


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
- 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) versions



(*): 25 A factory wiring only

(**): 32 A factory wiring only

(***) if shielded cables are to be connected, when using CB/SH screening lug, the rated voltage is reduced to 200 V

beige 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 / recommended)	(Nm)
height / width / thickness	TH/35 7,5 mm
height / width / thickness	TH/35 15 mm
height / width / thickness	G32

CBD.2		Cat. No.	CB110
CBD.2 (Ex)i		Cat. No.	CBX12
feed-through			
rated cross-section	2,5		
connecting capacity			
flexible	0,5 ÷ 4		
rigid	0,5 ÷ 4		
max. flexible with ferrule (mm ²)-ferrule type	2,5 - WP25/14		
rated voltage / rated current / gauge	800 V / 24 A / A3		
rated voltage / rated current / AWG / tightening torque value	600 V / 20 A (*) / 20-12 AWG / 5,5 lb.in		
(Ex e) rated voltage	500 V / 630 V		
rated impulse withstand voltage / pollution degree	8 KV / 3		
insulation stripping length	13		
tightening torque value (test / recommended)	0,4 / 0,8		
height / width / thickness	47 / 40,5 / 5,5		
height / width / thickness	55 / 40,5 / 5,5		
height / width / thickness	51 / 40,5 / 5,5		

CBD.4		Cat. No.	CB240
CBD.4 (Ex)i		Cat. No.	CBX24
feed-through			
rated cross-section	4		
connecting capacity			
flexible	0,5 ÷ 6		
rigid	0,5 ÷ 6		
max. flexible with ferrule (mm ²)-ferrule type	4 - WP40/16		
rated voltage / rated current / gauge	800 V / 32 A / A4		
rated voltage / rated current / AWG / tightening torque value	600 V / 30 A (**) / 20-10 AWG / 8,9 lb.in		
(Ex e) rated voltage	500 V / 630 V		
rated impulse withstand voltage / pollution degree	8 KV / 3		
insulation stripping length	14		
tightening torque value (test / recommended)	0,5 / 1,2		
height / width / thickness	52 / 44 / 6,5		
height / width / thickness	60 / 44 / 6,5		
height / width / thickness	56 / 44 / 6,5		

CBD.6		Cat. No.	CB340
CBD.6 (Ex)i		Cat. No.	CBX34
feed-through			
rated cross-section	6		
connecting capacity			
flexible	0,5 ÷ 10		
rigid	0,5 ÷ 10		
max. flexible with ferrule (mm ²)-ferrule type	6 - WP60/20		
rated voltage / rated current / gauge	800 V / 41 A / A5		
rated voltage / rated current / AWG / tightening torque value	600 V / 50 A / 20-8 AWG / 13,3 lb.in.		
(Ex e) rated voltage	500 V / 630 V		
rated impulse withstand voltage / pollution degree	8 KV / 3		
insulation stripping length	14		
tightening torque value (test / recommended)	0,8 / 1,4		
height / width / thickness	52 / 44 / 8		
height / width / thickness	60 / 44 / 8		
height / width / thickness	56 / 44 / 8		



APPROVALS



IEC Ex pending

IEC Ex pending

IEC Ex pending

ACCESSORIES	
End sections	beige blue
Permanent cross connection	
Rated current carrying capacity of jumper	(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	

Type	Cat. No.
CB2/PT	CB111
CB2/PT (Ex)i	CBX13
PM/20/2 poles (pre-assembled)	PM202
PM/20/3 poles (pre-assembled)	PM203
PM/20/5 poles (pre-assembled)	PM205
PM/20/10 poles (pre-assembled)	PM210
24	
POS/11	POS11
PMP/01	PMP01
CPM/21 (CPX/21)	CPM21 (CPX21)
DFU/1	DU01..
DFM/600	DF600
PSD/D	PD004
SDD/1	DD001
SDD/5	DD005
SD5/PT	DD501
SNZ/5	SN001
TQM/02 su 4	TQM02
-	
PRP/6	PRP06
CNU/8-CSC	NU...-CS...
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 of 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
CB/SH (*)	CB009

Type	Cat. No.
CB4/6/PT	CB241
CB4/6/PT (Ex)i	CBX25
PM/40/2 poles (pre-assembled)	PM402
PM/40/3 poles (pre-assembled)	PM403
PM/40/5 poles (pre-assembled)	PM405
PM/40/10 poles (pre-assembled)	PM400
32	
POS/42	POS42
PMP/42	PMP42
CPM/12 (CPX/12)	CPM12 (CPX12)
DFU/4	DU04..
DFM/600	DF600
PSD/A	PD001
SDD/1	DD001
SDD/6	DD006
SD6/PT	DD601
SNZ/65	SN006
TQM/12 su 3 e su 4	TTM12
-	
PRP/6	PRP06
CNU/8-CSC	NU...-CS...
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 of 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
CB/SH (*)	CB009

Type	Cat. No.
CB4/6/PT	CB241
CB4/6/PT (Ex)i	CBX25
PM/60/2 poles (pre-assembled)	PM602
PM/60/3 poles (pre-assembled)	PM603
PM/60/5 poles (pre-assembled)	PM605
PM/60/10 poles (pre-assembled)	PM610
41	
POS/93	POS93
PMP/13	PMP13
CPM/83 (CPX/83)	CPM83 (CPX83)
DFU/4	DU04..
DFM/600	DF600
PSD/N	PD013
SDD/1	DD001
-	
SNZ/8	SN004
TTM/15 su 3	TTM15
TQM/15 su 4	TQM15
PRP/7	PRP07
CNU/8-CSC	NU...-CS...
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 of 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
CB/SH (*)	CB009