


## CBD Series

- UL94V-0
- universal mounting for both PR/DIN and PR/3 rails which meet IEC 60715 norms, "G32" and TH/35 types
- certificate **CESI 01 ATEX 090 U** Ex e  I M2 / II 2 G D temperature range of use: -40 – +80°C
- **CoC IEC Ex CES 09.0009U** Ex e II
- available in the standard version (beige) or in a version appropriate for use with "intrinsically safe" (Ex) circuits (blue)
- maximum continual operating temperature 100°C



(\*): 25 A factory wiring only



(\*\*): 32 A factory wiring only








(\*\*\*) if shielded cables are to be connected, when using CB/SH screening lug, the rated voltage is reduced to 200 V

|                         |
|-------------------------|
| <b>standard version</b> |
|-------------------------|

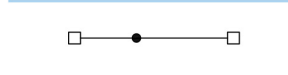
|                      |
|----------------------|
| <b>(Ex)i version</b> |
|----------------------|

### TECHNICAL CHARACTERISTICS

|   |   |
|---|---|
| function/type   |   |
| rated cross-section   | (mm <sup>2</sup> )  |
| connecting capacity   |   |
| flexible  | (mm <sup>2</sup> )  |
| rigid   | (mm <sup>2</sup> )  |
| max. flexible with ferrule (mm <sup>2</sup> ) - 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 / max)                          | (Nm)  |
| height / width / thickness                                    |  TH/35 7.5 mm  |
| height / width / thickness                                    |  TH/35 15 mm   |
| height / width / thickness                                    |  G32   |

|              |          |              |
|--------------|----------|--------------|
| <b>CBD.2</b> | Cat. No. | <b>CB110</b> |
|--------------|----------|--------------|

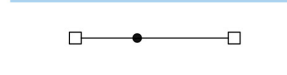
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|--------------------|----------|--------------|
| <b>CBD.2 (Ex)i</b> | Cat. No. | <b>CBX12</b> |
|--------------------|----------|--------------|



|   |  |
|---|--|
| feed-through  | 2.5                                      |
| flexible  | 0.5 – 4                                  |
| rigid   | 0.5 – 4                                  |
| max. flexible with ferrule (mm <sup>2</sup> ) - ferrule type  | 2.5 - WP25/14                            |
| rated voltage / rated current / gauge                         | 690 V / 24 A / A3                        |
| rated voltage / rated current / AWG / tightening torque value | 600 V / 20 A (*) / 20-12 AWG / 5.5 lb.in |
| rated impulse withstand voltage / pollution degree            | 400 V / 630 V                            |
| insulation stripping length                                   | 8 KV / 3                                 |
| tightening torque value (test / max)                          | 13                                       |
| height / width / thickness                                    | 0.4 / 0.8                                |
| height / width / thickness                                    | 47 / 40.5 / 5.5                          |
| height / width / thickness                                    | 55 / 40.5 / 5.5                          |
| height / width / thickness                                    | 51 / 40.5 / 5.5                          |

|              |          |              |
|--------------|----------|--------------|
| <b>CBD.4</b> | Cat. No. | <b>CB240</b> |
|--------------|----------|--------------|

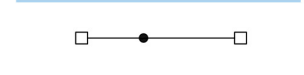
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|--------------------|----------|--------------|
| <b>CBD.4 (Ex)i</b> | Cat. No. | <b>CBX24</b> |
|--------------------|----------|--------------|



|   |   |
|---|---|
| feed-through  | 4   |
| flexible  | 0.5 – 6                                   |
| rigid   | 0.5 – 6                                   |
| max. flexible with ferrule (mm <sup>2</sup> ) - ferrule type  | 4 - WP40/16                               |
| rated voltage / rated current / gauge                         | 1000 V / 32 A / A4                        |
| rated voltage / rated current / AWG / tightening torque value | 600 V / 30 A (**) / 20-10 AWG / 8.9 lb.in |
| rated impulse withstand voltage / pollution degree            | 500 V / 630 V                             |
| insulation stripping length                                   | 12 KV / 3                                 |
| tightening torque value (test / max)                          | 14  |
| height / width / thickness                                    | 0.5 / 1.2                                 |
| height / width / thickness                                    | 52 / 44 / 6.5                             |
| height / width / thickness                                    | 60 / 44 / 6.5                             |
| height / width / thickness                                    | 56 / 44 / 6.5                             |

|              |          |              |
|--------------|----------|--------------|
| <b>CBD.6</b> | Cat. No. | <b>CB340</b> |
|--------------|----------|--------------|

|                    |          |              |
|--------------------|----------|--------------|
| <b>CBD.6 (Ex)i</b> | Cat. No. | <b>CBX34</b> |
|--------------------|----------|--------------|



|   |                                      |
|---|--------------------------------------|
| feed-through  | 6                                    |
| flexible  | 0.5 – 10                             |
| rigid   | 0.5 – 10                             |
| max. flexible with ferrule (mm <sup>2</sup> ) - ferrule type  | 6 - WP60/20                          |
| rated voltage / rated current / gauge                         | 1000 V / 41 A / A5                   |
| rated voltage / rated current / AWG / tightening torque value | 600 V / 50 A / 20-8 AWG / 13.3 lb.in |
| rated impulse withstand voltage / pollution degree            | 500 V / 630 V                        |
| insulation stripping length                                   | 12 KV / 3                            |
| tightening torque value (test / max)                          | 14                                   |
| height / width / thickness                                    | 0.8 / 1.4                            |
| height / width / thickness                                    | 52 / 44 / 8                          |
| height / width / thickness                                    | 60 / 44 / 8                          |
| height / width / thickness                                    | 56 / 44 / 8                          |

