

date 08/12/2022

page 1 of 3

SERIES: TBP04P1-500 | DESCRIPTION: TERMINAL BLOCK

FEATURES

- 2~24 poles
- 5.0 mm pitch
- UL and CE safety approvals

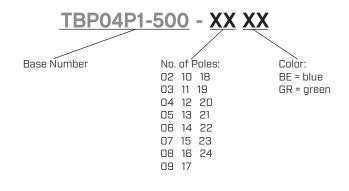




SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated voltage (per contact)	UL			300	V
	IEC			630	V
rated current (per contact)	UL			15	А
rated current (per contact)	IEC			10	Α
withstanding voltage	for 1 minute		1600		Vac
surge voltage				4000	V
contact resistance				20	mΩ
insulation resistance	at 500 Vdc	500			МΩ
operating temperature		-40		105	°C
safety approvals	UL 1059, EN61984:2009				
flammability rating	UL94V-0				
RoHS	Ves				

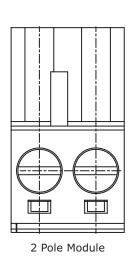
PART NUMBER KEY

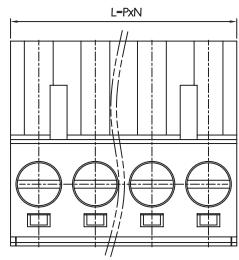


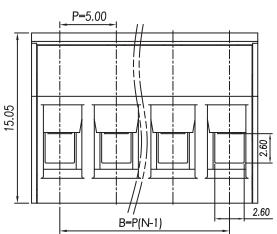
MECHANICAL DRAWING

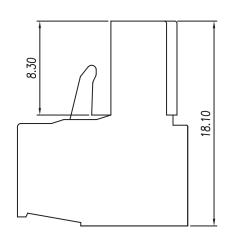
units: mm tolerance: $X \le 6.00$: ± 0.20 mm $6.00 < X \le 10.00$: ± 0.30 mm $10.00 < X \le 30.00$: ± 0.50 mm $30.00 < X \le 60.00$: ± 0.70 mm $60.00 < X \le 100.00$: ± 1.00 mm $100.00 < X \le 160.00$: ± 1.30 mm 100.00: ± 1.60 mm unless otherwise noted

DESCRIPTION	MATERIAL	PLATING/COLOR
housing	PA66 (UL94V-0)	
contacts	copper alloy	nickel
screw	steel	zinc









WIRE ASSEMBLY						
	UL	IEC				
Wire Range	28~12 AWG	0.5~2.5 mm ²				
Strip Length	7~8 mm					
Screw Size	M3					
Screw Torque	1 2.0	√m				

	This series is constructed of single piece modules where L is the total length, P is the pitch, and N is the number of poles.											
N	02	03	04	05	06	07	08	09	10	11	12	13
L	10.00	15.00	20.00	25.00	30.00	35.00	40.00	45.00	50.00	55.00	60.00	65.00
В	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	45.00	50.00	55.00	60.00
N	14	15	16	17	18	19	20	21	22	23	24	
L	70.00	75.00	80.00	85.00	90.00	95.00	100.00	105.00	110.00	115.00	120.00	
В	65.00	70.00	75.00	80.00	85.00	90.00	95.00	100.00	105.00	110.00	115.00	

Additional Resources: Product Page | 3D Model

REVISION HISTORY

rev.	description	date	
1.0	initial release	10/07/2021	
1.01	logo, datasheet style update	08/12/2022	

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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