


DIN Rail Mounted Feed-Thru Terminal Block, Screw Clamp

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



(*): 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

standard version

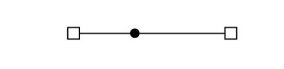
(Ex)i version

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  /  / 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	

CBD.2	Cat. No.	CB110
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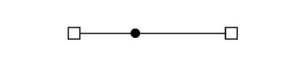
CBD.2 (Ex)i	Cat. No.	CBX12
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feed-through	2.5
0.5 – 4	
0.5 – 4	
2.5 - WP25/14	
690 V / 24 A / A3	
600 V / 20 A (*) / 20-12 AWG / 5.5 lb.in	
400 V / 630 V / 24 A	
8 KV / 3	
13	
0.4 / 0.8	
47 / 40.5 / 5.5	
55 / 40.5 / 5.5	
51 / 40.5 / 5.5	

CBD.4	Cat. No.	CB240
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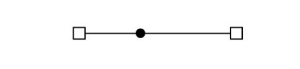
CBD.4 (Ex)i	Cat. No.	CBX24
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feed-through	4
0.5 – 6	
0.5 – 6	
4 - WP40/16	
1000 V / 32 A / A4	
600 V / 30 A (**) / 20-10 AWG / 8.9 lb.in	
500 V / 630 V / 32 A	
12 KV / 3	
14	
0.5 / 1.2	
52 / 44 / 6.5	
60 / 44 / 6.5	
56 / 44 / 6.5	

CBD.6	Cat. No.	CB340
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CBD.6 (Ex)i	Cat. No.	CBX34
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feed-through	6
0.5 – 10	
0.5 – 10	
6 - WP60/20	
1000 V / 41 A / A5	
600 V / 50 A / 20-8 AWG / 13.3 lb.in.	
500 V / 630 V / 41 A	
12 KV / 3	
14	
0.8 / 1.4	
52 / 44 / 8	
60 / 44 / 8	
56 / 44 / 8	

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
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	
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 / (24)	
POS/11	POS11
PMP/01 /45 poles	PMP01
CPM/21 (CPX/21)	CPM21 (CPX21)
DFU/1/R	DU01R
DFM/600	DF600
PSD/D	PD004
SDD/1	DD001
SDD/5	DD005
SD5/PT	DD501
-	-
TQM/02 on 4	TQM02
-	-
PRP/6	PRP06
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
CBD/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 / (32)	
POS/42	POS42
PMP/42 /38 poles	PMP42
CPM/12 (CPX/12)	CPM12 (CPX12)
DFU/4/R	DU04R
DFM/600	DF600
PSD/A	PD001
SDD/1	DD001
SDD/6	DD006
SD6/PT	DD601
-	-
TTM/12 on 3 and on 4	TTM12
-	-
PRP/6	PRP06
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
CBD/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 / (41)	
POS/93	POS93
PMP/13 /31 poles	PMP13
CPM/83 (CPX/83)	CPM83 (CPX83)
DFU/4/R	DU04R
DFM/600	DF600
PSD/N	PD013
SDD/1	DD001
-	-
-	-
TTM/15 on 3	TTM15
TQM/15 on 4	TQM15
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
CBD/SH (***)	CB009