

## Data sheet

Commercial Art.No.: 5D.203.1455.0

terminal block WTPN 2.5 PI20

terminal block WTPN 2.5 PI20 rated voltage 800 V, rated current 24 A, push-In connection//true, number of levels 1, number of clamp positions per level 20, nominal cross section 2.5 mm<sup>2</sup>, connectable conductor cross section fine stranded without cable end sleeve 0,14mm<sup>2</sup> - 2,5mm<sup>2</sup>, mounting method DIN rail (top hat rail), color grey, width/grid dimension 103.6 mm, inflammability class of insulation material acc. with ul94 V0



|                    |               |
|--------------------|---------------|
| Commercial Art.No. | 5D.203.1455.0 |
| EAN                | 4049088718670 |
| Order Unit         | 1             |

certificates / approvals



## Technical data

### general

|  |                         |
|--|-------------------------|
| nominal cross section                                      | 2.5 mm <sup>2</sup>     |
| color  | grey                    |
| number of levels   | 1                       |
| number of clamp positions per level                        | 20                      |
| width/grid dimension                                       | 103.6 mm                |
| insulating housing   | PA                      |
| inflammability class of insulation material acc. with UL94 | V0                      |
| mounting method  | DIN rail (top hat rail) |

### technical data

|                             |               |
|-----------------------------|---------------|
| rated current               | 24 A          |
| rated voltage               | 800 V         |
| rated impulse voltage       | 8 kV          |
| pollution degree            | 3             |
| closing plate required      | no            |
| type of insulation material | thermoplastic |
| length                      | 60 mm         |
| width                       | 103.6 mm      |

### connection data

|                   |                          |
|-------------------|--------------------------|
| connection type   | push-In connection//true |
| connection type 1 | plug-in connection       |

|   |                      |
|---|----------------------|
| minimum cross section solid   | 0.14 mm <sup>2</sup> |
| maximum cross section solid   | 4 mm <sup>2</sup>    |
| minimum cross section fine stranded                                     | 0.14 mm <sup>2</sup> |
| maximum cross section fine stranded                                     | 2.5 mm <sup>2</sup>  |
| minimum conductor cross section (flex., stranded) with cable end sleeve | 0.25 mm <sup>2</sup> |
| maximum conductor cross section (flex., stranded) with cable end sleeve | 2.5 mm <sup>2</sup>  |
| wire strip length   | 10 mm                |

**technical data UL/CSA**

|                        |           |
|------------------------|-----------|
| cross section UL       | 26-12 AWG |
| voltage UL             | 600 V     |
| current factory wiring | 20 A      |
| current field wiring   | 20 A      |
| cross section CSA      | 26-12 AWG |
| voltage CSA            | 600 V     |

