	-40°C/+120°C
<b>Terminal:</b>	Brass, Tin plated
<b>Wire Protector:</b>	Stainless steel
<b>STD Color:</b>	Green



<b>Pitch:</b>	5.00mm/5.08mm H=14mm
<b>Approval:</b>	Applying(UL VDE)
<b>Rated Voltage:</b>	300V
<b>Rated Current:</b>	16A
<b>Wire Range:</b>	12-24AWG
<b>Torque:</b>	0.4N.m
<b>PCBhole Dia.:</b>	Φ1.4mm
<b>Screw:</b>	M2.5, Steel, Zinc plated
<b>Insulating material:</b>	Nylon PA66(UL94V-0)
<b>Temperature Range:</b>	-40°C/+120°C
<b>Terminal:</b>	Brass, Tin plated
<b>Wire Protector:</b>	Brass, Ni plated
<b>STD Color:</b>	Green



#### 电气性能/Electrical

参考标准/Standard: UL IEC  
 额定电压/Rated voltage: 300V 320V  
 额定电流/Rated current: 15A 10A  
 接触电阻/Contact resistance: 20mΩ  
 使用线径/Wire range: 28-12AWG 2.5mm<sup>2</sup>  
 耐电压/Withstanding voltage: AC2000V/1Min  
 绝缘电阻/Insulation resistance: 5000MΩ/DC1000V

#### 机械性能/Mechanical

温度范围/Temp.Range: -40°C~+105°C  
 扭矩/Torque: 0.5Nm(4.51lb·in)  
 剥线长度/Strip length: 7-8mm

#### 尺寸/Dimensions

间距/Pitch: 5.08mm  
 极数/Poles: 2P-24P

#### 材质及电镀/Material

塑件/Housing: PA66, UL94V-0  
 螺丝/Screws: M3, steel Zinc plated  
 夹子/Clamp: Brass, Ni plated  
 方块/wire guard: Phosphor bronze, Ni plated

## Contact me

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