### APPROVALS



### ACCESSORIES

|  |                             |
|--|-----------------------------|
| End sections   | beige<br>blue               |
| Permanent cross connection                                     |                             |
| Rated current carrying capacity of jumper (same, Ex e version) | (A)                         |
| Switchable cross connection                                    |                             |
| Multiple common bar  | 250 mm                      |
| Shunting screw and sleeve (same, Ex e version)                 |                             |
| Coloured partition   | red                         |
| Cross connection barrier                                       | red                         |
| Test plug socket   |                             |
| Test plug  |                             |
| Modular test plug  |                             |
| End section for modular test plug                              |                             |
| Numbering strip  |                             |
| Warning plate  | on adjacent terminal blocks |
| Cover for cross-connection                                     |                             |
| Marking tag  | printed or blank            |
| End bracket  |                             |
| Screening lug  |                             |

| Type                                  | Cat. No.      |
|---------------------------------------|---------------|
| <b>CB2/PT</b>                         | CB111         |
| <b>CB2/PT (Ex)i</b>                   | CBX13         |
| <b>PM/20/2</b> poles (pre-assembled)  | PM202         |
| <b>PM/20/3</b> poles (pre-assembled)  | PM203         |
| <b>PM/20/5</b> poles (pre-assembled)  | PM205         |
| <b>PM/20/10</b> poles (pre-assembled) | PM210         |
| <b>24 / (24)</b>                      |               |
| <b>POS/11</b>                         | POS11         |
| <b>PMP/01 /45 poles</b>               | PMP01         |
| <b>CPM/21 (CPX/21)</b>                | CPM21 (CPX21) |
| <b>DFU/1/R</b>                        | DU01R         |
| <b>DFM/600</b>                        | DF600         |
| <b>PSD/D</b>                          | PD004         |
| <b>SDD/1</b>                          | DD001         |
| <b>SDD/5</b>                          | DD005         |
| <b>SD5/PT</b>                         | DD501         |
| -                                     | -             |
| <b>TQM/02</b> on 4                    | TQM02         |
| -                                     | -             |
| <b>PRP/6</b>                          | PRP06         |
| <b>CNU/8/51</b>                       | NU0851        |
| <b>BTU</b> for PR/DIN and PR/3        | BT005         |
| <b>BT/DIN/PO</b> for PR/DIN only      | BT001         |
| <b>BT/3-BTO</b> for PR/3 only         | BT003-BT007   |
| <b>CBD/SH (***)</b>                   | CB009         |

| Type                                  | Cat. No.      |
|---------------------------------------|---------------|
| <b>CB4/6/PT</b>                       | CB241         |
| <b>CB4/6/PT (Ex)i</b>                 | CBX25         |
| <b>PM/40/2</b> poles (pre-assembled)  | PM402         |
| <b>PM/40/3</b> poles (pre-assembled)  | PM403         |
| <b>PM/40/5</b> poles (pre-assembled)  | PM405         |
| <b>PM/40/10</b> poles (pre-assembled) | PM400         |
| <b>32 / (32)</b>                      |               |
| <b>POS/42</b>                         | POS42         |
| <b>PMP/42 /38 poles</b>               | PMP42         |
| <b>CPM/12 (CPX/12)</b>                | CPM12 (CPX12) |
| <b>DFU/4/R</b>                        | DU04R         |
| <b>DFM/600</b>                        | DF600         |
| <b>PSD/A</b>                          | PD001         |
| <b>SDD/1</b>                          | DD001         |
| <b>SDD/6</b>                          | DD006         |
| <b>SD6/PT</b>                         | DD601         |
| -                                     | -             |
| <b>TTM/12</b> on 3 and on 4           | TTM12         |
| -                                     | -             |
| <b>PRP/6</b>                          | PRP06         |
| <b>CNU/8/51</b>                       | NU0851        |
| <b>BTU</b> for PR/DIN and PR/3        | BT005         |
| <b>BT/DIN/PO</b> for PR/DIN only      | BT001         |
| <b>BT/3-BTO</b> for PR/3 only         | BT003-BT007   |
| <b>CBD/SH (***)</b>                   | CB009         |

| Type                                  | Cat. No.      |
|---------------------------------------|---------------|
| <b>CB4/6/PT</b>                       | CB241         |
| <b>CB4/6/PT (Ex)i</b>                 | CBX25         |
| <b>PM/60/2</b> poles (pre-assembled)  | PM602         |
| <b>PM/60/3</b> poles (pre-assembled)  | PM603         |
| <b>PM/60/5</b> poles (pre-assembled)  | PM605         |
| <b>PM/60/10</b> poles (pre-assembled) | PM610         |
| <b>41 / (41)</b>                      |               |
| <b>POS/93</b>                         | POS93         |
| <b>PMP/13 /31 poles</b>               | PMP13         |
| <b>CPM/83 (CPX/83)</b>                | CPM83 (CPX83) |
| <b>DFU/4/R</b>                        | DU04R         |
| <b>DFM/600</b>                        | DF600         |
| <b>PSD/N</b>                          | PD013         |
| <b>SDD/1</b>                          | DD001         |
| -                                     | -             |
| <b>TTM/15</b> on 3                    | TTM15         |
| <b>TQM/15</b> on 4                    | TQM15         |
| <b>PRP/7</b>                          | PRP07         |
| <b>CNU/8/51</b>                       | NU0851        |
| <b>BTU</b> for PR/DIN and PR/3        | BT005         |
| <b>BT/DIN/PO</b> for PR/DIN only      | BT001         |
| <b>BT/3-BTO</b> for PR/3 only         | BT003-BT007   |
| <b>CBD/SH (***)</b>                   | CB009         |