**classification**

|          |          |
|----------|----------|
| ETIM 9.0 | EC001284 |
|----------|----------|

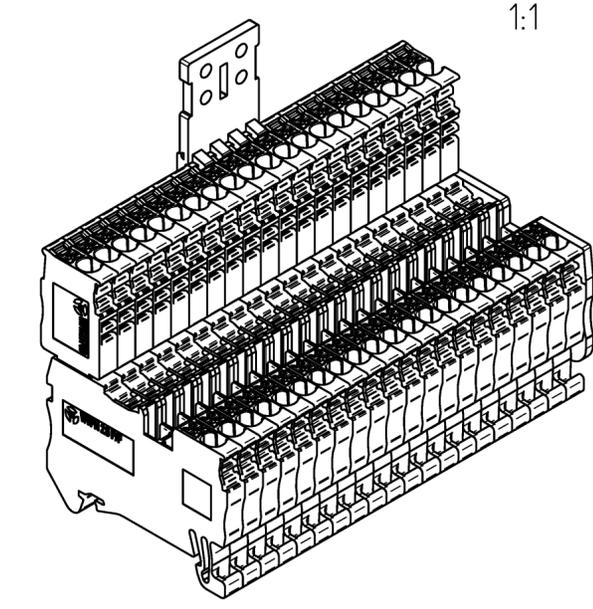
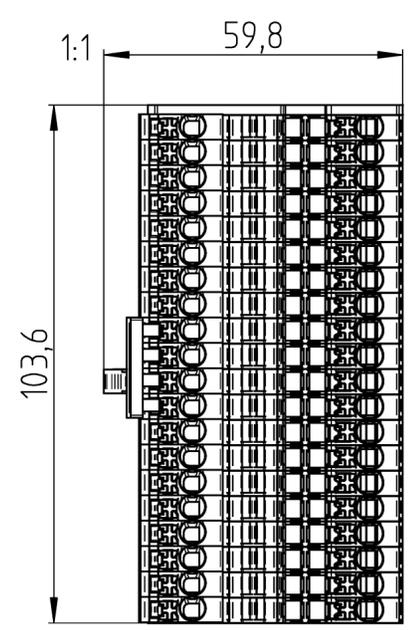
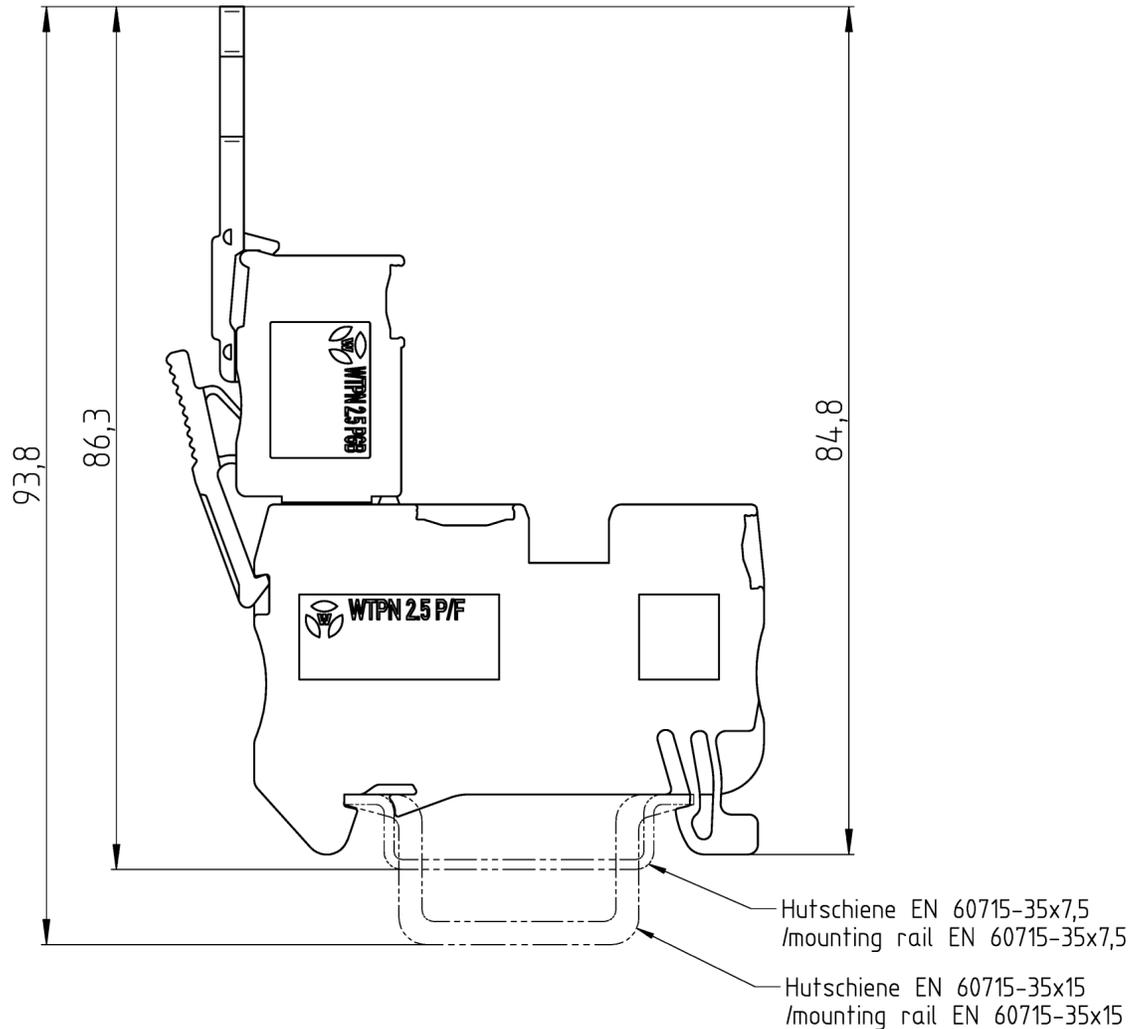
**product compliance**

|                              |           |
|------------------------------|-----------|
| REACH-SVHC conformity status | compliant |
|------------------------------|-----------|

