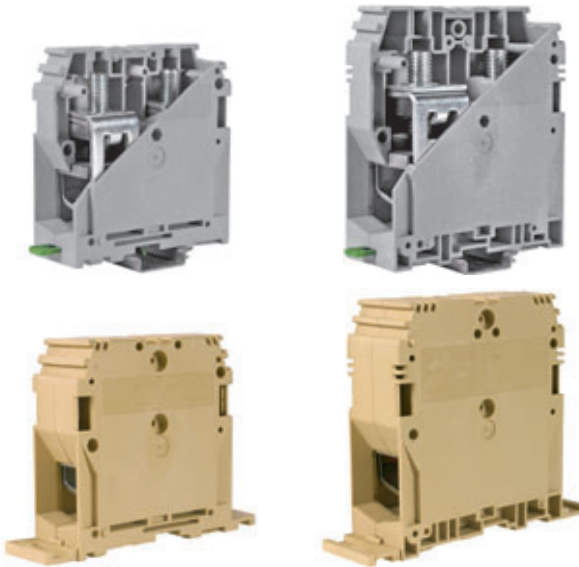


GPA Series power terminal blocks

with UL94V-0 polyamide insulating body

- mounting onto both PR/DIN and PR/3 type rails - according to IEC 60715 Std., "G32" and "TH/35" types
- panel mount version available - M6 screw (screw with groove for screwdriver and washer recommended)
- possibility to obtain compactness of the resulting rail assembly by means of an M3 threaded rod
- possibility to perform parallel cross-connections
- available in beige RAL 1001 colour



grey version

beige version

grey panel-mount version

beige panel-mount version

TECHNICAL CHARACTERISTICS

function / type	
rated cross-section	(mm ²)
connecting capacity	
flexible	(mm ²)
rigid	(mm ²)
bars and/or cable lugs	
rated voltage / rated current / gauge	conf. to IEC 60947-7-1
rated voltage / rated current / AWG / tightening torque value	UL
rated impulse withstand voltage / pollution degree	
insulation stripping length	(mm)
tightening torque value - bar (test / recommended)	(Nm)
tightening torque value - cable (test / recommended)	(Nm)
height / width / thickness	TH/35 7,5 mm
height / width / thickness	TH/35 15 mm
height / width / thickness	G32
height / width (fixing distance between centres) / thickness (panel mount)	

APPROVALS

ACCESSORIES

End sections	grey beige
Permanent cross connection	
Rated current carrying capacity of jumper	(A)
Multiple common bar	250 mm
Shunting screw and sleeve	
Coloured partition	red, green, white
Cross connection barrier	red
Test plug socket	
Test plug	
Numbering strip	
Cover for cross-connection	
Mounting rail support	flat for PR/DIN and PR/3 sloped for PR/DIN and PR/3
Marking tag	printed or blank
End bracket	
Mounting rail according to IEC 60715 Std.	

GPA.150/GR	Cat. No. GA200GR
GPA.150	Cat. No. GA200
GPA.150/FIX/GR	Cat. No. GF200GR
GPA.150/FIX	Cat. No. GF200

GPA.240/GR	Cat. No. GA300GR
GPA.240	Cat. No. GA300
GPA.240/FIX/GR	Cat. No. GF300GR
GPA.240/FIX	Cat. No. GF300

feed-through	150
	50 ÷ 150
	50 ÷ 185
	-
	1000 V / 309 A / B14
	1000 V / 309 A / 1/0 AWG str ÷ 350
	MCM str. / 142 lb.in
	12 KV / 3
	35
	-
	10 / 15 (Allen screw, 5 mm wrench)
	99 / 108 / 31
	106 / 108 / 31
	103 / 108 / 31
	94 / 122 (106) / 31

feed-through	240
	95 ÷ 240
	50 ÷ 300
	-
	1000 V / 415 A / B16
	1000 V / 415 A / 3/0 AWG str. ÷ 600
	MCM str. / 300 lb.in.
	12 KV / 3
	40
	-
	14 / 21 (Allen screw, 6 mm wrench)
	120 / 119 / 37
	128 / 119 / 37
	124 / 119 / 37
	115 / 134 (118) / 37



