


## CBD Series

- UL94V-0
- universal mounting for both PR/DIN and PR/3 rails which meet the IEC 60715 standard, "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)i circuits (blue)
- maximum continual operating temperature 100°C





(\* if shielded cables are to be connected when using CB/SH screening lug, the rated voltage is reduced to 250 V

### standard version



### (Ex)i version

### 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  /  / rated current	
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

### APPROVALS

### ACCESSORIES

End sections	beige 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, green, white
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	
Mounting rail according to IEC 60715 Std.	
Screening lug	



### CBD.10

Cat. No. **CB440**

### CBD.10 (Ex)i

Cat. No. **CBX45**



feed-through	10
flexible	0.5 – 16
rigid	0.5 – 16
max. flexible with ferrule (mm <sup>2</sup> ) - ferrule type	10 - WP100/21
rated voltage / rated current / gauge	1000 V / 57 A / B6
rated voltage / rated current / AWG / tightening torque value	600 V / 60 A / 20-6 AWG / 13.3 lb.in
(Ex e) rated voltage  /  / rated current	500 V / 630 V / 57 A
rated impulse withstand voltage / pollution degree	12 KV / 3
insulation stripping length	14
tightening torque value (test / max)	1.2 / 1.9
height / width / thickness	55 / 44 / 10
height / width / thickness	63 / 44 / 10



### Type

Type	Cat. No.
<b>CB10/PT</b>	CB431
<b>CB10/PT (Ex)i</b>	CBX44
<b>PM/10/2</b> poles (pre-assembled)	PM102
<b>PM/10/3</b> poles (pre-assembled)	PM103
<b>PM/10/5</b> poles (pre-assembled)	PM105
<b>PM/10/10</b> poles (pre-assembled)	PM100
<b>57 / (57)</b>	
<b>POS/44</b>	POS44
<b>PMP/04 /25</b> poles	PMP04
<b>CPM/03 (CPX/03)</b>	CPM03 (CPX03)
<b>DFU/4</b>	DU04..
<b>DFM/700</b>	DF700
<b>PSD/B</b>	PD002
<b>SDD/2</b>	DD002
-	-
-	-
-	-
<b>TTM/04</b> on 3	TTM04
<b>TQM/04</b> on 4	TQM04
<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>PR/DIN/AC</b> in steel	PR001
<b>PR/DIN/AS</b> same with slots	PR004
<b>PR/DIN/AL</b> of aluminium	PR002
<b>PR/3/AC</b> of steel	PR003
<b>PR/3/AS</b> same with slots	PR005
<b>CBD/SH</b> (*)	CB009



### CBD.16

Cat. No. **CB510**

### CBD.16 (Ex)i

Cat. No. **CBX52**



feed-through	16
flexible	0.5 – 25
rigid	0.5 – 25
max. flexible with ferrule (mm <sup>2</sup> ) - ferrule type	16 - WP160/22
rated voltage / rated current / gauge	1000 V / 76 A / B7
rated voltage / rated current / AWG / tightening torque value	600 V / 100 A / 20-3 AWG / 19.9 lb.in
(Ex e) rated voltage  /  / rated current	630 V / 630 V / 76 A
rated impulse withstand voltage / pollution degree	12 KV / 3
insulation stripping length	18
tightening torque value (test / max)	1.8 / 3
height / width / thickness	57 / 47 / 12
height / width / thickness	65 / 47 / 12



### Type

Type	Cat. No.
<b>CB16/PT</b>	CB511
<b>CB16/PT (Ex)i</b>	CBX53
<b>POF/44 (PFX/44)</b>	POF44 (PFX44)
(same, Ex e version)	
<b>76 / (76)</b>	
<b>POS/44</b>	POS44
<b>PMP/05 /21</b> poles	PMP05
<b>CPM/44 (CPX/44)</b>	CPM44 (CPX44)
<b>DFU/4</b>	DU04..
<b>DFM/700</b>	DF700
<b>PSD/B</b>	PD002
<b>SDD/2</b>	DD002
-	-
-	-
-	-
<b>TUM/05</b> on 3 and on 4	TUM05
-	-
<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>PR/DIN/AC</b> in steel	PR001
<b>PR/DIN/AS</b> same with slots	PR004
<b>PR/DIN/AL</b> of aluminium	PR002
<b>PR/3/AC</b> of steel	PR003
<b>PR/3/AS</b> same with slots	PR005
-	-



### CBD.35

Cat. No. **CB610**

### CBD.35 (Ex)i

Cat. No. **CBX62**



feed-through	35
flexible	0.5 – 35
rigid	0.5 – 50
max. flexible with ferrule (mm <sup>2</sup> ) - ferrule type	35 - WP350/30
rated voltage / rated current / gauge	1000 V / 125 A / B8
rated voltage / rated current / AWG / tightening torque value	600 V / 125 A / 16 – 1 AWG / 22.1 lb.in
(Ex e) rated voltage  /  / rated current	630 V / 630 V / 125 A
rated impulse withstand voltage / pollution degree	12 KV / 3
insulation stripping length	20
tightening torque value (test / max)	2 / 3.5
height / width / thickness	60 / 52 / 16
height / width / thickness	68 / 52 / 16



### Type

Type	Cat. No.
<b>CB35/PT</b>	CB611
<b>CB35/PT (Ex)i</b>	CBX63
<b>POF/06 (PFX/06)</b>	POF06 (PFX06)
(same, Ex e version)	
<b>125 / (125)</b>	
<b>POS/66</b>	POS66
<b>PMP/06 /16</b> poles	PMP06
<b>CPM/06 (CPX/06)</b>	CPM06 (CPX06)
<b>DFU/5</b>	DU05..
<b>DFM/700</b>	DF700
<b>PSD/B</b>	PD002
<b>SDD/2</b>	DD002
-	-
-	-
-	-
<b>TUM/06</b> on 3 and on 4	TUM06
-	-
<b>PRP/8</b>	PRP08
<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>PR/DIN/AC</b> in steel	PR001
<b>PR/DIN/AS</b> same with slots	PR004
<b>PR/DIN/AL</b> of aluminium	PR002
<b>PR/3/AC</b> of steel	PR003
<b>PR/3/AS</b> same with slots	PR005
-	-