



4 Pole Distribution Blocks

Technical Specification:

Connection with or without ferrules.

Supplied with insulated back plate and transparent protective front cover.

Self extinguishing.

Fix on din rail or plate.

Insulation protection on each bar.

Conforms to standard EN60947-1.



GDB8407



GDB8411



GDB8415

Technical Data

Item	Rating (Amps)	Voltage (V) IEC	Number of bars	Terminations (on each bar)	Stripped Wire (mm ²)	Wire with Ferrule (mm ²)	Torque (Nm)	Dimensions (L x H x D)	I _{ew} (kA)	I _{cc pk} (kA)
GDB8407	125A	500V	4	5 x 5.3mm \emptyset	2.5 - 6	1.5 - 6	M5 = \leq 2	65 x 85 x 50 (Short)	4.5	20
				2 x 7.5mm \emptyset	10 - 25	6 - 16				
GDB8411	125A	500V	4	7 x 5.3mm \emptyset	2.5 - 6	1.5 - 6	M5 = \leq 2	100 x 85 x 50 (Medium)	4.5	20
				2 x 7.5mm \emptyset	10 - 25	6 - 16				
				2 x 9.0mm \emptyset	10 - 35	10 - 16				
GDB8415	125A	500V	4	11 x 5.3mm \emptyset	2.5 - 6	1.5 - 6	M5 = \leq 2	135 x 85 x 50 (Long)	4.5	20
				2 x 7.5mm \emptyset	10 - 25	6 - 16				
				2 x 9.0mm \emptyset	10 - 35	10 - 16				

I_{ew} = Effective value of short-circuit current, duration equal to 1 second, expressed in kA as per standard IEC60947-7-1

I_{cc pk} = Short circuit current peak value, expressed in kA



Dokument/document		Utgava datum/edition date
Försäkran om överensstämmelse/ Declaration of conformity		2024-01-16
Avdelning/department Kvalite/Quality		
Ansvarig/prepared Magnus Arvidsson	Version 3	Sida/page 1 av/of 1

Supplier/Tillverkare:

GARO AB
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S-335 25 GNOSJO
Sweden

Telephone: +46 (0)370 33 28 00
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Supplier established within EU/Ombud etablerad inom EG

Supplier of equipment /Materielslag : Distribution Blocks.

Trade Mark/ Varumärke: GARO

Type Designation / Typbeteckning: GDB 1 Pole & 4 Pole Distribution Blocks.

We hereby declare that our product fulfils the requirements of following EC directives/ Vi intygar härmed att vår produkt uppfyller krav enligt följande EU direktiv:

- The Low Voltage Directive (LVD) 2014/35/EU / Lågspänningsdirektivet (LVD) 2014/35/EU.
- Electromagnetic compatibility (EMC) 2004/108/EU / Elektromagnetisk kompatibilitet (EMC) 2004/108/EG.
- RoHS Directive (RoHS) 2011/65/EU / RoHS direktivet (RoHS) 2011/65/EG.
- No electromagnetic compatibility (EMC) immunity or emission tests are required on the assembly/
Produkten innehåller inte elektroniska apparater som påverkas enligt förbehållen enligt direktivet (EMC) 2004/108/EG.

The following harmonised standards (latest edition) or technical specifications which comply with good engineering practice in safety matters in force within the EU have been used in the design: /

Följande harmoniserade standarder (senaste utgåva) eller tekniska specifikationer som uppfyller god säkerhetsteknik praxis inom EG har använts i konstruktionen: EN60947-7-1

The equipment conforms completely with the above stated harmonised standards or technical specifications. /
Materielen överensstämmer helt med ovan angivna harmoniserade standarder eller tekniska specifikationer.

Or/ Eller

- The equipment confirms only partially with the above stated harmonised standards or technical specifications but complies with good practice in safety matters in force within the EU. /
Materielen överensstämmer endast delvis med ovan angivna harmoniserade standarder eller tekniska specifikationer, men uppfyller god säkerhetsteknik praxis inom EG.

We have product surveillance according to CENELEC's harmonised requirements, documents CCA-201.

Garo AB
Company/Företag

2024-01-16
Date/Datum

Sign/Underskrift

Environmental- and Quality Manager/Kvalitets- och Miljöchef
Position/Befattning

Magnus Arvidsson
Name / Namnförtydligande