

# 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 standard beige and grey version or in a version appropriate for use with "intrinsically safe" (Ex)i circuits (blue)
- maximum continual operating temperature 100°C



(\*): 150 A factory wiring only

<b>standard version</b>
<b>grey version</b>
<b>(Ex)i version</b>

## TECHNICAL CHARACTERISTICS

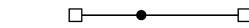
function/type	
rated cross-section	(mm <sup>2</sup> )
connecting capacity	
flexible	(mm <sup>2</sup> )
rigid	(mm <sup>2</sup> )
max. flexible with ferrule (mm) - ferrule type	
rated voltage / rated current / gauge conf. to IEC 60947-7-1	
rated voltage / rated current / AWG / tightening torque value UL	
(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
height / width / thickness	G32

## APPROVALS

## ACCESSORIES

End sections	beige grey blue
Permanent cross connection (same, Ex e version)	
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	

<b>CBD.50</b>	Cat. No. <b>CB710</b>
<b>CBD.50/GR</b>	Cat. No. <b>CB710GR</b>
<b>CBD.50 (Ex)i</b>	Cat. No. <b>CBX72</b>

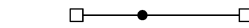


feed-through	50
flexible	1.5 – 50
rigid	1 – 70
max. flexible with ferrule (mm) - ferrule type	50 - WP500/40
rated voltage / rated current / gauge	1000 V / 150 A / B9
rated voltage / rated current / AWG / tightening torque value UL	600 V / 130 A (*) / 16-1 AWG / 33.2 lb.in.
(Ex e) rated voltage  /  / rated current	630 V / 630 V / 150 A
rated impulse withstand voltage / pollution degree	12 KV / 3
insulation stripping length	22
tightening torque value (test / max)	2.5 / 5
height / width / thickness	62 / 57 / 18
height / width / thickness	70 / 57 / 18
height / width / thickness	66 / 57 / 18



Type	Cat. No.
<b>CB50/PT</b>	CB711
<b>CB50/PT/GR</b>	CB711GR
<b>CB50/PT (Ex)i</b>	CBX73
<b>POF/07 (PFX/07)</b>	POF07 (PFX07)
<b>150 / (150)</b>	
<b>POS/77</b>	POS77
<b>PMP/07 /14 poles</b>	PMP07
<b>CPM/07 (CPX/07)</b>	CPM07 (CPX07)
<b>DFU/5</b>	DU05..
<b>DFM/700</b>	DF700
<b>PSD/C</b>	PD003
<b>SDD/2</b>	DD002
-	-
-	-
-	-
<b>TUM/07</b> on 3 and on 4	TUM07
-	-
<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
-	-

<b>CBD.70</b>	Cat. No. <b>CB810</b>
<b>CBD.70/GR</b>	Cat. No. <b>CB810GR</b>
<b>CBD.70 (Ex)i</b>	Cat. No. <b>CBX82</b>



feed-through	70
flexible	1.5 – 95
rigid	1 – 95
max. flexible with ferrule (mm) - ferrule type	-
rated voltage / rated current / gauge	1000 V / 192 A / B11
rated voltage / rated current / AWG / tightening torque value UL	600 V / 220 A / 12 - 4/0 AWG / 50 lb.in.
(Ex e) rated voltage  /  / rated current	630 V / 630 V / 173 A
rated impulse withstand voltage / pollution degree	12 KV / 3
insulation stripping length	26
tightening torque value (test / max)	3 / 8
height / width / thickness	71 / 62 / 20.5
height / width / thickness	79 / 62 / 20.5
height / width / thickness	75 / 62 / 20.5



Type	Cat. No.
<b>CB70/PT</b>	CB811
<b>CB70/PT/GR</b>	CB811GR
<b>CB70/PT (Ex)i</b>	CBX83
<b>POF/08 (PFX/08)</b>	POF08 (PFX08)
<b>192 / (155)</b>	
<b>POS/08</b>	POS08
<b>PMP/08 /12 poles</b>	PMP08
<b>CPM/08 (CPX/08)</b>	CPM08 (CPX08)
<b>DFU/6</b>	DU06..
<b>DFM/700</b>	DF700
<b>PSD/C</b>	PD003
<b>SDD/2</b>	DD002
-	-
-	-
-	-
<b>TUM/08</b> on 3 and on 4	TUM08
-	-
<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
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