

GPM Series high current terminal blocks

- mounting for both PR/DIN and PR/3 rails which meet IEC 60715 norms, "G32" and TH/35 types
- nominal voltage 1000 V
- panel mount version - M6 screws (recommended with screwdriver and washer slot)
- possibility of parallel cross connection
- available in beige and grey
- **CESI 13 ATEX 038U** certificate
I M2 Ex e I Mb
II 2G Ex e IIC Gb temperature range of use
-40 — +80°C
- **CoC IEC Ex CES 13.0012U**
- maximum continual operating temperature 100°C



standard version

(* distance between the cable lug fixing screw axis and the conducting body: 10 mm



panel-mount version

(* distance between the cable lug fixing screw axis and the conducting body: 15 mm

standard version
grey version
panel-mount version
panel-mount version

GPM.95/BB Cat. No. GP100
GPM.95/BB/GR Cat. No. GP100GR
GPM.95/BB/FIX Cat. No. GP110
GPM.95/BB/FIX/GR Cat. No. GP110GR

GPM.150/BB Cat. No. GP400
GPM.150/BB/GR Cat. No. GP400GR
GPM.150/BB/FIX Cat. No. GP410
GPM.150/BB/FIX/GR Cat. No. GP410GR

GPM.240/BB Cat. No. GP700
GPM.240/BB/GR Cat. No. GP700GR
GPM.240/BB/FIX Cat. No. GP710
GPM.240/BB/FIX/GR Cat. No. GP710GR

TECHNICAL CHARACTERISTICS

function/type	
rated cross-section	(mm²)
connecting capacity	
flexible	(mm²)
rigid	(mm²)
bars and/or cable lugs	
rated voltage / rated current / gauge	conf. to IEC 60947-7-1
rated voltage / rated current / AWG	UL
(Ex e) rated voltage / rated current	
maximum current	
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 (fing distance between centres) / thickness (panel mount)	

feed-through	95/150
22 mm maximum width (M8 bolt) (*)	1000 V / 232 A
630 V / 232 A (*1000 V with DFU/4)	320A
12 KV / 3	
6 / 9 (13 mm wrench)	
81 / 176 / 32	
88 / 176 / 32	
85 / 176 / 32	
76 / 176 (158) / 32	

feed-through	150/240
32 mm maximum width (M10 bolt) (*)	1000 V / 309 A
1000 V / 309 A	440A
12 KV / 3	
10 / 15 (key 17 mm)	
81 / 200 / 42	
88 / 200 / 42	
85 / 200 / 42	
76 / 200 (158) / 42	

feed-through	240/300
40 mm maximum width (M12 bolt) (*)	1000 V / 415 A
1000 V / 415 A	600A
12 KV / 3	
14 / 21 (key 19 mm)	
89 / 250 / 52	
96 / 250 / 52	
93 / 250 / 52	
84 / 250 (172) / 52	

APPROVALS



ACCESSORIES	
End sections	beige
Permanent cross connection	
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	
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	

Type	Cat. No.
POF/95/2 poles	P0952
POF/95/3 poles	P0953
ACI121213	Z121213
ACI121024	Z121024
CNU/8/51	NU0851
BTU for PR/DIN and PR/3	BT005
BT/3-BTO for PR/3 only	BT003-BT007

Type	Cat. No.
PFX/150/2 poles	PX152
PFX/150/3 poles	PX153
ACI121213	Z121213
ACI121024	Z121024
CNU/8/51	NU0851
BTU for PR/DIN and PR/3	BT005
BT/3-BTO for PR/3 only	BT003-BT007

Type	Cat. No.
PFX/240/2 poles	PX242
PFX/240/3 poles	PX243
ACI121213	Z121213
ACI121024	Z121024
CNU/8/51	NU0851
BTU for PR/DIN and PR/3	BT005
BT/3-BTO for PR/3 only	BT003-BT007

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standard version



panel-mount version

standard version	GPM.95/BC Cat. No. GP200	GPM.150/BC Cat. No. GP500	GPM.240/BC Cat. No. GP800
grey version	GPM.95/BC/GR Cat. No. GP200GR	GPM.150/BC/GR Cat. No. GP500GR	GPM.240/BC/GR Cat. No. GP800GR
panel-mount version	GPM.95/BC/FIX Cat. No. GP210	GPM.150/BC/FIX Cat. No. GP510	GPM.150/BC/FIX Cat. No. GP810
panel-mount version	GPM.95/BC/FIX/GR Cat. No. GP210GR	GPM.150/BC/FIX/GR Cat. No. GP510GR	GPM.240/BC/FIX/GR Cat. No. GP810GR

