

CIRCUIT BREAKERS

Protection System - MCB

Product range

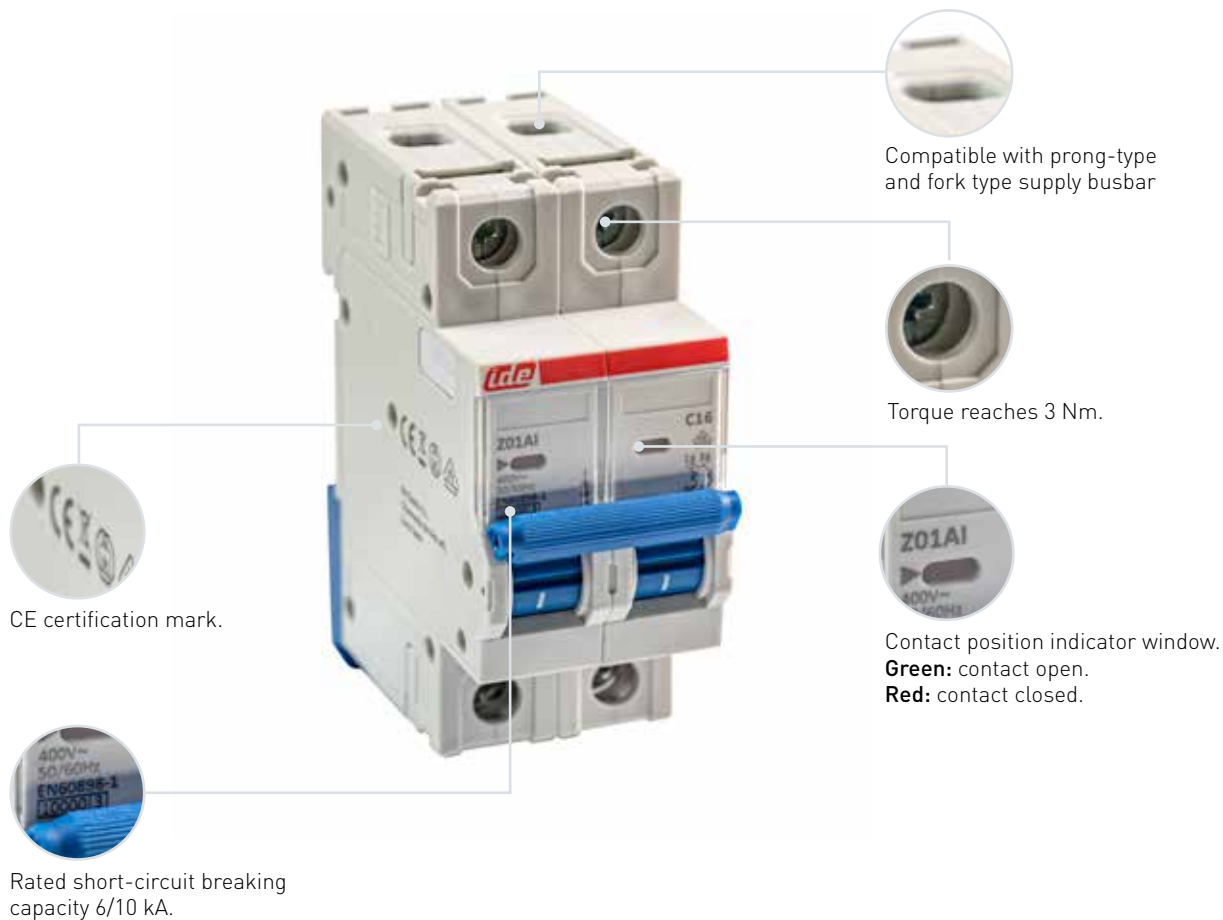
MCB MINIATURE CIRCUIT-BREAKERS (Z00AI-Z01AI-Z02AI)

- Poles: 1P-2P-3P-4P.
- Rated currents (In): 2A-63A / 63A-125A.
- Rated short-circuit breaking capacity (Icn): 6kA-10kA.
- Curve: type C.

Certifications



Standards:
MCB miniature circuit breaker: EN 60898-1.
VDE certificate for Z01AI type.