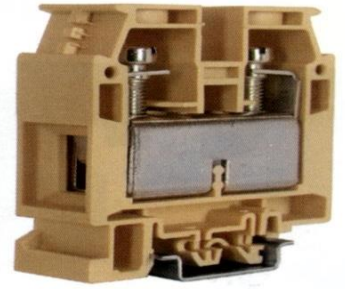
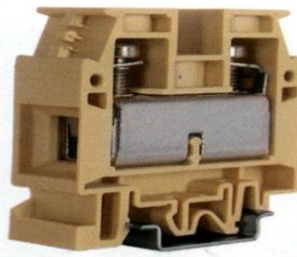
Type	Cat. No.
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
ACI121213	Z121213
ACI121024	Z121024
CNU/8/51	NU0851
-	-
BTU for PR/DIN and PR/3	BT005
CDA/BT for PR/DIN only	CD003
BT/3-BTO for PR/3 only	BT003-BT007
PR/DIN/AC of steel	PR001
PR/DIN/AS same with slots	PR004
PR/DIN/AL of aluminium	PR002
PR/3/AC of steel	PR003
PR/3/AS same with slots	PR005

Type	Cat. No.
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
ACI121213	Z121213
ACI121024	Z121024
CNU/8/51	NU0851
-	-
BTU for PR/DIN and PR/3	BT005
CDA/BT for PR/DIN only	CD003
BT/3-BTO for PR/3 only	BT003-BT007
PR/DIN/AC of steel	PR001
PR/DIN/AS same with slots	PR004
PR/DIN/AL of aluminium	PR002
PR/3/AC of steel	PR003
PR/3/AS same with slots	PR005

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 beige RAL 1001 and grey RAL 7042 or (Ex)i "intrinsic safety" circuits (blue RAL 5015 colour)



(*): 150 A factory wiring only

beige version	
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
(Ex e) rated voltage	(V)
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

APPROVALS

ACCESSORIES

End sections	beige grey blue
Permanent cross connection (same, Ex e version)	
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, 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	

CBD.50	Cat. No.	CB710
CBD.50/GR	Cat. No.	CB710GR
CBD.50 (Ex)i	Cat. No.	CBX72

feed-through	50
	1,5 ÷ 50
	1 ÷ 70
	50 - WP500/40
	800 V / 150 A / B9
	600 V / 130 A (*) / 16-1 AWG / 33,2 lb.in.
	630 V / 630 V
	8 KV / 3
	22
	2,5 / 5
	62 / 57 / 18
	70 / 57 / 18
	66 / 57 / 18



Type	Cat. No.
CB50/PT	CB711
CB50/PT/GR	CB711GR
CB50/PT (Ex)i	CBX73
POF/07 (PFX/07)	POF07 (PFX07)
150 / (150)	
POS/77	POS77
PMP/07	PMP07
CPM/07 (CPX/07)	CPM07 (CPX07)
DFU/5	DU05..
DFM/700	DF700
PSD/C	PD003
SDD/2	DD002

TUM/07 on 3 and on 4 TUM07

PRP/8	PRP08
CNU/8/51	NU0851
CSC	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	PR001
PR/DIN/AS same with slots	PR004
PR/DIN/AL of aluminium	PR002
PR/3/AC of steel	PR003
PR/3/AS same with slots	PR005

CBD.70	Cat. No.	CB810
CBD.70/GR	Cat. No.	CB810GR
CBD.70 (Ex)i	Cat. No.	CBX82

feed-through	70
	1,5 ÷ 95
	1 ÷ 95
	-
	800 V / 192 A / B11
	600 V / 220 A / 12 - 4/0 AWG / 50 lb. in.
	630 V / 630 V
	8 KV / 3
	26
	3 / 8
	71 / 62 / 20,5
	79 / 62 / 20,5
	75 / 62 / 20,5