TECHNICAL CHARACTERISTICS

	GPM.95/BC	GPM.150/BC	GPM.240/BC
function/type	feed-through	feed-through	feed-through
rated cross-section (mm ²)	95/150	150/240	240/300
connecting capacity			
flexible (mm ²)	35 ÷ 95	50 ÷ 150	95 ÷ 240
rigid (mm ²)	25 ÷ 120	35 ÷ 185	50 ÷ 300
bars and/or cable lugs	22 mm maximum width (M8 bolt)	32 mm maximum width (M10 bolt)	40 mm maximum width (M12 bolt)
rated voltage / rated current / gauge conf. to IEC 60947-7-1	1000 V / 232 A / B12	1000 V / 309 A / B14	1000 V / 415 A / B16
rated voltage / rated current / AWG UL	630 V / 232 A (*1000 V with DFU/4)	1000 V / 309 A	1000 V / 415 A
(Ex e) rated voltage / rated current	320A	440A	600A
maximum current	12 KV / 3	12 KV / 3	12 KV / 3
rated impulse withstand voltage / pollution degree	35	35	43
insulation stripping length (mm)	6 / 9 (13 mm wrench)	10 / 15 (key 17 mm)	14 / 21 (key 19 mm)
tightening torque value - bar (test / recommended) (Nm)	6 / 9 (Allen screw, 6 mm wrench)	10 / 15 (Allen screw, 8 mm wrench)	14 / 21 (Allen screw, 8 mm wrench)
tightening torque value - cable (test / recommended) (Nm)	113 / 158 / 32	134 / 170 / 42	150 / 202 / 52
height / width / thickness	120 / 158 / 32	141 / 170 / 42	157 / 202 / 52
height / width / thickness	117 / 158 / 32	138 / 170 / 42	154 / 202 / 52
height / width / thickness	108 / 175 (158) / 32	129 / 187 (158) / 42	144 / 219 (172) / 52
height / width (flang distance between centres) / thickness (panel mount)			

APPROVALS	GPM.95/BC	GPM.150/BC	GPM.240/BC
	KEMA, ENEC, Ex, Terna LV 277, ENEC, Ex	KEMA, ENEC, Ex, Terna LV 277, ENEC, Ex	KEMA, ENEC, Ex, Terna LV 277, ENEC, Ex

ACCESSORIES

	Type	Cat. No.	Type	Cat. No.	Type	Cat. No.
End sections	-	-	-	-	-	-
Permanent cross connection	POF/95/2 poles	P0952	PFX/150/2 poles	PX152	PFX/240/2 poles	PX242
	POF/95/3 poles	P0953	PFX/150/3 poles	PX153	PFX/240/3 poles	PX243
Switchable cross connection	-	-	-	-	-	-
Multiple common bar	-	-	-	-	-	-
Shunting screw and sleeve	-	-	-	-	-	-
Coloured partition	-	-	-	-	-	-
Cross connection barrier	-	-	-	-	-	-
Test plug socket	-	-	-	-	-	-
Test plug	-	-	-	-	-	-
Numbering strip	-	-	-	-	-	-
Cover for cross-connection	-	-	-	-	-	-
Mounting rail support	ACI121213	Z121213	ACI121213	Z121213	ACI121213	Z121213
	ACI121024	Z121024	ACI121024	Z121024	ACI121024	Z121024
Marking tag	CNU/8/51	NU0851	CNU/8/51	NU0851	CNU/8/51	NU0851
End bracket	BTU for PR/DIN and PR/3	BT005	BTU for PR/DIN and PR/3	BT005	BTU for PR/DIN and PR/3	BT005
	CDA/BT for PR/DIN only	CD003	CDA/BT for PR/DIN only	CD003	CDA/BT for PR/DIN only	CD003
	BT/3-BT0 for PR/3 only	BT003-BT007	BT/3-BT0 for PR/3 only	BT003-BT007	BT/3-BT0 for PR/3 only	BT003-BT007

