

CBC Series

- insulating body UL94V-0
- reduced overall dimensions
- double possibility of inserting multi-pole PTC cross connections, with no need for additional insulating covers, thanks to the patented "Easy Bridge" (PTC) system and to the new "Easy Bridge Plus" (PTP)
- mounting on PR/3 rails according IEC 60715, TH/35 type
- available in grey and blue For other available colours refer to the single versions
- nominal voltage 1000 V
- certificate **CESI 08 ATEX 061 U Ex e** I M2 / II 2 G D temperature range of use: -40 – +80°C
- **CoC IEC Ex CES 09.0002U Ex e II**
- maximum continual operating temperature 100°C



(*): 24 A factory wiring only
(**): 32 A factory wiring only

The suffix **/GR** identifies the grey version.
The figures in brackets refer to Ex e application.

For the isolation values with cross connections refer to the table on page 131

grey version
(Ex)i version

TECHNICAL CHARACTERISTICS

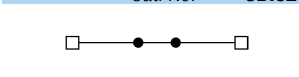
function/type	
rated cross-section	(mm ²)
connecting capacity	
flexible	(mm ²)
rigid	(mm ²)
max. flexible with ferrule (mm ²) - ferrule type	
rated voltage / rated current / gauge	conf. to IEC 60947-7-1
rated voltage / rated current / AWG / tightening torque value	UL
max current (*)	
(Ex e) rated voltage / / 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

APPROVALS

ACCESSORIES

End sections	grey blue
"Easy Bridge" (PTC) cross connection (intrinsically IPXXB protected once mounted)	
Available also in coloured version (PTP)	
Ref. p. 130	
Rated current carrying capacity of jumper (same, Ex e version)	(A)
Green	PTC
Switchable cross connection	
Multiple common bar	250 mm
Shunting screw and sleeve	
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	

CBC.2/GR	Cat. No. CBC02GR
CBC.2 (Ex)i	Cat. No. CBIO2



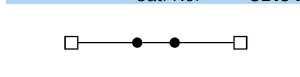
feed-through	2.5
	0.2 – 4
	0.2 – 4
	2.5 - WP25/14
	1000 V / 32 A (4 mm ²) / A3
	600 V / 20 A (*) / 20-12 AWG / 0.4 Nm
	27 A (2.5 mm ²) / 37 A (4 mm ²)
	500 V / 24 A
	12 KV / 3
	9
	0.4 / 0.8
	52 / 44 / 5
	60 / 44 / 5



Type	Cat. No.
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CBC.2-10/PT/GR	CB061GR
CBC.2-10/PT (Ex)i	CBIO61
PTC/2/02 poles	PTC0202
PTC/2/03 poles	PTC0203
PTC/2/05 poles	PTC0205
PTC/2/10 poles	PTC0210
PTC/2/00 (50 poles)	PTC0200
24 / (21)	
PTC/SP	PTC0990
-	
DFU/4/R	DU04R
DFM/800 - DFM/900	DF800-900
-	
SDC/5 - SDC/5P	DC005-DC05P
SDC/POL	DCPOL
-	
CNU/8/51	NU0851
PRP/7/G (100 mm)	PRP070G
-	
CNU/8/51	NU0851
BTU for PR/DIN and PR/3	BT005
BTO for PR/3 only	BT007
BT/3 for PR/3 only	BT003

CBC.4/GR	Cat. No. CBC04GR
CBC.4 (Ex)i	Cat. No. CBIO4



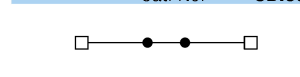
feed-through	4
	0.2 – 6
	0.2 – 6
	4 - WP40/16
	1000 V / 41 A (6 mm ²) / A4
	600 V / 30 A (**) / 20-10 AWG / 0.5 Nm
	38 A (4 mm ²) / 45 A (6 mm ²)
	500 V / 32 A
	12 KV / 3
	10
	0.5 / 1.2
	52 / 44 / 6
	60 / 44 / 6



Type	Cat. No.
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CBC.2-10/PT/GR	CB061GR
CBC.2-10/PT (Ex)i	CBIO61
PTC/4/02 poles	PTC0402
PTC/4/03 poles	PTC0403
PTC/4/05 poles	PTC0405
PTC/4/10 poles	PTC0410
PTC/4/00 (42 poles)	PTC0400
32 / (25)	
PTC/SP	PTC0990
-	
DFU/4/R	DU04R
DFM/800 - DFM/900	DF800-900
-	
SDC/6 - SDC/6P	DC006-DC06P
SDC/POL	DCPOL
-	
CNU/8/61	NU0861
PRP/7/G (100 mm)	PRP070G
-	
CNU/8/61	NU0861
BTU for PR/DIN and PR/3	BT005
BTO for PR/3 only	BT007
BT/3 for PR/3 only	BT003

CBC.6/GR	Cat. No. CBC06GR
CBC.6 (Ex)i	Cat. No. CBIO6



feed-through	6
	0.2 – 10
	0.2 – 10
	6 - WP60/20
	1000 V / 57 A (10 mm ²) / A5
	600 V / 50 A / 20-8 AWG / 1.7 Nm
	53 A (6 mm ²) / 64 A (10 mm ²)
	500 V / 41 A
	8 KV / 3
	10
	0.8 / 1.4
	52 / 44 / 8
	60 / 44 / 8



Type	Cat. No.
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CBC.2-10/PT/GR	CB061GR
CBC.2-10/PT (Ex)i	CBIO61
PTC/6/02 poles	PTC0602
PTC/6/03 poles	PTC0603
PTC/6/05 poles	PTC0605
PTC/6/10 poles	PTC0610
PTC/6/00 (31 poles)	PTC0600
41 / (35)	
PTC/SP	PTC0990
-	
DFU/4/R	DU04R
DFM/800 - DFM/900	DF800-900
-	
SDC/6 - SDC/6P	DC006-DC06P
SDC/POL	DCPOL
-	
CNU/8/51	NU0851
PRP/7/G (100 mm)	PRP070G
-	
CNU/8/51	NU0851
BTU for PR/DIN and PR/3	BT005
BTO for PR/3 only	BT007
BT/3 for PR/3 only	BT003