

CBD Series

with UL94V-0 polyamide insulating body

- UL94V-0
- universal mounting onto both PR/DIN and PR/3 type rails - according to IEC 60715 Std., "G32" and "TH/35" types
- **CESI 01 ATEX 090 U** Ex e certificate
I M2 / II 2 G D operating temperature range:
-40 ÷ +80 °C
- **CoC IEC Ex CES 09.0009U** Ex e II
- when rail assemblies are to be manufactured for potentially explosive environments (Ex e) please refer to the instructions given on page A14
- available in standard (beige RAL 1001 colour) or (Ex) i "intrinsic safety" circuits (blue RAL 5015 colour)



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

beige version	CBD.10	CBD.16	CBD.35
	Cat. No. CB440	Cat. No. CB510	Cat. No. CB610
(Ex)i version	CBD.10 (Ex)i	CBD.16 (Ex)i	CBD.35 (Ex)i
	Cat. No. CBX45	Cat. No. CBX52	Cat. No. CBX62
TECHNICAL CHARACTERISTICS			
function / type	feed-through	feed-through	feed-through
rated cross-section (mm²)	10	16	35
connecting capacity			
flexible (mm²)	0,5 ÷ 16	0,5 ÷ 25	0,5 ÷ 35
rigid (mm²)	0,5 ÷ 16	0,5 ÷ 25	0,5 ÷ 50
max. flexible with ferrule (mm²)-ferrule type	10 - WP100/21	16 - WP160/22	35 - WP350/30
rated voltage / rated current / gauge conf. to IEC 60947-7-1	800 V / 57 A / B6	800 V / 76 A / B7	800 V / 125 A / B8
rated voltage / rated current / AWG / tightening torque value UL	600 V / 60 A / 20-6 AWG / 13,3 lb.in	600 V / 100 A / 20-3 AWG / 19,9 lb.in	600 V / 125 A / 16 ÷ 1 AWG / 22,1 lb.in
(Ex e) rated voltage / (V)	500 V / 630 V	630 V / 630 V	630 V / 630 V
rated impulse withstand voltage / pollution degree	8 kV / 3	8 kV / 3	8 kV / 3
insulation stripping length (mm)	14	18	20
tightening torque value (test / max) (Nm)	1,2 / 1,9	1,8 / 3	2 / 3,5
height / width / thickness TH/35 7,5 mm	55 / 44 / 10	57 / 47 / 12	60 / 52 / 16
height / width / thickness TH/35 15 mm	63 / 44 / 10	65 / 47 / 12	68 / 52 / 16
height / width / thickness G32	59 / 44 / 10	61 / 47 / 12	64 / 52 / 16
IEC Ex pending			
APPROVALS			
ACCESSORIES	Type	Type	Type
End sections beige	CB10/PT CB431	CB16/PT CB511	CB35/PT CB611
blue	CB10/PT (Ex)i CBX44	CB16/PT (Ex)i CBX53	CB35/PT (Ex)i CBX63
Permanent cross connection	PM/10/2 poles (pre-assembled) PM102	POF/44 (PFX/44) POF44 (PFX44)	POF/06 (PFX/06) POF06 (PFX06)
	PM/10/3 poles (pre-assembled) PM103	(same, Ex e version)	(same, Ex e version)
	PM/10/5 poles (pre-assembled) PM105		
	PM/10/10 poles (pre-assembled) PM100		
Rated current carrying capacity of jumper (same, Ex e version) (A)	57 / (57)	76 / (76)	125 / (125)
Switchable cross connection	POS/44 POS44	POS/44 POS44	POS/66 POS66
Multiple common bar 250 mm	PMP/04 PMP04	PMP/05 PMP05	PMP/06 PMP06
Shunting screw and sleeve (same, Ex e version)	CPM/03 (CPX/03) CPM03 (CPX03)	CPM/44 (CPX/44) CPM44 (CPX44)	CPM/06 (CPX/06) CPM06 (CPX06)
Coloured partition red, green, white	DFU/4 DU04..	DFU/4 DU04..	DFU/5 DU05..
Cross connection barrier red	DFM/700 DF700	DFM/700 DF700	DFM/700 DF700
Test plug socket	PSD/B PD002	PSD/B PD002	PSD/B PD002
Test plug	SDD/2 DD002	SDD/2 DD002	SDD/2 DD002
Modular test plug	-	-	-
End section for modular test plug	-	-	-
Numbering strip	-	-	-
Warning plate on adjacent terminal blocks	TTM/04 on 3 TTM04	TUM/05 on 3 and on 4 TUM05	TUM/06 on 3 and on 4 TUM06
	TQM/04 on 4 TQM04	-	-
Cover for cross-connection	PRP/7 PRP07	PRP/7 PRP07	PRP/8 PRP08
Marking tag printed or blank	CNU/8/51 NU0851	CNU/8/51 NU0851	CNU/8/51 NU0851
End bracket	BTU for PR/DIN and PR/3 BT005	BTU for PR/DIN and PR/3 BT005	BTU for PR/DIN and PR/3 BT005
	BT/DIN/PO for PR/DIN only BT001	BT/DIN/AS for PR/DIN only BT001	BT/DIN/PO for PR/DIN only BT001
	BT/3-BTO for PR/3 only BT003-BT007	BT/3-BTO for PR/3 only BT003-BT007	BT/3-BTO for PR/3 only BT003-BT007
Mounting rail according to IEC 60715 Std.	PR/DIN/AC of steel PR001	PR/DIN/AC of steel PR001	PR/DIN/AC of steel PR001
	PR/DIN/AS same with slots PR004	PR/DIN/AS same with slots PR004	PR/DIN/AS same with slots PR004
	PR/DIN/AL of aluminium PR002	PR/DIN/AL of aluminium PR002	PR/DIN/AL of aluminium PR002
	PR/3/AC of steel PR003	PR/3/AC of steel PR003	PR/3/AC of steel PR003
	PR/3/AS same with slots PR005	PR/3/AS same with slots PR005	PR/3/AS same with slots PR005
Screening lug	CBD/SH (*) CB009	-	-