**Accessories**

| Commercial Art.No.: | Article-type description:    | Description:  |
|---------------------|------------------------------|---|
| 0D.203.3227.5       | jumper bar IVB WTPN 2,5-2    | jumper bar IVB WTPN 2,5-2 modular spacing 5.1 mm, insulated yes, number of poles 2, color red, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0   |
| 0D.203.3327.5       | jumper bar IVB WTPN 2,5-3    | jumper bar IVB WTPN 2,5-3 modular spacing 5.1 mm, insulated yes, number of poles 3, color red, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0   |
| 0D.203.3427.5       | jumper bar IVB WTPN 2,5-4    | jumper bar IVB WTPN 2,5-4 modular spacing 5.1 mm, insulated yes, number of poles 4, color red, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0   |
| 0D.203.3527.5       | jumper bar IVB WTPN 2,5-5    | jumper bar IVB WTPN 2,5-5 modular spacing 5.1 mm, insulated yes, number of poles 5, color red, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0   |
| 0D.203.4027.5       | jumper bar IVB WTPN 2,5-10   | jumper bar IVB WTPN 2,5-10 modular spacing 5.1 mm, insulated yes, number of poles 10, color red, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0 |
| 0D.203.5027.5       | jumper bar IVB WTPN 2,5-20   | jumper bar IVB WTPN 2,5-20 modular spacing 5.1 mm, insulated yes, number of poles 20, color red, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0 |
| 0D.203.5427.5       | jumper bar IVB WTPN 2.5 500T | jumper bar IVB WTPN 2.5 500T modular spacing 5.1 mm, insulated yes, color red, mounting method pluggable, inflammability class of insulation material acc. with ul94 V0                   |
| 0D.203.8055.5       | test plug PS 2.5             | test plug PS 2.5 color red  |
| 0D.203.8155.5       | spacer SPS 2.5               | spacer SPS 2.5 color red  |
| 0D.202.7281.0       | marking strips WML 9.8/60    | marking strips WML 9.8/60 color white   |
| 0D.202.7381.0       | marking strips WML 7.4/60    | marking strips WML 7.4/60 color white   |

|               |                            |  |
|---------------|----------------------------|--|
| OD.203.7056.0 | marking plate WMP 5,10-10  | marking plate WMP 5,10-10 modular spacing 5.1 mm, color white  |
| OD.203.7156.0 | marking plate WMP 5,10-5,8 | marking plate WMP 5,10-5,8 modular spacing 5.1 mm, color white |



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Confidentially

These dimensions will be especially checked at delivery  
Only inspection dimensions  
With /E marked dimensions are only valid for internal use

Diese Maße werden bei Abnahme besonders geprüft  
Ausdrücklich für interne Zwecke  
This /E dimensioned parts are only valid for internal use

Weitere Daten siehe KATALOG oder eKatalog  
additional data see CATALOG or eCATALOG  
www.wieland-electric.com  
eshop.wieland-electric.com

|  |  |   |  |   |  |
|--|--|---|--|---|--|
| Tolerierung Size ISO 14405 © / Tolerance system Size ISO 14405 © |  | ja/yes <input checked="" type="checkbox"/> Stoffverbots- und Deklarationsliste nach WN 5020.010 ist einzuhalten.<br>(This ISO-standard describes the envelope principle. According to the envelope principle the deviations of form and parallelism are limited by the size tolerances) |  | Conformity with Wieland document WN 5020.010 e (list of prohibited / declarable hazardous substances) to be declared! |  |
| Freitoleranz nach General tolerance                              |  | CAD - Zeichnung, keine manuellen Änderungen<br>CAD - drawing, no manual modifications allowed   |  | 1. Verwendung: First Use:   |  |
| /  |  | Werkstoff / Material  |  | Tag/Date Name   |  |
| /  |  | Maßstab / Scale   |  | gezeichnet/drawn 07.05.2025 Hallet  |  |
| /  |  | 2:1   |  | Elektronische Freigabe<br>Electronic Release  |  |
| /  |  | Vol. mm <sup>2</sup> Dfl./Srf. mm <sup>2</sup>  |  | Ersatz für / Replacement for:   |  |
| /  |  | Type  |  | Benennung/TiTe  |  |
| /  |  | Index Datum / Blatt Date / Sheet  |  | Zeichnung Nr. / Drawing No.   |  |
| /  |  | Änderung / Revision   |  | 5D.203.1455.0 13K   |  |
| /  |  | Index Datum / Blatt Date / Sheet  |  | Maße in mm / Dimensions are in mm   |  |

|                           |               |                  |
|---------------------------|---------------|------------------|
| Bestell-Nr.<br>/order no. | Typ<br>/type  | Farbe<br>/colour |
| 5D.203.1455.0             | WTPN 2.5 PI20 | grau / grey      |



**KLEMMENBLOCK**  
terminal block