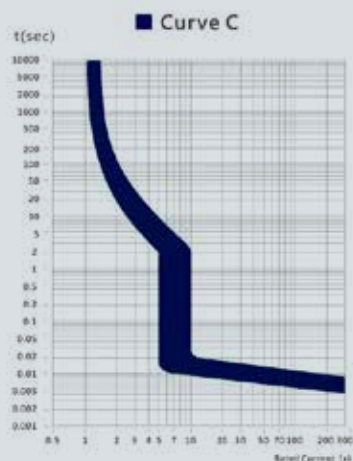


Get your reference:

IA□□□□

- Rated short-circuit breaking capacity: (kA).
- Rated current: (A).
- Curve: C.
- Poles: 1P, 2P, 3P and 4P.
- IA: Miniature Circuit breakers type.

Curve



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MCB Miniature Circuit-Breaker



Electrical specification	Units	Type Z00AI	Type Z01AI	Type Z02AI
Poles	-	-	1P - 2P - 3P - 4P	1P - 2P - 3P - 4P
Instantaneous tripping type	-	-	C	
Rated current (In)	A	-	2 - 4 - 6 - 10 - 16 - 20 - 25 - 32 - 40 - 50 - 63	80 - 100 - 125
Rated short-circuit breaking capacity (Icn)	kA	-	6	10
Rated frequency	Hz	-	50/60	
Rated working voltage (Ue)	V	1P	230/400	
		2P-3P-4P	400	
Rated insulated voltage (Ui)	V	-	500	
Impulse withstand voltage (Uimp)	kV	-	4	6
Maximum working voltage (Umax)	V	1P	240/440	
		2P-3P-4P	440	
Dielectric test voltage	kV	-	2	
Mechanical durability	Cycles	-	10000	4000
Electrical durability	Cycles	-	6000	4000

Connection and installation

Ambient temperature (with daily average ≤ 35 °C)	°C	-	-5 / +40	
Protection degree	-	All sides	IP40	
		Connection terminal	IP20	
Wire	mm ²	-	25	35
Mounting	-	-	On DIN rail	
Pollution degree	-	-	2	
Reference temperature for setting of thermal element	°C	-	30	
Storage temperature	°C	-	-25 / +70	
Tightening torque	-	Nm	3	3.5
Connection	-	-	Top and bottom	
		1P	0.13	0.18
		2P	0.26	0.36
		3P	0.39	0.54
		4P	0.52	0.72

Control and indication

Shunt release (BE230)	-	Optional	Optional
Undervoltage release (BMT230)	-	Optional	Optional
Auxiliary contact (AUX230)	-	Optional	Optional
Contacto de alarma (ALT230)	-	Optional	Optional

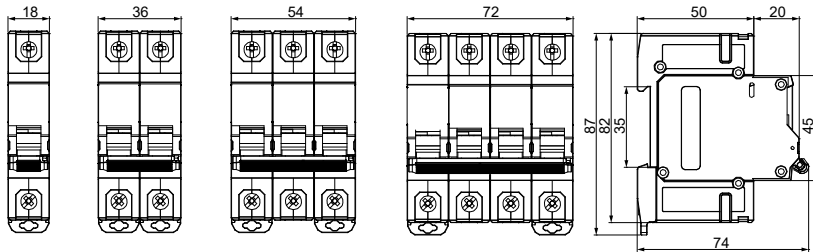
Curve B & D breakers can be supplied upon request - Contact us.

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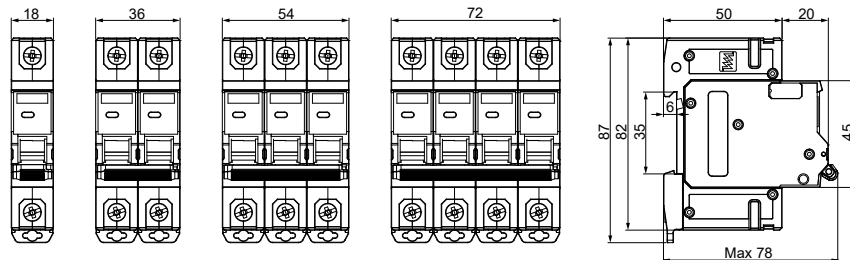
Protection Systems - Dimensions

Dimensions - MCB Miniature Circuit-Breakers

Type: Z00AI



Type: Z01AI



Type: Z02AI

