

# PHILIPS

## TPN MCB

Circuit Breakers

Curve C

10kA Capacity

16A

913713932249



## SafeTechnology that protects your home

Philips MCB range with SafeTechnology, adds extra protection & safety to your home.

### Easy to use

- Bi connect terminals
- Snap locks
- Gloss finish

### Safe to use

- Trip free mechanism
- FR grade material

### Durability

- Air circulation
- Brass Connectors

### Convenience

- Pad lock facility
- Description window

# Highlights

**Bi connect terminals**

Convenience of using bus bar and/or wire in directly.

**Snap locks**

Plastic body fitted with snap lock this helps in easy to lock and unblock.

**Gloss finish**

Glossy white finish which flushes with the wall and also easy to clean.

**Trip free mechanism**

Safe operation as the MCB trips from inside even if held in ON position.

**FR grade material**

FR Grade material is used while making the circuit breaker so that it detracts accidental fires.

**Air circulation**

Designed with Air channels which provide better air circulation around individual poles. This improves the thermal situation and thus improves the life of the product.

**Brass Connectors**

Brass connectors for Phase and Neutral. This gives longer life to the product.

**Pad lock facility**

Pad Locking option available so that dolly can be locked in OFF condition during maintenance to avoid any accident.

**Description window**

Description window with label to identify the connection, Convenience to use during installation and maintenance.

# Specifications

## Design and finishing

- Color: Grey
- Material: Metal, Plastic
- Minimum Installation Box Depth: 10 cm
- Connection Terminals: Saddle

## Durability

- Number of Operation Cycles: 4,000

## Interactivity

- Current (A): 16

## Miscellaneous

- Approval Marks: BIS Certificate

## Other characteristics

- Installation Type: Din Rail
- Trip Unit Technology: Electro-Mechanical

## Power

- Electrical Load Type: Inductive load

## Power consumption

- Voltage: 415 V

## Product dimensions and weight

- Length: 9.2 cm
- Width: 7.344 cm
- Depth: 7.12 cm

## Service

- Warranty: 2 year(s)

## Technical specifications

- Frequency: 50 Hz
- Class of protection: Class III
- Number of Poles: 3 Pole with Neutral
- Electrical Insulation Class: Class III
- Shorttime Withstand Current: 5-10 A
- Energy Limitation Class: Class III
- Ultimate Breaking Capacity: 10 kA
- Curve Type: C Curve

## Packaging dimensions and weight

- EAN/UPC - product: 8718696501917
- Net weight: 437.98 g
- Gross weight: 454.75 g
- Height: 7.1 cm
- Length: 9.2 cm
- Width: 7.3 cm
- Material number (12NC): 913713932249



Issue date: 2024-09-17  
Version: 0.29

© 2024 Signify Holding. All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

[www.lighting.philips.com](http://www.lighting.philips.com)