



GP IC45-DC Mini Circuit Breaker (MCB)

Introduction

IC45-DC miniature circuit breaker is used in lighting distribution or motor distribution system for overload and short-circuit protection. It features pleasing outlook, light weight, reliable performance, high breaking capacity, and quick tripping function etc. Its frame and components adopt high fire-resistant and shockproof plastic for long-life use. It is mainly used for overload and short-circuit protection within the circuit of AC 50/60Hz, rated voltage of single pole up to 240V, two, three and four poles up to 415V. It can also be used for an unfrequent ON/OFF switching electric equipment and lighting circuit in normal case. The product complies with GB 10963, IEC 60898, VDE0641, and BS3871. And the product has three types: B type & C type for illumination and D type for industrial power.

Technical Data

IC45-DC Mini Circuit Breaker (MCB)	
Technical Data	
Pole No.	1, 2, 3, 4
Rated voltage	DC 220V
Rated current (In)	1, 2, 3, 4, 6, 10, 16, 20, 25, 32, 40, 50, 63
Tripping curve	C Type (8 - 12) In
Rated breaking capacity (Icu)	10000
Rated breaking capacity (Ics)	10000
Electro-mechanical endurance	4000
Connection terminal	Screw terminal
	Pillar terminal with clamp
Connection capacity	Rigid conductor up to 25mm ²
Fastening torque	2.0 Nm
Installation	On symmetrical DIN rail 35mm
	Panel mounting
Estándar	IEC 60947 / GB 14049-2
Ambient temperature	-35°C - +70°C
Relative humidity	< 95%
Pollution level	class 2
Elevation	≤ 2000m

Dimensions

