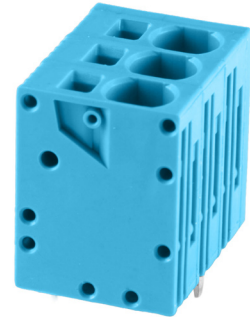


**SERIES:** TBL-0014-750 | **DESCRIPTION:** TERMINAL BLOCK

**FEATURES**

- 1-6 poles
- 7.50 mm pitch
- blue, green, red, white, & yellow options
- UL safety approval


**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated voltage (UL)	Use Group: B (1P/XP models)			300/600	V
	C (1P/XP models)			-/600	V
	D (1P/XP models)			300/600	V
rated current (UL)	Use Group: B (1P/XP models)			40/40	A
	C (1P/XP models)			-/40	A
	D (1P/XP models)			10/5	A
rated voltage (IEC)	Overvoltage Category/Pollution Degree: III/3 (1P/XP models)			630/800	V
	III/2 (1P/XP models)			1,000/1,000	V
	II/2 (1P/XP models)			1,000/1,000	V
rated current (IEC)	Overvoltage Category/Pollution Degree: III/3 (1P/XP models)			41/41	A
	III/2 (1P/XP models)			41/41	A
	II/2 (1P/XP models)			41/41	A
withstanding voltage	for 1 minute (1 pole model)		1,600		Vac
	for 1 minute (all other pole models)		2,200		Vac
surge voltage	1 pole model			6,000	V
	all other pole models			8,000	V
contact resistance				20	mΩ
insulation resistance	at 500 Vdc	500			MΩ
operating temperature		-40		105	°C
safety approvals	UL 1059 certified, IEC 60947-7-4 compliant				
flammability rating	UL94V-0				
wave soldering	for maximum 5 seconds		260		°C
RoHS	yes				

**PART NUMBER KEY**
**TBL - 0014 - 750 - XX XX**

Base Number

No. of Poles:

Body Color:

01 03 05

BE = blue

WT = white

02 04 06

GR = green

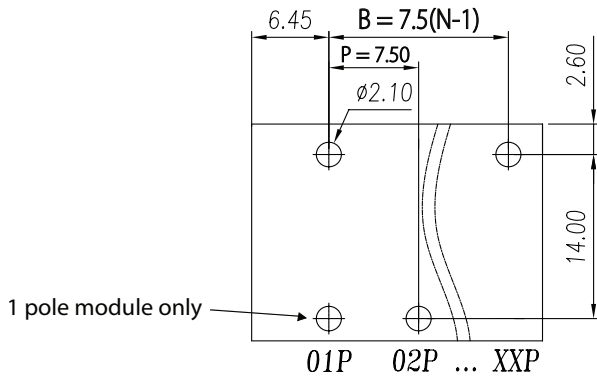
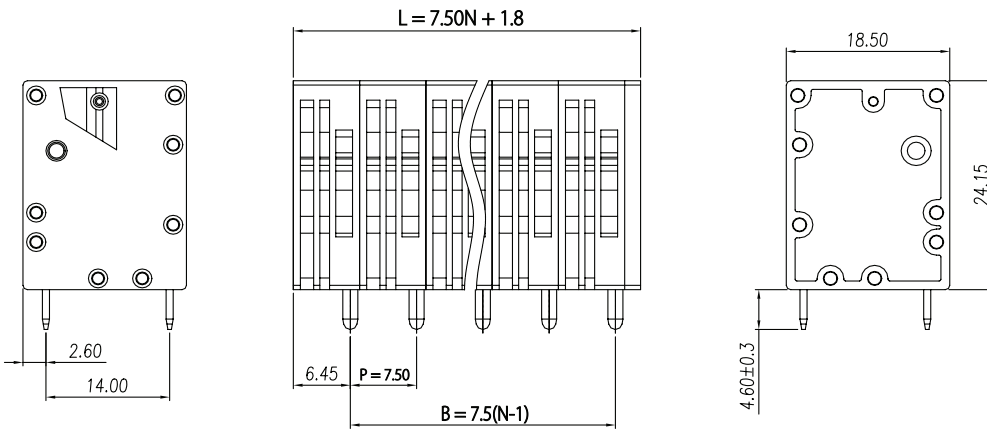
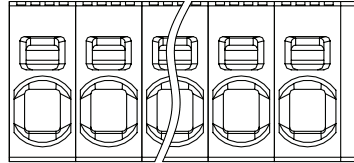
YL = yellow

RD = red

## MECHANICAL DRAWING

units: mm  
 tolerance:  
 $X \leq 6.00$ :  $\pm 0.20$  mm  
 $6.00 < X \leq 10.00$ :  $\pm 0.30$  mm  
 $10.00 < X \leq 30.00$ :  $\pm 0.50$  mm  
 $30.00 < X \leq 60.00$ :  $\pm 0.70$  mm  
 $60.00 < X \leq 100.00$ :  $\pm 1.00$  mm  
 $100.00 < X \leq 160.00$ :  $\pm 1.30$  mm  
 $X > 160.00$ :  $\pm 1.60$  mm  
 unless otherwise noted

DESCRIPTION	MATERIAL	PLATING/COLOR
housing	PA66 [UL94V-0]	
contacts	copper alloy	tin



Recommended PCB Layout  
Top View

WIRE ASSEMBLY		
	UL	IEC
Wire Range [solid/flexible]	24-8 AWG	0.2-10 mm <sup>2</sup> / 0.2-6 mm <sup>2</sup>
Strip Length	15 mm	

This series is constructed of 1 pole modules where L is the total length, P is the pitch, and N is the number of poles.

N	01	02	03	04	05	06
L	9.30	16.80	24.30	31.80	39.30	46.80
B	-	7.50	15.00	22.50	30.00	37.50

## REVISION HISTORY

rev.	description	date
1.0	initial release	03/18/2024

The revision history provided is for informational purposes only and is believed to be accurate.



CUI Devices offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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