
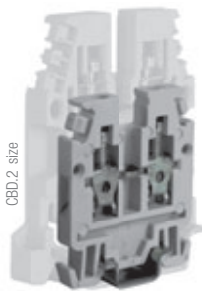


# Mini terminal blocks

with UL94V-0 polyamide insulating body


- mounting onto PR/2 type rails - TH/15 type
- available in standard (grey RAL 7042 colour) or (Ex)i "intrinsic safety" circuits (blue RAL 5015 colour) versions
- **RP.4** and **RN.2: CESI 03 ATEX 073 U** Ex e certificate  I M2 / II 2 G D operating temperature range: -40 ÷ +80 °C
- when rail assemblies are to be manufactured for potentially explosive environments, please refer to the instructions given on page A14



The /GR tag indicates the grey colour version.

| versione base   |                        |
|---|------------------------|
| (Ex)i version   |                        |
| TECHNICAL CHARACTERISTICS                                     |                        |
| function / type   |                        |
| rated cross-section   | (mm²)                  |
| connecting capacity   |                        |
| flexible  | (mm²)                  |
| rigid   | (mm²)                  |
| max. flexible with ferrule (mm²)-ferrule type                 |                        |
| rated voltage / rated current / gauge                         | conf. to IEC 60947-7-1 |
| rated voltage / rated current / AWG / tightening torque value | UL                     |
| (Ex e) rated voltage  | (V)                    |
| rated impulse withstand voltage / pollution degree            |                        |
| insulation stripping length                                   | (mm)                   |
| tightening torque value (test / recommended)                  | (Nm)                   |
| height / width / thickness                                    | TH/15                  |

## APPROVALS

| ACCESSORIES                                    |   |
|--|---|
| End sections                                   | grey<br>blue  |
| Permanent cross connection                     |   |
| Switchable cross connection                    |   |
| Multiple common bar                            | 250 mm  |
| Shunting screw and sleeve (same, Ex e version) |   |
| Coloured partition                             | red, green, white   |
| Test plug socket                               |   |
| Test plug                                      |   |
| Numbering strip                                |   |
| Warning plate                                  | on adjacent terminal blocks   |
| Cover for cross-connection                     |   |
| Marking tag                                    | printed or blank  |
| End bracket                                    |   |
| Mounting rail according to IEC 60715 Std.      |  |

| RN.1/GR   |                                   |
|---|-----------------------------------|
| Cat. No.  | RN300GR                           |
| RN.1 (Ex)i  |                                   |
| Cat. No.  | RN400                             |
| TECHNICAL CHARACTERISTICS                                     |                                   |
| feed-through  |                                   |
| rated cross-section   | 1,5                               |
| connecting capacity   |                                   |
| flexible  | 0,2 ÷ 2,5                         |
| rigid   | 0,2 ÷ 2,5                         |
| max. flexible with ferrule (mm²)-ferrule type                 | 1,5 - WP15/14                     |
| rated voltage / rated current / gauge                         | 500 V / 17,5 A / A1               |
| rated voltage / rated current / AWG / tightening torque value | 600 V / 15 A / 26-14 AWG / 0,5 Nm |
| (Ex e) rated voltage  | -                                 |
| rated impulse withstand voltage / pollution degree            | 6 kV / 3                          |
| insulation stripping length                                   | 8                                 |
| tightening torque value (test / recommended)                  | 0,4 / 0,8                         |
| height / width / thickness                                    | 32 / 27 / 4,2                     |



| RN.2/GR   |                                     |
|---|-------------------------------------|
| Cat. No.  | RN500GR                             |
| RN.2 (Ex)i  |                                     |
| Cat. No.  | RN510                               |
| TECHNICAL CHARACTERISTICS                                     |                                     |
| feed-through  |                                     |
| rated cross-section   | 2,5                                 |
| connecting capacity   |                                     |
| flexible  | 0,2 ÷ 4                             |
| rigid   | 0,2 ÷ 4                             |
| max. flexible with ferrule (mm²)-ferrule type                 | 2,5 - WP25/14                       |
| rated voltage / rated current / gauge                         | 400 V / 24 A / A3                   |
| rated voltage / rated current / AWG / tightening torque value | 300 V / 20 A / 20 ÷ 12 AWG / 0,4 Nm |
| (Ex e) rated voltage  | 250 V                               |
| rated impulse withstand voltage / pollution degree            | 6 kV / 3                            |
| insulation stripping length                                   | 8                                   |
| tightening torque value (test / recommended)                  | 0,4 / 0,8                           |
| height / width / thickness                                    | 32 / 27 / 5                         |



