

date 03/18/2024

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# SERIES: TBL-0018-350 | DESCRIPTION: TERMINAL BLOCK

#### **FEATURES**

- · 2~6 poles
- 3.5 mm pitch
- blue, green, red, white, & yellow options
- UL safety approved





## **SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated voltage (UL)	Use Group: B, D			300	V
rated current (UL)	Use Group: B, D			10	А
rated voltage (IEC)	Overvoltage Category/Pollution Degree: III/3 III/2 II/2			160 200 400	V V V
rated current (IEC)	Overvoltage Category/Pollution Degree: III/3, III/2, II/2			17.5	А
withstanding voltage	for 1 minute		1,600		Vac
surge voltage				2,500	V
contact resistance				20	mΩ
insulation resistance	at 500 Vdc	500			МΩ
operating temperature		-40		105	°C
safety approvals	UL 1059 certified, IEC 60947-7-4 compliant				
flammability rating	UL94V-0				
RoHS	yes				

#### **SOLDERABILITY**

parameter	conditions/description	min	typ	max	units
wave soldering	for maximum 5 seconds	260			°C

#### PART NUMBER KEY

TBL - 0018 - 350 - XX XX

Base Number

No. of Poles: Body Color:

02 BE = blue WT = white 03 GR = green YL = yellow 04 RD = red

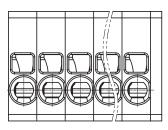
05

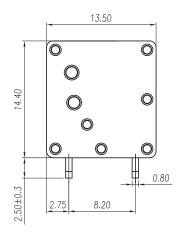
06

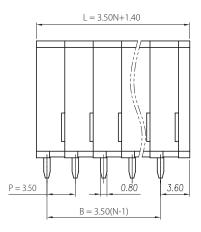
## **MECHANICAL DRAWING**

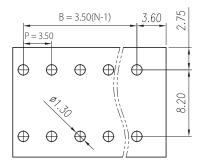
units: mm tolerance:  $X \le 6.00$ :  $\pm 0.20$  mm  $6.00 < X \le 10.00$ :  $\pm 0.30$  mm  $10.00 < X \le 30.00$ :  $\pm 0.50$  mm  $30.00 < X \le 60.00$ :  $\pm 0.70$  mm  $60.00 < X \le 100.00$ :  $\pm 1.00$  mm  $100.00 < X \le 160.00$ :  $\pm 1.30$  mm 100.00:  $\pm 1.60$  mm unless otherwise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

DESCRIPTION	MATERIAL	PLATING/COLOR
housing	PA66 (UL94V-0)	
contacts	copper alloy	tin









Recommended PCB Layout Top View

WIRE ASSEMBLY			
	UL	IEC	
Wire Range	24~16 AWG	0.2~ 1.5 mm²	
Strip Length	10 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	02	03	04	05	06
L	8.40	11.90	15.40	18.90	22.40
В	3.50	7.00	10.50	14.00	17.50

### **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.



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