

**MODEL:** TBDR-12-25-BK | **DESCRIPTION:** DIN RAIL TERMINAL BLOCK

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**FEATURES**

- DIN rail mount
- push-in spring
- 2.5 mm<sup>2</sup> wire size
- feed through
- UL and CE safety approvals

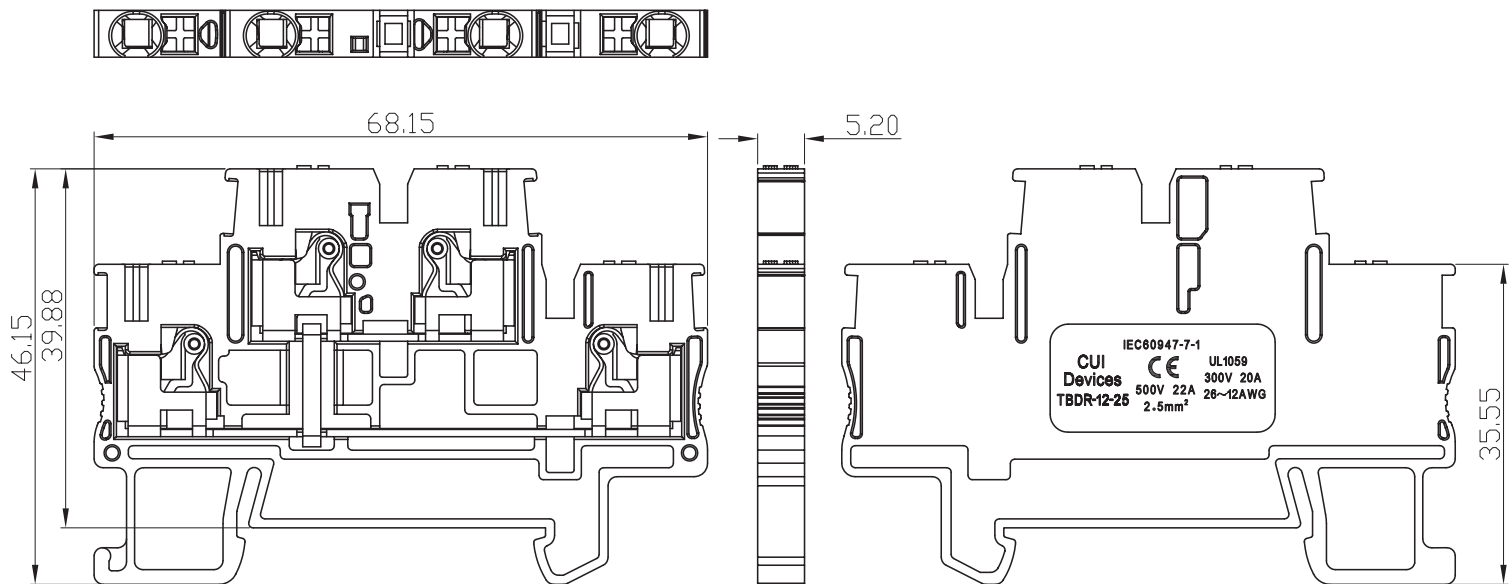
**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated voltage (UL)	Use Group: B, C, D			300	V
rated current (UL)	Use Group: B, C D			20 10	A A
rated voltage (IEC)	Overvoltage Category/Pollution Degree: III/3 III/2, II/2			500 -	V
rated current (IEC)	Overvoltage Category/Pollution Degree: III/3 III/2, II/2			22 -	A
frequency voltage			1890		Vac
surge voltage				6000	V
voltage drop				3.2	mV
insulation resistance	at 500 Vdc	500			MΩ
operating temperature		-40		105	°C
safety approvals	UL 1059, IEC 60947-7-1				
flammability rating	UL94V-0				
RoHS	yes				

## MECHANICAL DRAWING

units: mm  
tolerance:  
 $X \leq 6.00$ :  $\pm 0.25$  mm  
 $6.00 < X \leq 30.00$ :  $\pm 0.40$  mm  
 $30.00 < X \leq 60.00$ :  $\pm 0.60$  mm  
 $60.00 < X \leq 150.00$ :  $\pm 1.00$  mm  
unless otherwise noted

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



ASSEMBLY		
	UL	IEC
Wire Range	26~12 AWG	0.2~2.5 mm²
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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