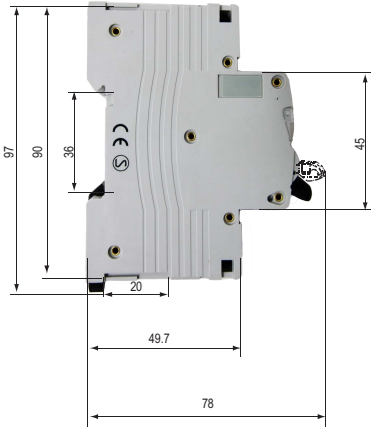




## MCB 10kA 3 Pole, B Characteristic

Type: **80ATPBM**



### Technical data

Pole No: 3 Pole

Rated voltage: AC 230/400V

Rated current(A): 80

Tripping curve: B

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

W80mm 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/ Declaration of conformity		29/06/2016
Avdelning/department Kvalite/Quality		
Ansvarig/prepared Magnus Arvidsson	Version 5	Sida/page 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