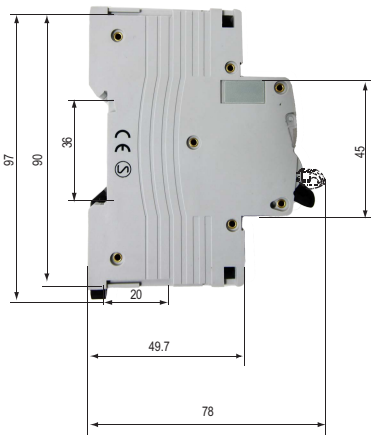




## MCB 10kA 2 Pole, C Characteristic

Type: 125ADPCM



### Technical data

Pole No: 2 Pole

Rated voltage: AC 230/400V

Rated current(A): 125

Tripping curve: C

ultimate short-circuit breaking capacity (Icu): 10kA service

short-circuit breaking capacity(Ics):7.5kA Rated frequency:

50/60Hz

Rated impulse withstand voltage:6kV

Electro-mechanical endurance:

In≤100=10000;In125=8000 Connection terminal: Pillar

terminal with clamp

Connection capacity:

Flexible conductor 35mm<sup>2</sup>

Rigid conductor 50mm<sup>2</sup>

Installation:

On symmetrical DIN rail 35mm

Panel mounting

Terminal Connection Height: 20mm

WX52mm X H90mm X D78mm

### Tripping characteristics

| Test | Tripping Type | Test Current | Initial State | Tripping or Non-tripping Time Limit            | Expected Result |
|------|---------------|--------------|---------------|--|-----------------|
| a    | time-delay    | 1.05In       | cold          | t≤1h(In≤63A) t≤2h(In > 63A)                    | No Tripping     |
| b    | time-delay    | 1.30In       | after test a  | t < 1h(In≤63A) t < 2h(In > 63A)                | Tripping        |
| c    | time-delay    | 2In          | cold          | 10s < t < 60s(In≤63A) 20s < t < 120s(In > 63A) | Tripping        |
| d    | instantaneous | 8In          | cold          | t≤0.2s   | No Tripping     |
| e    | instantaneous | 12In         | cold          | t < 0.2s                                       | Tripping        |



|   |              |                           |
|---|--------------|---------------------------|
| Dokument/document   |              | Utgava datum/edition date |
| Försäkran om överensstämmelse/<br>Declaration of conformity |              | 29/06/2016                |
| Avdelning/department<br>Kvalite/Quality                     |              |                           |
| Ansvarig/prepared<br>Magnus Arvidsson                       | Version<br>5 | Sida/page<br>1 av/of 1    |

Supplier/Tillverkare:

*GARO AB*  
*Box 203*  
*S-335 25 GNOSJO*  
*Sweden*

Telephone: +46 (0)370 33 28 00  
Telefax: +46 (0)370 33 28 50

Supplier established within EU/Ombud etablerad inom EG

Telephone:  
Telefax:

Supplier of equipment /Materielslag : Miniature Circuit Breaker / Dvtirgbrytare

Trade Mark/ Varumärke: GARO

Type Designation / Typbeteckning: MCBGR-..., GCB-..., MCBGS-.. and 80A ,100A  
125A..

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: EN 60898-1

- The equipment conforms completely with the above stated harmonised standards or technical specifications. /  
Materielen överensstammer 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 överensstammer 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

2016-06-29  
Date/Datum

Sign/Underskrift

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

Magnus Arvidsson  
Name / Namnförtydligande