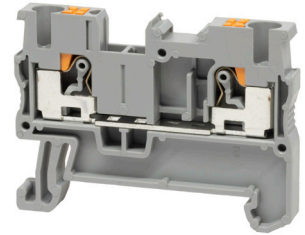


MODEL: TBDR-05-25-GY | **DESCRIPTION:** DIN RAIL TERMINAL BLOCK**FEATURES**

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

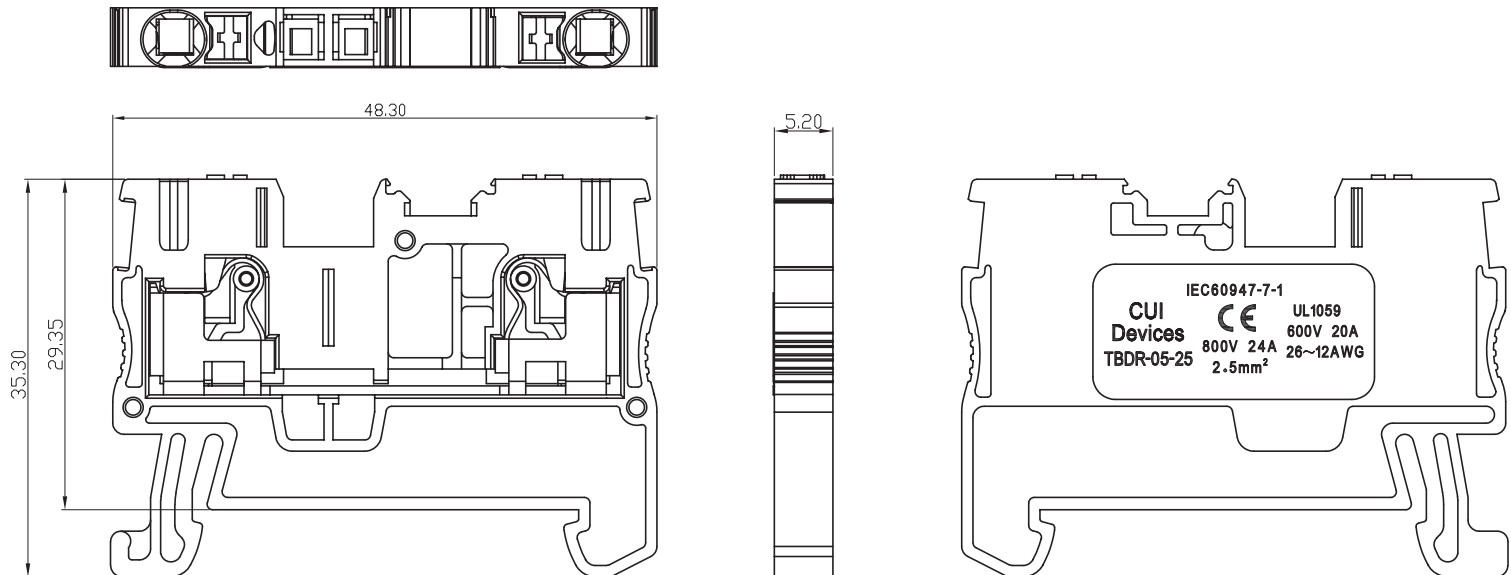
**SPECIFICATIONS**

| 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 - | A |
| frequency voltage | | | 2200 | | Vac |
| surge voltage | | | | 8000 | 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:
 $X \leq 6.00$: ± 0.25 mm
 $6.00 < X \leq 30.00$: ± 0.40 mm
 $30.00 < X \leq 60.00$: ± 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.



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

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