Type	Cat. No.
CB70/PT	CB811
CB70/PT/GR	CB811GR
CB70/PT (Ex)i	CBX83
POF/08 (PFX/08)	POF08 (PFX08)
192 / (155)	
POS/08	POS08
PMP/08	PMP08
CPM/08 (CPX/08)	CPM08 (CPX08)
DFU/6	DU06..
DFM/700	DF700
PSD/C	PD003
SDD/2	DD002

TUM/08 on 3 and on 4 TUM08

PRP/8	PRP08
CNU/8/51	NU0851
CSC	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	PR001
PR/DIN/AS same with slots	PR004
PR/DIN/AL of aluminium	PR002
PR/3/AC of steel	PR003
PR/3/AS same with slots	PR005

CBC Series

with UL94V-0 polyamide insulating body

- UL94V-0
- reduced overall dimension
- patented "Easy bridge" system: double possibility to insert PTC multi-pole cross-connections, without the need of insulating protection
- mounting onto PR/3 type rails, according to IEC 60715 Std., "TH/35" type
- available in grey RAL 7042 and beige RAL 1001 colours
- **CESI 08 ATEX 061 U** Ex e certificate I M2 / II 2 G D operating temperature range: -40 ÷ +80 °C
- **CoC IEC Ex N. CES 09.0002U** Ex e II



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

The /GR tag indicates the grey colour version.

Values in brackets are referred to the Ex e application

PTC jumper configurations					
SINGLE OR PARALLEL EXTENDING	POLE SKIPPING	ADJACENT WITHOUT BARRIER	ADJACENT WITH BARRIER	STAGGERED MODE	PARALLEL SKIPPING

Terminal block	Jumper	Insulation voltage in the above configurations (V)				
CBC.2	PTC/2	630 (400)	630 (400)	1000 (400)	500 (320)	500 (320)
CBC.4	PTC/4	630 (320)	500 (320)	800 (320)	500 (320)	500 (320)
CBC.6	PTC/6	630 (320)	630 (320)	800 (320)	630 (250)	630 (250)

grey version	
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
max current (*)	
(Ex e) rated voltage	(V)
rated impulse withstand voltage / pollution degree	
insulation stripping length	(mm)
tightening torque value (test / max)	(Nm)
height / width / thickness	
height / width / thickness	

CBC.2/GR	Cat. No. CBC02GR
CBC.2	Cat. No. CBC02
CBC.2 (Ex)i	Cat. No. CBI02
TECHNICAL CHARACTERISTICS	
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	
12 KV / 3	
9	
0,4 / 0,8	
52 / 44 / 5	
60 / 44 / 5	

CBC.4/GR	Cat. No. CBC04GR
CBC.4	Cat. No. CBC04
CBC.4 (Ex)i	Cat. No. CBI04
TECHNICAL CHARACTERISTICS	
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	
12 KV / 3	
10	
0,5 / 1,2	
52 / 44 / 6	
60 / 44 / 6	

CBC.6/GR	Cat. No. CBC06GR
CBC.6	Cat. No. CBC06
CBC.6 (Ex)i	Cat. No. CBI06
TECHNICAL CHARACTERISTICS	
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	
12 KV / 3	
10	
0,8 / 1,4	
52 / 44 / 8	
60 / 44 / 8	

APPROVALS



ACCESSORIES	
End sections	grey beige blue
Permanent cross connection (intrinsically IPXXB protected once mounted)	
Rated current carrying capacity of jumper (same, Ex e version)	(A)
Cross-connection identification strip (100 mm)	green
Switchable cross connection	
Multiple common bar	250 mm
Shunting screw and sleeve	
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.	

