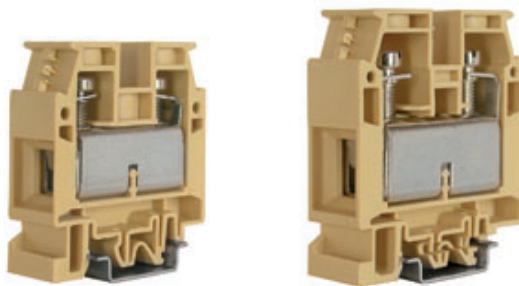


CBD Series

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)



(*): 150 A factory wiring only

beige version		CBD.50		CBD.70	
		Cat. No.	CB710	Cat. No.	CB810
(Ex)i version		CBD.50 (Ex)i		CBD.70 (Ex)i	
		Cat. No.	CBX72	Cat. No.	CBX82
TECHNICAL CHARACTERISTICS					
function / type		feed-through		feed-through	
rated cross-section (mm²)		50		70	
connecting capacity		1,5 ÷ 50		1,5 ÷ 95	
flexible (mm²)		1 ÷ 70		1 ÷ 95	
rigid (mm²)		50 - WP500/40		-	
max. flexible with ferrule (mm²)-ferrule type		800 V / 150 A / B9		800 V / 192 A / B11	
rated voltage / rated current / gauge conf. to IEC 60947-7-1		600 V / 130 A (*) / 16-1 AWG / 33,2 lb.in.		600 V / 220 A / 12 - 4/0 AWG / 50 lb. in.	
rated voltage / rated current / AWG / tightening torque value UL		630 V / 630 V		630 V / 630 V	
(Ex e) rated voltage  /  (V)		8 kV / 3		8 kV / 3	
rated impulse withstand voltage / pollution degree		22		26	
insulation stripping length (mm)		2,5 / 5		3 / 8	
tightening torque value (test / max) (Nm)		62 / 57 / 18		71 / 62 / 20,5	
height / width / thickness  TH/35 7,5 mm		70 / 57 / 18		79 / 62 / 20,5	
height / width / thickness  TH/35 15 mm		66 / 57 / 18		75 / 62 / 20,5	
height / width / thickness  G32					
APPROVALS		     		     	
ACCESSORIES		Type Cat. No.		Type Cat. No.	
End sections	beige blue	CB50/PT	CB711	CB70/PT	CB811
Permanent cross connection (same, Ex e version)		CB50/PT (Ex)i	CBX73	CB70/PT (Ex)i	CBX83
Rated current carrying capacity of jumper (same, Ex e version) (A)		POF/07 (PFX/07)	POF07 (PFX07)	POF/08 (PFX/08)	POF08 (PFX08)
Switchable cross connection		150 / (150)		192 / (155)	
Multiple common bar	250 mm	POS/77	POS77	POS/08	POS08
Shunting screw and sleeve (same, Ex e version)		PMP/07	PMP07	PMP/08	PMP08
Coloured partition	red, green, white	CPM/07 (CPX/07)	CPM07 (CPX07)	CPM/08 (CPX/08)	CPM08 (CPX08)
Cross connection barrier	red	DFU/5	DU05..	DFU/6	DU06..
Test plug socket		DFM/700	DF700	DFM/700	DF700
Test plug		PSD/C	PD003	PSD/C	PD003
Modular test plug		SDD/2	DD002	SDD/2	DD002
End section for modular test plug		-	-	-	-
Numbering strip		-	-	-	-
Warning plate	on adjacent terminal blocks	TUM/07 on 3 and on 4	TUM07	TUM/08 on 3 and on 4	TUM08
Cover for cross-connection		-	-	-	-
Marking tag	printed or blank	PRP/8	PRP08	PRP/8	PRP08
		CNU/8/51	NU0851	CNU/8/51	NU0851
		CSC	CS...	CSC	CS...
		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/PO for PR/DIN only	BT001
		BT/3-BTO for PR/3 only	BT003-BT007	BT/3-BTO for PR/3 only	BT003-BT007
		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/AL of aluminium	PR002	PR/DIN/AL of aluminium	PR002
		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
Mounting rail according to IEC 60715 Std.		-	-	-	-
Screening lug		-	-	-	-