

CONTROL COMPONENTS

HICTUK series Terminal

Standard: EN60947-7-1; EN60947-7-2; EN60947-7-3; EN60947-1

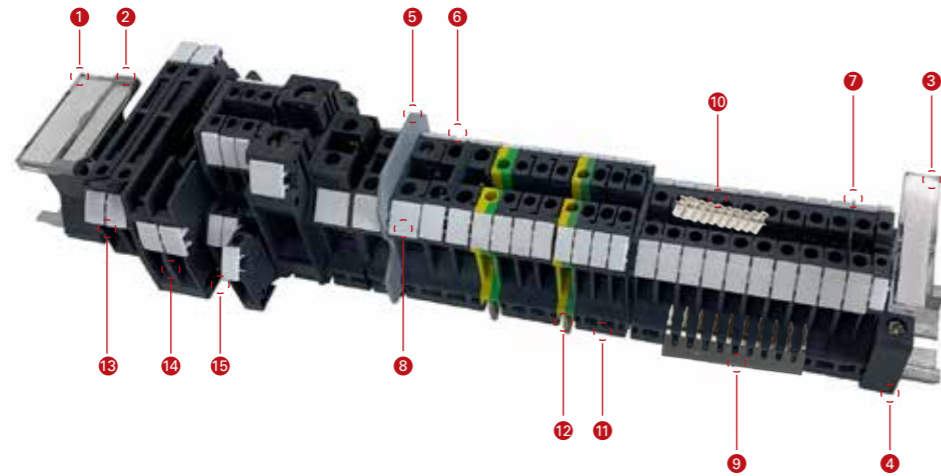
Range Presentation:

HICTUK series terminal is designed for distribution box and control panles, It offers the terminal blocks from 1.5mm²-95mm².

Except general terminal bock, it also contains the ground terminal block, test terminal block, double-level flange terminal block, and fuse modular terminal block.

Accessories like marker bar, spacer plate, fixed bridge and side bridge are also available which makes it easy for customer to connect wires.

Product Appearance



Accessories	Terminal blocks
1 Big marker clip	11 General terminal block
2 Small marker clip	12 Installation ground terminal block
3 Transparent marker clip	13 Fuse modular terminal block
4 HICTUK fixings	14 Test terminal block
5 Spacer plate	15 Double-level flange terminal block
6 Big spacer	
7 Small spacer	
8 Blank marker bar	
9 Side insert bridge connector	
10 Fixed Bridge connector	

Selection Code

Series name	Connection ability	Terminal block type
HICTUK	3	N
HICTUK: Terminal blocks	1P5: 1.5mm ² 2P5: 2.5mm ² 3: 3mm ² 5: 5mm ² 6: 6mm ² 10: 10mm ² 35: 35mm ² 50: 50mm ² 95: 95mm ²	General Type: N(1P5,3,5,6,10,35,50,95),B(2P5); Ground terminal: JD (From 2P5 to 35); Double-level terminal: K3; K5; KB5(KB5-Both layer can be bridged) Test terminal: T; (Just 6T) Fuse modular terminal: HESI (Just 5HESI)

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Technical Parameter						
Product Type	HICTUK series general terminal block					
Product reference	HICTUK1P5N	HICTUK2P5B	HICTUK3N	HICTUK5N	HICTUK6N	HICTUK10N
cable cross section(mm ²)	0.14-1.5	0.2-2.5	0.2-2.5	0.2-4	0.2-6	0.5-10
cable cross section(AWG)	26-16	24-12	24-12	24-10	24-8	20-6
In rated current (A)	17.5	24	24	32	41	57
Ue rated operational voltage (V)	500V	800V	800V	800V	800V	800V
Dielectric strength (V)	500V	800V	800V	800V	800V	800V
Product size (Length*Width*Hight) (mm*mm*mm)	42.5*4.2*41	42.5*6.2*41	42.5*5.2*46	42.5*6.2*46	42.5*8.2*46	42.5*10.2*46
Installation mode	NS32, NS35					
connections - terminals	M2	M3	M3	M3	M4	M4
Tightening torque(N.m)	0.22-0.25 N.m	0.6-0.8 N.m	0.6-0.8 N.m	0.6-0.8 N.m	1.5-1.8 N.m	1.5-1.8 N.m
Wire stripping length(mm)	7	7	8	8	10	10
Insulation material	PA					
Flame retardance	V2					
Ambient air temperature for operation (°C)	-40 ~100					



