

GPA Series power terminal blocks

with UL94V-0 polyamide insulating body

- mounting for both PR/DIN and PR/3 rails which meet IEC 60715 norms, "G32" and TH/35 types
- panel mount version - M6 screws (recommended with screwdriver and washer slot)
- interlockable with standard M3-type threaded stay bolts
- possible to create parallel connections (GPA.70)
- nominal voltage 1000 V
- maximum continual operating temperature 100°C



version suitable for use in (Ex)i "intrinsic safety" circuits (RAL 5015 blue colour)

GPA.70 (Ex)i code **GA410**
GPA.95 (Ex)i code **GA110**

The suffix **/GR** identifies the grey version.

grey version
beige version
grey panel-mount version
beige panel-mount version

GPA.70/GR	Cat. No. GA400GR
GPA.70	Cat. No. GA400
GPA.70/FIX/GR	Cat. No. GF400GR
GPA.70/FIX	Cat. No. GF400

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	
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)	

feed-through	70
flexible	10 – 95
rigid	10 – 95
bars and/or cable lugs	-
rated voltage / rated current / gauge	1000 V / 192 A / B11
rated voltage / rated current / AWG / tightening torque value	600 V / 215 A / 8 AWG str. – 4/0 AWG str. / 79.5 lb.in
rated impulse withstand voltage / pollution degree	12 KV / 3
insulation stripping length	25
tightening torque value - bar (test / recommended)	-
tightening torque value - cable (test / recommended)	6 / 9 (Allen screw, 4 mm wrench)
height / width / thickness	70 / 91 / 20.5
height / width / thickness	78 / 91 / 20.5
height / width / thickness	75 / 91 / 20.5
height / width (fixing distance between centres) / thickness (panel mount)	75 / 102 (88) / 20.5

feed-through	95
flexible	10 – 95
rigid	10 – 120
bars and/or cable lugs	-
rated voltage / rated current / gauge	1000 V / 232 A / B12
rated voltage / rated current / AWG / tightening torque value	600 V / 232 A / 2 AWG sol./str. – 250 MCM str./ 90 lb.in.
rated impulse withstand voltage / pollution degree	12 KV / 3
insulation stripping length	30
tightening torque value - bar (test / recommended)	-
tightening torque value - cable (test / recommended)	6 / 9 (Allen screw, 4 mm wrench)
height / width / thickness	87 / 98 / 26
height / width / thickness	95 / 98 / 26
height / width / thickness	91 / 98 / 26
height / width (fixing distance between centres) / thickness (panel mount)	91 / 111 (97) / 26



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	

Type	Cat. No.
-	-
POF/70 (2 poles)	POF70
192	
PMP/08	PMP08
CPM/70 12 poles	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

Type	Cat. No.
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-	-
-	-
-	-
-	-
-	-
-	-
-	-
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