Type	Cat. No.
CBC.2-10/PT/GR	CB061GR
CBC.2-10/PT	CB061
CBC.2-10/PT (Ex)i	CBI061
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	DU04..
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
-	-
PR/3/AC for PR/DIN and PR/3	PR003
PR/3/AS same with slots	PR005

Type	Cat. No.
CBC.2-10/PT/GR	CB061GR
CBC.2-10/PT	CB061
CBC.2-10/PT (Ex)i	CBI061
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	DU04..
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/8/51	NU0851
BTU for PR/DIN and PR/3	BT005
BTO for PR/3 only	BT007
BT/3 for PR/3 only	BT003
-	-
PR/3/AC for PR/DIN and PR/3	PR003
PR/3/AS same with slots	PR005

Type	Cat. No.
CBC.2-10/PT/GR	CB061GR
CBC.2-10/PT	CB061
CBC.2-10/PT (Ex)i	CBI061
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	DU04..
DFM/800 - DFM/900	DF800-900
-	-
-	-
-	-
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
-	-
PR/3/AC for PR/DIN and PR/3	PR003
PR/3/AS same with slots	PR005

CBC Series

with **UL94V-0 polyamide insulating body**

- UL94V-0
- reduced overall dimension
- patented "Easy bridge" system: double possibility to insert PTC multi-pole cross-connections, without the need of insulating protection
- mounting onto PR/3 type rails, according to IEC 60715 Std., "TH/35" type
- available in grey RAL 7042
- **CESI 08 ATEX 061 U** Ex e certificate I M2 / II 2 G D operating temperature range: -40 ÷ +80 °C
- **CoC IEC Ex N. CES 09.0002U** Ex e II



PTC jumper configurations					
SINGLE OR PARALLEL EXTENDING	POLE SKIPPING	ADJACENT WITHOUT BARRIER	ADJACENT WITH BARRIER	STAGGERED MODE	PARALLEL SKIPPING

Values in brackets are referred to the Ex e application

Terminal block	Jumper	Insulation voltage in the above configurations (V)					
CBC.10/GR	PTC/10	800 (250)	630 (320)		800 (250)	800 (250)	630 (250)
CBC.16/GR	PTC/10	(320)	(320)		(500)	-	-
CBC.35/GR	PTC/10	(250)	-		(630)	-	-

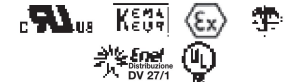
grey version	
(Ex)i version	
TECHNICAL CHARACTERISTICS	
function / type	
rated cross-section	(mm²)
connecting capacity	
flexible	(mm²)
rigid	(mm²)
max. flexible with ferrule (mm²)-ferrule type	
rated voltage / rated current / gauge	conf. to IEC 60947-7-1
rated voltage / rated current / AWG / tightening torque value	UL
max current (*)	
(Ex e) rated voltage	(V)
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

CBC.10/GR	
Cat. No. CBC10GR	
CBC.10 (Ex)i	
Cat. No. CBI10	
feed-through	10
	1,5 ÷ 16
	1,5 ÷ 16
	10 - WP100/21
	1000 V / 76 A (16 mm²) / B6
	600 V / 65 A / 14-6 AWG / 1,9 Nm
	70 A (10 mm²) / 85 A (16 mm²)
	400
	12 KV / 3
	12
	1,2 / 1,9
	52 / 44 / 10
	60 / 44 / 10

CBC.16/GR	
Cat. No. CBC16GR	
CBC.16 (Ex)i	
Cat. No. CBI16	
feed-through	25
	1,5 ÷ 25
	1,5 ÷ 25
	16 - WP160/22
	1000 V / 101 A (25 mm²) / B7
	600 V / 100 A / 16-3 AWG / 2,8 Nm
	95 A (16 mm²) / 114 A (25 mm²)
	500
	12 KV / 3
	15
	2 / 3
	56 / 47 / 12
	64 / 47 / 12

