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MINIATURE CIRCUIT BREAKER(MCB)

YCB9-63

Series overview

Miniature Circuit Breaker(MCB) for electrical distribution and control applications.

Select the exact rating, pole arrangement and operating configuration for the application.



Specification summary

Rated voltage	230 / 400 V AC
Frequency	50 / 60 Hz
Breaking capacity	4.5 / 6 kA
Tripping curves	B / C / D
Mounting	35 mm DIN rail; IP20

Technical information

Selected dimension and connection drawings follow. Match each drawing to its stated frame and pole configuration.

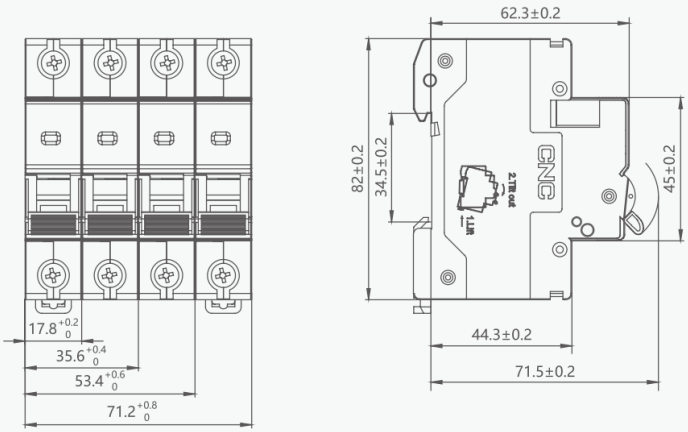
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DIMENSIONS & TECHNICAL REFERENCE

Type	Standard		IEC/EN 60898-1
Electrical features	Rated current In	A	1, 2, 4, 6, 10, 16, 20, 25, 32, 40, 50, 63
	Poles	P	1, 2, 3, 4
	Rated voltage Ue	V	230/400
	Insulation voltage Ui	V	500
	Rated frequency	Hz	50/60
	Rated breaking capacity	A	4500,6000
	Rated impulse withstand voltage(1.2/50)Uimp	V	4500(80A) / 6000(1-63A)
	Dielectric test voltage at ind. Freq. for 1min	kV	2
	Pollution degree		2
	Thermo-magnetic release characteristic		B, C, D
Mechanical features	Electrical life	t	6000
	Mechanical life	t	20000
	Protection degree		IP20
	Reference temperature for setting of thermal element	℃	30
	Ambient temperature (with daily average≤35℃)	℃	-5~+40
	Storage temperature	℃	-25~+70
Installation	Terminal connection type		Cable/Pin-type busbar
	Terminal size top / bottom for cable	mm²	25
		AWG	18-3
	Terminal size top / bottom for busbar	mm²	25
		AWG	18-3
	Tightening torque	N*m	2
		In-lbs	18
	Mounting		On DIN rail EN 60715(35mm)by means of fast clip
	Connection		From top or bottom

Overall and mounting dimensions(mm)



Use the stated units and configuration. Drawings are reproduced from the authorized technical source.