

date 11/21/2022

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MODEL: TBDR-05-25-GY | DESCRIPTION: DIN RAIL TERMINAL BLOCK

FEATURES

- DIN rail mount
- push-in spring
- 2.5 mm² wire size
- feed through
- UL and CE safety approvals





SPECIFICATIONS

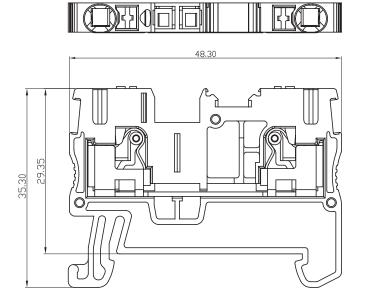
parameter	conditions/description	min	typ	max	units
rated voltage (UL)	Use Group: B, C, D			600	V
rated current (UL)	Use Group: B, C D			20 5	A A
rated voltage (IEC)	Overvoltage Category/Pollution Degree: III/3 III/2, II/2			800 -	V
rated current (IEC)	Overvoltage Category/Pollution Degree: III/3 III/2, II/2			24 -	А
frequency voltage			2200		Vac
surge voltage				8000	V
voltage drop				3.2	mV
insulation resistance	at 500 Vdc	500			ΜΩ
operating temperature		-40		105	°C
safety approvals	UL 1059, IEC 60947-7-1				
flammability rating	UL94V-0				
RoHS	yes				

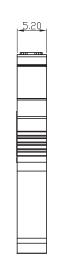
MECHANICAL DRAWING

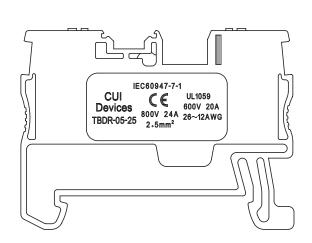
units: mm tolerance: $X \le 6.00: \pm 0.25 \text{ mm}$ $6.00 < X \le 30.00: \pm 0.4$

6.00<X≤30.00: ±0.40 mm 30.00<X≤60.00: ±0.60 mm unless otherwise noted

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







ASSEMBLY						
	UL	IEC				
Wire Range	26~12 AWG	0.2~2.5 mm ²				
Strip Length	10~12 mm					
Mounting Rail	TS 35/7.5, 15					

REVISION HISTORY

rev.	description	date
1.0	initial release	11/21/2022

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



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