CBC.35/GR	
Cat. No. CBC35GR	
CBC.35 (Ex)i	
Cat. No. CBI35	
feed-through	50
	2,5 ÷ 50
	2,5 ÷ 50
	35 - WP350/30
	1000 V / 150 A (50 mm²) / B9
	600 V / 125 A / 20-1 AWG / 8,47 Nm
	134 A (35 mm²) / 160 A (50 mm²)
	630
	12 KV / 3
	18
	2,5 / 5
	63 / 56 / 16
	71 / 56 / 16

APPROVALS



ACCESSORIES	
End sections	grey blue
Permanent cross connection (*) : intrinsically IPXXB protected once mounted)	
Rated current carrying capacity of jumper (same, Ex e version)	(A)
Cross-connection identification strip (100 mm)	green
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.	

Type	Cat. No.
CBC.2-10/PT/GR	CB061GR
CBC.2-10/PT (Ex)i	CB1061
PTC/10/02 poles (*)	PTC1002
PTC/10/03 poles (*)	PTC1003
PTC/10/05 poles (*)	PTC1005
PTC/10/10 poles (*)	PTC1010
PTC/10/00 (25 poles) (*)	PTC1000
57 / (47)	
PTC/SP	PTC0990
-	
-	
DFU/4	DU04..
DFM/800 - DFM/900	DF800-900
-	
-	
-	
-	
-	
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
-	
PR/3/AC for PR/DIN and PR/3	PRO03
PR/3/AS same with slots	PRO05

Type	Cat. No.
CBC.16/PT/GR	CB161GR
CBC.16/PT (Ex)i	CB1161
POF/53	POF53
(PFX/53)	(PFX53)
(same, Ex e version)	
76 / (76)	
-	
POS/53	POS53
PMP/05	PMP05
CPM/53 (CPX/53)	CPM53 (CPX53)
DFU/4	DU04..
DFM/700	DF700
PSD/B	PD002
SDD/2	DD002
-	
-	
-	
-	
TUM/16 on 3 and 4	TUM16
-	
PRP/7	PRP07
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
-	
PR/3/AC for PR/DIN and PR/3	PRO03
PR/3/AS same with slots	PRO05

Type	Cat. No.
CBC.35/PT/GR	CB351GR
CBC.35/PT (Ex)i	CB1351
POF/06	POF06
PFX/06	(PFX06)
(same, Ex e version)	
125 / (125)	
-	
-	
PMP/06	PMP06
CPM/06 (CPX/06)	CPM06 (CPX06)
DFU/5	DU05..
DFM/700	DF700
PSD/B	PD002
SDD/2	DD002
-	
-	
-	
-	
TUM/06 on 3 and 4	TUM06
-	
PRP/8	PRP08
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
-	
PR/3/AC for PR/DIN and PR/3	PRO03
PR/3/AS same with slots	PRO05

CBR Series

with **UL94V-0 polyamide insulating body**

- UL94V-0
- reduced overall dimension
- universal mounting onto both PR/DIN and PR/3 type rails - according to IEC 60715 Std., "G32" and "TH/35" types
- available in grey RAL 7042 and beige RAL 1001 colours



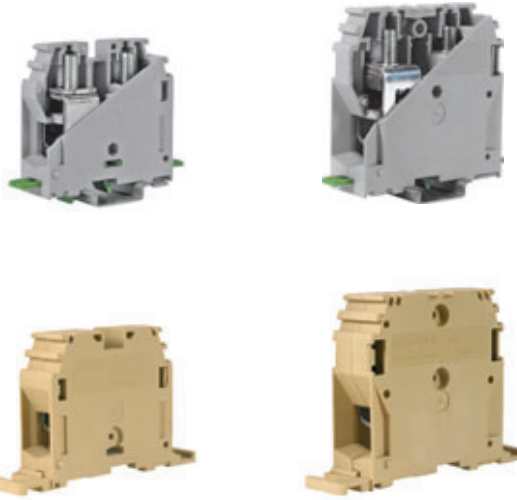
The **/GR** tag indicates the grey colour version.