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- nominal voltage 1000 V
- panel mount version - M6 screws (recommended with screwdriver and washer slot)
- possibility of parallel cross connection
- available in beige RAL 1001
- **CESI 13 ATEX 038U** certificate
I M2 Ex e | Mb
II 2G Ex e IIC Gb temperature range of use
-40 — +80°C
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- maximum continual operating temperature 100°C



standard version



panel-mount version

standard version	GPM.95/CC Cat. No. GP300	GPM.150/CC Cat. No. GP600	GPM.240/CC Cat. No. GP900
grey version	GPM.95/CC/GR Cat. No. GP300GR	GPM.150/CC/GR Cat. No. GP600GR	GPM.240/CC/GR Cat. No. GP900GR
panel-mount version	GPM.95/CC/FIX Cat. No. GP310	GPM.150/CC/FIX Cat. No. GP610	GPM.240/CC/FIX Cat. No. GP910
panel-mount version	GPM.95/CC/FIX/GR Cat. No. GP310GR	GPM.150/CC/FIX/GR Cat. No. GP610GR	GPM.240/CC/FIX/GR Cat. No. GP910GR

TECHNICAL CHARACTERISTICS

	standard version	panel-mount version	panel-mount version
function/type	feed-through	feed-through	feed-through
rated cross-section (mm²)	95	150	240
connecting capacity			
flexible (mm²)	35 – 120	50 – 185	95 – 300
rigid (mm²)	25 – 120	35 – 185	95 – 300
bars and/or cable lugs	22 mm maximum width (M8 bolt)	32 mm maximum width (M10 bolt)	40 mm maximum width (M12 bolt)
rated voltage / rated current / gauge	1000 V / 232 A / B12	1000 V / 309 A / B14	1000 V / 415 A / B16
rated voltage / rated current / AWG	-	-	-
maximum current	320A	440A	600A
rated impulse withstand voltage / pollution degree	12 KV / 3	12 KV / 3	12 KV / 3
insulation stripping length (mm)	-	-	-
tightening torque value - bar (test / recommended) (Nm)	-	-	-
tightening torque value - cable (test / recommended) (Nm)	6 / 9 (Allen screw, 6 mm wrench)	10 / 15 (Allen screw, 8 mm wrench)	14 / 21 (Allen screw, 8 mm wrench)
height / width / thickness	113 / 140 / 32	134 / 140 / 42	150 / 154 / 52
height / width / thickness	120 / 140 / 32	141 / 140 / 42	157 / 154 / 52
height / width / thickness	117 / 140 / 32	138 / 140 / 42	154 / 154 / 52
height / width (fixing distance between centres) / thickness (panel mount)	108 / 173 (158) / 32	129 / 173 (158) / 42	144 / 187 (172) / 52

APPROVALS



ACCESSORIES

	Type	Cat. No.	Type	Cat. No.	Type	Cat. No.
End sections	beige	-	-	-	-	-
Permanent cross connection						
	POF/95/2 poles	PO952	PFX/150/2 poles	PX152	PFX/240/2 poles	PX242
	POF/95/3 poles	PO953	PFX/150/3 poles	PX153	PFX/240/3 poles	PX243
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	-	-	-	-	-	-
Numbering strip	-	-	-	-	-	-
Cover for cross-connection	-	-	-	-	-	-
Mounting rail support	flat for PR/DIN and PR/3 sloped for PR/DIN and PR/3	ACI121213 Z121213 ACI121024 Z121024	ACI121213 Z121213 ACI121024 Z121024	ACI121213 Z121213 ACI121024 Z121024	ACI121213 Z121213 ACI121024 Z121024	ACI121213 Z121213 ACI121024 Z121024
Marking tag	printed or blank	CNU/8/51 NU0851	CNU/8/51 NU0851	CNU/8/51 NU0851	CNU/8/51 NU0851	CNU/8/51 NU0851
End bracket						
	BTU for PR/DIN and PR/3 CDA/BT for PR/DIN only BT/3-BTO for PR/3 only	BT005 CD003 BT003-BT007	BTU for PR/DIN and PR/3 CDA/BT for PR/DIN only BT/3-BTO for PR/3 only	BT005 CD003 BT003-BT007	BTU for PR/DIN and PR/3 CDA/BT for PR/DIN only BT/3-BTO for PR/3 only	BT005 CD003 BT003-BT007