

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 ²)
connecting capacity	
flexible	(mm ²)
rigid	(mm ²)
max. flexible with ferrule (mm ²) - 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

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 ²) - 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	500 V / 630 V
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	Cat. No.
CB10/PT	CB431
CB10/PT (Ex)i	CBX44
PM10/2 poles (pre-assembled)	PM102
PM10/3 poles (pre-assembled)	PM103
PM10/5 poles (pre-assembled)	PM105
PM10/10 poles (pre-assembled)	PM100
57 / (57)	
POS/44	POS44
PMP/04 /25 poles	PMP04
CPM/03 (CPX/03)	CPM03 (CPX03)
DFU/4	DU04..
DFM/700	DF700
PSD/B	PD002
SDD/2	DD002
-	-
-	-
-	-
TTM/04 on 3	TTM04
TQM/04 on 4	TQM04
PRP/7	PRP07
CNU/8/51	NU0851
BTU for PR/DIN and PR/3	BT005
BT/DIN/PO for PR/DIN only	BT001
BT/3-BTO for PR/3 only	BT003-BT007
PR/DIN/AC in steel	PRO01
PR/DIN/AS same with slots	PRO04
PR/DIN/AL of aluminium	PRO02
PR/3/AC of steel	PRO03
PR/3/AS same with slots	PRO05
CBD/SH (*)	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 ²) - 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	630 V / 630 V
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	Cat. No.
CB16/PT	CB511
CB16/PT (Ex)i	CBX53
POF/44 (PFX/44)	POF44 (PFX44)
(same, Ex e version)	
76 / (76)	
POS/44	POS44
PMP/05 /21 poles	PMP05
CPM/44 (CPX/44)	CPM44 (CPX44)
DFU/4	DU04..
DFM/700	DF700
PSD/B	PD002
SDD/2	DD002
-	-
-	-
-	-
TUM/05 on 3 and on 4	TUM05
-	-
PRP/7	PRP07
CNU/8/51	NU0851
BTU for PR/DIN and PR/3	BT005
BT/DIN/PO for PR/DIN only	BT001
BT/3-BTO for PR/3 only	BT003-BT007
PR/DIN/AC in steel	PRO01
PR/DIN/AS same with slots	PRO04
PR/DIN/AL of aluminium	PRO02
PR/3/AC of steel	PRO03
PR/3/AS same with slots	PRO05
-	-

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 ²) - 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	630 V / 630 V
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	Cat. No.
CB35/PT	CB611
CB35/PT (Ex)i	CBX63
POF/06 (PFX/06)	POF06 (PFX06)
(same, Ex e version)	
125 / (125)	
POS/66	POS66
PMP/06 /16 poles	PMP06
CPM/06 (CPX/06)	CPM06 (CPX06)
DFU/5	DU05..
DFM/700	DF700
PSD/B	PD002
SDD/2	DD002
-	-
-	-
-	-
TUM/06 on 3 and on 4	TUM06
-	-
PRP/8	PRP08
CNU/8/51	NU0851
BTU for PR/DIN and PR/3	BT005
BT/DIN/PO for PR/DIN only	BT001
BT/3-BTO for PR/3 only	BT003-BT007
PR/DIN/AC in steel	PRO01
PR/DIN/AS same with slots	PRO04
PR/DIN/AL of aluminium	PRO02
PR/3/AC of steel	PRO03
PR/3/AS same with slots	PRO05
-	-