grey version	CBR.2/GR	Cat. No. CR110GR
beige version	CBR.2	Cat. No. CR110
(Ex)i version		
TECHNICAL CHARACTERISTICS		
function / type	feed-through (2 inputs / 2 outputs)	
rated cross-section (mm ²)	2,5	
connecting capacity		
flexible (mm ²)	0,2 ÷ 4	
rigid (mm ²)	0,2 ÷ 4	
max. flexible with ferrule (mm ²)-ferrule type	2,5 - WP25/14	
rated voltage / rated current / gauge conf. to IEC 60947-7-1	800 V / 24 A / A3	
rated voltage / rated current / AWG / tightening torque value UL (Ex e) rated voltage (V)	600 V / 15 A / 20-14 AWG / 5,5 lb.in	
rated impulse withstand voltage / pollution degree	8 kV / 3	
insulation stripping length (mm)	8 (upper) / 14,5 (lower)	
tightening torque value (test / max) (Nm)	0,4 / 0,8	
height / width / thickness TH/35 7,5 mm	52 / 43 / 5	
height / width / thickness TH/35 15 mm	60 / 43 / 5	
height / width / thickness G32	56 / 43 / 5	
APPROVALS		
ACCESSORIES	Type	Cat. No.
End sections	CBR/PT/GR	CR111GR
	CBR/PT	CR111
Permanent cross connection	PM/25/2 poles	PM252
	PM/25/3 poles	PM253
	PM/25/5 poles	PM255
	PM/25/10 poles	PM250
Rated current carrying capacity of jumper (A)	24	-
Cross-connection identification strip (100 mm)	-	-
Switchable cross connection	-	-
Multiple common bar 250 mm	PMP/25	PMP25
Shunting screw and sleeve	CPM/25	CPM25
Coloured partition red, green, white	DFU/4	DU04..
Cross connection barrier red	-	-
Test plug socket	PSD/K	PD011
Test plug	SDD/1	DD001
Modular test plug	-	-
End section for modular test plug	-	-
Numbering strip	-	-
Warning plate on adjacent terminal blocks	-	-
Cover for cross-connection	PRP/5	PRP05
Marking tag printed or blank	CNU/8/51	NU0851
End bracket	BTU for PR/DIN and PR/3	BT005
	BTO for PR/3 only	BT007
	BT/3 for PR/3 only	BT003
	BT/DIN/PO	BT001
Mounting rail according to IEC 60715 Std.	PR/DIN/AC for PR/DIN and PR/3	PR001
	PR/DIN/AS same with slots	PR004
	PR/DIN/AL of aluminium	PR002
	PR/3/AC for PR/DIN and PR/3	PR003
	PR/3/AS same with slots	PR005

GPA Series power terminal blocks

with UL94V-0 polyamide insulating body

- mounting onto both PR/DIN and PR/3 type rails - according to IEC 60715 Std., "G32" and "TH/35" types
- panel mount version available - M6 screw (screw with groove for screwdriver and washer recommended)
- possibility to obtain compactness of the resulting rail assembly by means of an M3 threaded rod
- possibility to perform parallel cross-connections (GPA.70)
- standard version available in grey RAL 7042 and beige RAL 1001 colours; panel-mount version available in beige RAL 1001 colour



version suited to be used in (Ex)i "intrinsic safety" circuits (RAL 5015 blue colour)
GPA.70 (Ex)i Cat. No. GA410
GPA.95 (Ex)i Cat. No. GA110

The /GR tag indicates the grey colour version.