Accessories Reference:						
Spacer plate	HICTUK2P5G		HICTUK3N10NG			
Fixed bridge	-	HICTUKFB12P5B	HICTUKFB13N	HICTUKFB12P5B	HICTUKFB16N	HICTUKFB110N
Side insert bridge	-	HICTUKEB2P5BD	HICTEB103N	HICTUKEB2P5BD	-	-
Spacer	-	HICTUKTSKK3	HICTUKTSK			
Block sort	HICTUKATP					
Fixing	HICTUKW					
Transparent marker clip	HICTUKLMAT					
Big marker clip	HICTUKB2					
Small marker clip	HICTUKB1					
Blank marker bar	HICTUK1P5NZB4	HICTUK 2P5N5NZB6	HICTUK3NZB5	HICTUK 2P5N5NZB6	HICTUK6NZB8	HICTUK10NZB10
Printed marker bar	-	HICTUK 2P5N5NZB6M	HICTUK3NZB5M	HICTUK 2P5N5NZB6M	HICTUK6NZB8M	HICTUK10NZB10M

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Technical Parameter				
Product Type	HICTUK series general terminal block			
Product reference	HICTUK16N	HICTUK35N	HICTUK50N	HICTUK95N
cable cross section(mm ²)	2.5-16	10-35	16-50	35-95
cable cross section(AWG)	14-4	8-2	6-2/0	4-3/0
In rated current (A)	76	125	150	232
Ue rated operational voltage (V)	800V	800V	1000V	1000V
Dielectric strength (V)	800V	1000V	1000V	1000V
Product size (Length*Width*Hight) (mm*mm*mm)	42.5*12.2*53	50*16*62	70.5*20*77	84*25*90.5
Installation mode	NS32, NS35			
connections - terminals	M4	M6	M6	M8
Tightening torque(N.m)	1.5-1.8 N.m	3.2-3.7N.m	6-8N.m	15-20N.m
Wire stripping length(mm)	11	16	24	33
Insulation material	PA			
Flame retardance	V2			
Ambient air temperature for operation (°C)	-40 ~100			



Accessories reference				
Spacer plate	HICTUK16NG	-	-	-
Fixed bridge	HICTUKFB116N	HICTUKFB135N	-	-
Side insert bridge	-	-	-	-
Spacer	HICTUKTSK		-	-
Block sort	HICTUKATP	-	-	-
Fixing	HICTUKW			
Transparent marker clip	HICTUKLMAT			
Big marker clip	HICTUKB2			
Small marker clip	HICTUKB1			
Blank marker bar	HICTUK16NZB12			
Printed marker bar	HICTUK16NZB12M			

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Technical Parameter							
Product Type	HICTUK Series installation ground terminal block						
Product reference	HICTUK2P5JD	HICTUK3JD	HICTUK5JD	HICTUK6JD	HICTUK10JD	HICTUK16JD	HICTUK35JD
cable cross section(mm ²)	0.2-2.5	0.2-2.5	0.2-4	0.2-6	0.5-10	2.5-16	10-35
cable cross section(AWG)	24-12	24-12	24-10	24-8	20-6	14-4	8-2
In rated current (A)	24	24	32	41	57	76	125
Ue rated operational voltage (V)	-	-	-	-	-	-	-
Dielectric strength (V)	-	-	-	-	-	-	-
Product size (Length*Width*Hight) (mm*mm*mm)	42.5*6.2*41	42.5*5.2*46	42.5*6.2*46	42.5*8.2*46	42.5*10.2*46	42.5*12.2*53	50.5*14.8*61.5
Installation mode	NS32,NS35						
Connections - terminals	M3	M3	M3	M4	M4	M4	M6
Cable cross section(mm ²)	0.2-2.5	0.2-2.5	0.2-4	0.2-6	0.5-10	2.5-16	10-35
Tightening torque(N.m)	0.6-0.8 N.m	0.6-0.8 N.m	0.6-0.8 N.m	1.5-1.8 N.m	1.5-1.8 N.m	1.5-1.8 N.m	3.2-3.7N.m
Wire stripping length(mm)	7	8	8	10	10	11	16
Insulation material	PA						
Flame retardance	V2						
Ambient air temperature for operation(°C)	-40 ~100						



