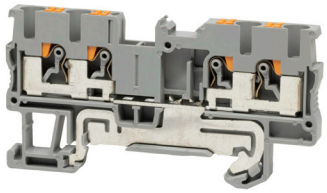
CUI Devices is now Same Sky! Learn More



# MODEL: TBDR-08-25-GY | DESCRIPTION: DIN RAIL TERMINAL BLOCK

## FEATURES

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



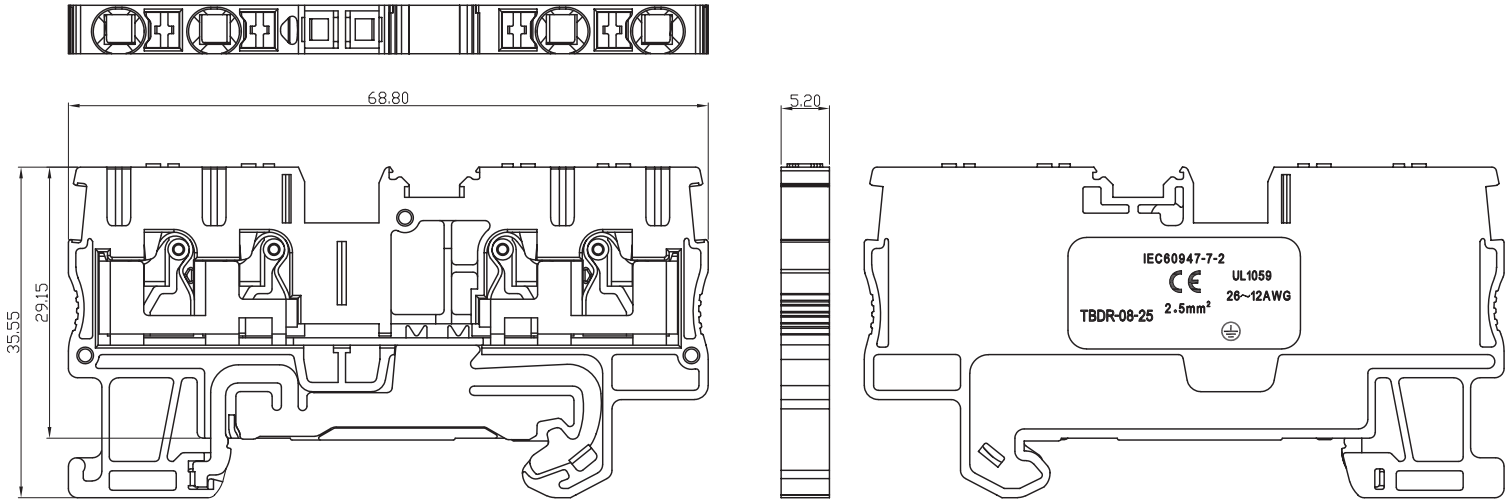
## SPECIFICATIONS

| parameter | conditions/description | min | typ | max | units |
|---|---|---|---|---|---|
| rated voltage (UL) | Use Group:<br>B, C, D | | | - | V |
| rated current (UL) | Use Group:<br>B, C, D | | | - | A |
| rated voltage (IEC) | Overvoltage Category/Pollution Degree:<br>III/3, III/2, II/2 | | | - | V |
| rated current (IEC) | Overvoltage Category/Pollution Degree:<br>III/3, III/2, II/2 | | | - | A |
| frequency voltage | | | 2200 | | 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 60947-7-2 | | | | |
| flammability rating | UL94V-0 | | | | |
| RoHS | yes | | | | |

## MECHANICAL DRAWING

units: mm
tolerance:
X≤6.00: ±0.25 mm
6.00<X≤30.00: ±0.40 mm
30.00<X≤60.00: ±0.60 mm
60.00<X≤150.00: ±1.00 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 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 |
| 1.01 | CUI Devices rebranded to Same Sky | 09/12/2024 |

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

same sky

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

Same Sky reserves the right to make changes to the product at any time without notice. Information provided by Same Sky is believed to be accurate and reliable. However, no responsibility is assumed by Same Sky for its use, nor for any infringements of patents or other rights of third parties which may result from its use.

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