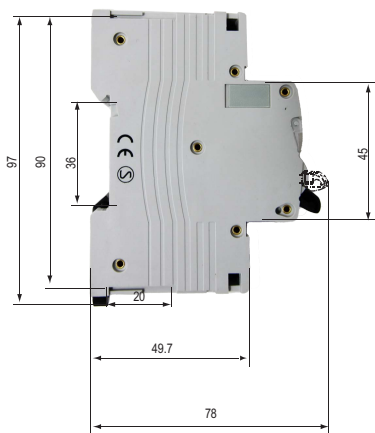


MCB 10kA 3 Pole, C Characteristic

Type: **80ATPCM**



Technical data

Pole No: 3 Pole

Rated voltage: AC 230/400V

Rated current(A): 80

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 35mm²

Rigid conductor 50mm²

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	$t \leq 1h (In \leq 63A)$ $t \leq 2h (In > 63A)$	No Tripping
b	time-delay	1.30In	after test a	$t < 1h (In \leq 63A)$ $t < 2h (In > 63A)$	Tripping
c	time-delay	2In	cold	$10s < t < 60s (In \leq 63A)$ $20s < t < 120s (In > 63A)$	Tripping
d	instantaneous	8In	cold	$t \leq 0.2s$	No Tripping
e	instantaneous	12In	cold	$t < 0.2s$	Tripping



Dokument/document Försäkran om överensstämmelse/ Declaration of conformity		Utgava datum/edition date 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 /Materiellslag : 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 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

2016-06-29
Date/Datum

Sign/Underskrift

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

Magnus Arvidsson
Name / Namnförtydligande