Accessories Reference						
Spacer plate	-					
Fixed bridge	-					
Side insert bridge	-					
Spacer	-					
Fixing	HICTUKW					
Transparent marker clip	HICTUKLMAT					
Big marker clip	HICTUKB2					
Small marker clip	HICTUKB1					
Blank marker bar	HICTUK 2P5N5NZB6	HICTUK 3NZB5	HICTUK 2P5N5NZB6	HICTUK 6NZB8	HICTUK 10NZB10	HICTUK16NZB12
Printed marker bar	HICTUK 2P5N5NZB6M	HICTUK 3NZB5M	HICTUK 2P5N5NZB6M	HICTUK 6NZB8M	HICTUK 10NZB10M	HICTUK16NZB12M

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Technical Parameter					
Product Type	HICTUK series Fuse modular terminal block	HTCTUK series Test terminal block	HICTUK series Double-level flange terminal block		
Product reference	HICTUK5HESI	HICTUK6T	HICTUKK3	HICTUKK5	HICTUKKB5
cable cross section(mm ²)	0.2-4	0.2-6	0.2-2.5	0.2-4	0.2-4
cable cross section(AWG)	24-12	24-8	24-12	24-10	24-10
In rated current (A)	6.3	41	2.5	4	4
Ue rated operational voltage (V)	500V	500V	500V	500V	500V
Dielectric strength (V)	500V	500V	500V	500V	500V
Product size (Length*Width*Hight) (mm*mm*mm)	72.5*8.2*56	72.5*8.2*51.5	57*5.2*61	57*6.2*61	68*6.2*61
Installation mode	NS32,NS35				
Connections - terminals	M3	M4	M3	M3	M3
Cable cross section(mm ²)	0.2-4	0.2-6	0.2-2.5	0.2-4	0.2-4
Tightening torque(N.m)	0.6-0.8 N.m	1.5-1.8 N.m	0.6-0.8 N.m	0.6-0.8 N.m	0.6-0.8 N.m
Wire stripping length(mm)	8	13	8	8	8
Insulation material	PA				
Flame retardance	V2				
Ambient air temperature for operation(°C)	-40 ~100				



HICTUKLMAT



HICTUKB2



HICTUKB1



HICTUK3NZB5



HICTUK3NZB5 M

Accessories Reference					
Spacer plate	-	HICTUK6TG	HICTUKK3G		-
Fixed bridge	-	HICTUKFB1RTKS	HICTUKFB13N	HICTUKFB12P5B	-
Side insert bridge	-	-	HICTUKEB2P5BD	HICTEB103N	-
Spacer	-	-	HICTTSKK3		
Fixing	HICTUKW				
Transparent marker clip	HICTUKLMAT				
Big marker clip	HICTUKB2				
Small marker clip	HICTUKB1				
Blank marker bar	HICTUK6NZB8	HICTUK6NZB8	HICTUK3NZB5	HICTUK2P5N5NZB6	HICTUK2P5N5NZB6
Printed marker bar	HICTUK6NZB8M	HICTUK6NZB8M	HICTUK3NZB5M	HICTUK2P5N5NZB6M	HICTUK2P5N5NZB6M