| RP.4/GR   |                                   |
|---|-----------------------------------|
| Cat. No.  | RP300GR                           |
| RP.4 (Ex)i  |                                   |
| Cat. No.  | RP400                             |
| TECHNICAL CHARACTERISTICS                                     |                                   |
| feed-through  |                                   |
| rated cross-section   | 4                                 |
| connecting capacity   |                                   |
| flexible  | 0,2 ÷ 6                           |
| rigid   | 0,2 ÷ 6                           |
| max. flexible with ferrule (mm²)-ferrule type                 | 4 - WP40/16                       |
| rated voltage / rated current / gauge                         | 630 V / 32 A / A4                 |
| rated voltage / rated current / AWG / tightening torque value | 600 V / 30 A / 20-10 AWG / 0,5 Nm |
| (Ex e) rated voltage  | 250 V                             |
| rated impulse withstand voltage / pollution degree            | 6 kV / 3                          |
| insulation stripping length                                   | 9                                 |
| tightening torque value (test / recommended)                  | 0,5 / 1,2                         |
| height / width / thickness                                    | 35 / 31 / 6                       |



| Type                    | Cat. No.      |
|-------------------------|---------------|
| RFN/PT/GR               | RF101GR       |
| RFN/PT (Ex)i            | RF201         |
| PM/11/2 poles           | PM112         |
| PM/11/3 poles           | PM113         |
| PM/11/5 poles           | PM115         |
| PM/11/10 poles          | PM110         |
| -                       | -             |
| PMP/16                  | PMP16         |
| CPM/16 (CPX/16)         | CPM16 (CPX16) |
| DFP/2                   | DFP2..        |
| PSD/K                   | PD011         |
| SDD/1                   | DD001         |
| SNZ/4                   | SN008         |
| TQM/02                  | TQM02         |
| -                       | -             |
| PRP/5                   | PRP05         |
| -                       | -             |
| BT/2                    | BT006         |
| -                       | -             |
| -                       | -             |
| -                       | -             |
| PR/2/AC of steel        | PR009         |
| PR/2/AS same with slots | PR010         |

| Type                    | Cat. No.      |
|-------------------------|---------------|
| RFN/PT/GR               | RF101GR       |
| RFN/PT (Ex)i            | RF201         |
| PM/12/2 poles           | PM122         |
| PM/12/3 poles           | PM123         |
| PM/12/5 poles           | PM125         |
| PM/12/10 poles          | PM120         |
| -                       | -             |
| PMP/25                  | PMP25         |
| CPM/16 (CPX/16)         | CPM16 (CPX16) |
| DFP/2                   | DFP2..        |
| PSD/A                   | PD001         |
| SDD/1                   | DD001         |
| SNZ/508                 | SN009         |
| -                       | -             |
| PRP/5                   | PRP05         |
| CNU/8                   | NU...         |
| -                       | -             |
| BT/2                    | BT006         |
| -                       | -             |
| -                       | -             |
| -                       | -             |
| PR/2/AC of steel        | PR009         |
| PR/2/AS same with slots | PR010         |

| Type                    | Cat. No.      |
|-------------------------|---------------|
| RP4/PT/GR               | RP301GR       |
| RP4/PT (Ex)i            | RP401         |
| PM/41/2 poles           | PM412         |
| PM/51/3 poles           | PM513         |
| PM/51/5 poles           | PM515         |
| PM/51/10 poles          | PM510         |
| -                       | -             |
| PMP/58                  | PMP58         |
| CPM/01 (CPX/01)         | CPM01 (CPX01) |
| DFP/2                   | DFP2..        |
| PSD/A                   | PD001         |
| SDD/1                   | DD001         |
| SNZ/60                  | SN007         |
| -                       | -             |
| PRP/5                   | PRP05         |
| CNU/8                   | NU...         |
| CSC                     | CS...         |
| BT/2                    | BT006         |
| -                       | -             |
| -                       | -             |
| -                       | -             |
| PR/2/AC of steel        | PR009         |
| PR/2/AS same with slots | PR010         |