

Miniature Circuit Breaker for System Protection

This miniature circuit breaker is designed for system protection with earthed return. It is suitable for MCBs up to $I_n = B$ and C , each up to 20A, and for D characteristic, it supports up to 32A to 10kA, and >32A to 6kA.



Product Overview

Professional Miniature Circuit Breaker

The Y81 miniature circuit breaker provides robust system protection for electrical infrastructures. Designed with high-quality moulded plastic in RAL 7035, this device offers reliable operation for a wide range of current ratings and pole configurations. It is engineered to meet international safety standards, featuring a V0-rated fire-resistant case and a sealable design for enhanced security.

Electrical Performance

Rated Breaking Capacity

6000 A

DIN VDE 0641-11

10000 A

IEC 898

Rated Current Ranges (I_n)

B: 6A - 125A, C: 0.5A - 125A, D: 0.5A - 125A

Technical Specifications

Number of Poles

- 1
- 2
- 3
- 4

Rated Frequency

50 to 60 Hz

Minimum Operating Voltage (U_{bmin})

~12V / === 12V

Mechanical & Environmental

Casing Material Properties

Feature	Detail
Material	Moulded plastic
Color	RAL 7035
Fire Rating	UK 94-v0
Toggle Color	Black