grey version	
beige version	
grey panel-mount version	
beige panel-mount version	
TECHNICAL CHARACTERISTICS	
function / type	
rated cross-section (mm ²)	
connecting capacity	
flexible (mm ²)	
rigid (mm ²)	
bars and/or cable lugs	
rated voltage / rated current / gauge conf. to IEC 60947-7-1	
rated voltage / rated current / AWG / tightening torque value UL	
rated impulse withstand voltage / pollution degree	
insulation stripping length (mm)	
tightening torque value - bar (test / recommended) (Nm)	
tightening torque value - cable (test / recommended) (Nm)	
height / width / thickness TH/35 7,5 mm	
height / width / thickness TH/35 15 mm	
height / width / thickness G32	
height / width (fixing distance between centres) / thickness (panel mount)	
APPROVALS	
ACCESSORIES	
End sections	grey beige
Permanent cross connection	
Rated current carrying capacity of jumper (A)	
Multiple common bar	250 mm
Shunting screw and sleeve	
Coloured partition	red, green, white
Cross connection barrier	red
Test plug socket	
Test plug	
Numbering strip	
Cover for cross-connection	
Mounting rail support	flat for PR/DIN and PR/3 sloped for PR/DIN and PR/3
Marking tag	printed or blank
End bracket	
Mounting rail according to IEC 60715 Std.	

GPA.70/GR	
	Cat. No. GA400GR
GPA.70	
	Cat. No. GA400
GPA.70/FIX/GR	
	Cat. No. GF400GR
GPA.70/FIX	
	Cat. No. GF400
TECHNICAL CHARACTERISTICS	
feed-through	70
	10 ÷ 95
	10 ÷ 95
	-
	1000 V / 192 A / B11
	1000 V / 215 A / 8 AWG str. ÷ 4/0 AWG str. / 79,5 lb.in
	12 KV / 3
	25
	-
	6 / 9 (Allen screw, 4 mm wrench)
	70 / 91 / 20,5
	78 / 91 / 20,5
	75 / 91 / 20,5
	75 / 102 (88) / 20,5

GPA.95/GR	
	Cat. No. GA100GR
GPA.95	
	Cat. No. GA100
GPA.95/FIX/GR	
	Cat. No. GF100GR
GPA.95/FIX	
	Cat. No. GF100
TECHNICAL CHARACTERISTICS	
feed-through	95
	10 ÷ 95
	10 ÷ 120
	-
	1000 V / 232 A / B12
	1000 V / 232 A / 2 AWG sol./str. ÷ 250 MCM str. / 90 lb.in.
	12 KV / 3
	30
	-
	6 / 9 (Allen screw, 4 mm wrench)
	87 / 98 / 26
	95 / 98 / 26
	91 / 98 / 26
	91 / 111 (97) / 26

Type	Cat. No.
-	-
POF/70 (2 poles)	POF70
192	
PMP/08	PMP08
CPM/70	CPM70
DF/GPA/70	DU070
-	-
PSD/C	PD003
SDD/2	DD002
-	-
PRP/08	PRP08
ACI121213	Z121213
ACI121024	Z121024
CNU/8/51	NU0851
-	-
BTU for PR/DIN and PR/3	BT005
CDA/BT for PR/DIN only	CD003
BT/3-BTO for PR/3 only	BT003-BT007
PR/DIN/AC of steel	PR001
PR/DIN/AS same with slots	PR004
PR/DIN/AL of aluminium	PR002
PR/3/AC of steel	PR003
PR/3/AS same with slots	PR005

Type	Cat. No.
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
ACI121213	Z121213
ACI121024	Z121024
CNU/8/51	NU0851
-	-
BTU for PR/DIN and PR/3	BT005
CDA/BT for PR/DIN only	CD003
BT/3-BTO for PR/3 only	BT003-BT007
PR/DIN/AC of steel	PR001
PR/DIN/AS same with slots	PR004
PR/DIN/AL of aluminium	PR002
PR/3/AC of steel	PR003
PR/3/AS same with slots	PR005