



1 Pole Distribution Blocks

Technical Specification:

Material: from PA Nylon.

Grade Flame Retardant: UL94V0.

Metal Material: Brass Nickel Plated.

Conforms to Standard: IEC60947-7-1.



GDB80

GDB125

GDB160



GDB250

GDB400

GDB500

1 Pole Distribution Blocks

Technical Data

| Item | Rating (Amps) | Voltage (V) IEC | In/ Out | Stripped Wire (mm ²) | Wire with Ferrule (mm ²) | Torque (Nm) | Dimensions (L x H x D) | Icw (kA) | Icc pk (kA) | | |
|--------|---------------|-----------------|---------|----------------------------------|--------------------------------------|-------------|------------------------|----------|-------------|----------|------------|
| GDB80 | 80A | 690V | In | 1 | 6 - 16 | | 28 x 65 x 47 | 3 | 20 | | |
| | | | Out | 4 | | | | | | 2.5 - 6 | M5: ≤ 1.8 |
| | | | Out | 2 | | | | | | 2.5 - 16 | M6: ≤ 2.5 |
| GDB125 | 125A | 690V | In | 1 | 10 - 35 | | 28 x 74 x 48 | 4.2 | 30 | | |
| | | | Out | 7 | | | | | | 2.5 - 16 | M6: ≤ 2.5 |
| GDB160 | 160A | 690V | In | 1 | 10 - 70 | | 28 x 74 x 48 | 11 | 30 | | |
| | | | Out | 7 | | | | | | 2.5 - 16 | M6: ≤ 2.5 |
| GDB250 | 250A | 690V | In | 1 | 35 - 120 | | 47 x 95 x 50 | 21 | 50 | | |
| | | | Out | 2 | | | | | | 6 - 35 | M10: ≤ 4.0 |
| | | | Out | 5 | | | | | | 2.5 - 16 | M8: ≤ 2.7 |
| | | | Out | 4 | | | | | | 2.5 - 10 | M6: ≤ 2.5 |
| GDB400 | 400A | 690V | In | 1 | 95 - 185 | | 47 x 95 x 50 | 21 | 50 | | |
| | | | Out | 2 | | | | | | 6 - 35 | M10: ≤ 4.0 |
| | | | Out | 5 | | | | | | 2.5 - 16 | M8: ≤ 2.7 |
| | | | Out | 4 | | | | | | 2.5 - 10 | M6: ≤ 2.5 |
| GDB500 | 500A | 690V | In | 1 | 4x15.5x0.8 - 8x24 | | 47 x 95 x 50 | 21 | 50 | | |
| | | | Out | 2 | | | | | | 6 - 35 | M10: ≤ 4.0 |
| | | | Out | 5 | | | | | | 2.5 - 16 | M8: ≤ 2.7 |
| | | | Out | 4 | | | | | | 2.5 - 10 | M6: ≤ 2.5 |

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

Icc pk = Short circuit current peak value, expressed in kA



| | | |
|---|--------------|---------------------------|
| Dokument/document | | Utgava datum/edition date |
| Försäkran om överensstämmelse/ Declaration of conformity | | 2016-06-08 |
| Avdelning/department Kvalite/Quality | | |
| Ansvarig/prepared Magnus Arvidsson | Version 3 | Sida/page 1 av/of 1 |

Supplier/Tillverkare: *GARO AB*
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Supplier established within EU/Ombud etablerad inom EG

Supplier of equipment /Materielslag : Consumer unit/Normcentral

Trade Mark/ Varumärke: GARO

Type Designation / Typbeteckning: G... , GN...,GM..., NUM ... , NIM ... , NUM.GM ... , NUM.GT ... , NUM.L ..., NEM .. , NCI..., NCID ... , NCU ... , NCUP ... and / och GCUT

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: SS EN 61439-1-3

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.

Garö AB
Company/Företag

2016-06-18
Date/Datum

Sign/Underskrift

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

Magnus Arvidsson
Name / Namnförtydligande