

Easycompact Molded Case Circuit Breakers, EZC

Application: Easycompact circuit breakers are used in the circuit as the protection of any electrical installation not exceeding 50kA/415V, rated current from 80A to 400A, in particular for residential, buildings and industries with the following characteristics:

- Easy to choose;
- Easy to install;
- Easy to use;



EZC100N/2P



EZC100N/3P



EZC250N/3P



EZC400N/3P

Easycompact circuit breakers			EZC100N	EZC250N	EZC400N	
Fixed version			■	■	■	
Plug-in version			-	■	-	
Rated current, A	In	at 40°C	63, 80, 100	160, 200, 250	300, 350, 400	
Rated insulation voltage, V	Ui		690			
Rated impulse withstand voltage, kVUimp			6	6	8	
Rated operational voltage, V	Ue	AC50/60Hz	415	550	550	
		DC	125	250	250	
Electrical characteristics as per IEC 60947-2						
Ultimate breaking capacity, kA	Icu	AC50/60Hz	110/130V	25	50	85
			220/230/240V	18	50	36
			380V	2.5	25	36
			400/415V	2.5	20	36
			550V	-	8	15
Rated service breaking capacity, kA Ics	%Icu		110-400V	50%	50%	50%
			415-550V	50%	50%	50%
Suitability for isolation			■	■	■	
Utilisation category			A	A	A	
Pollution degree			3	3	3	
Endurance, C-O cycles		Mechanical	8500	10000	4000	
		Electrical	1500	5000	1000	
Electrical characteristics as per NEMA-AB1						
Breaking capacity, kA	HIC	AC50/60Hz	240V	10	50	50
			277/480V	10	18	25
Protection						
Overload protection	Bimetal		fixed	fixed	fixed	
Instantaneous protection	Magnetic	Fixed, ±20%	fixed	10xIn	10xIn	
Auxiliaries						
Indication contacts	Auxiliary switch	AX	-	■	■	
	Alarm switch	AL	-	■	■	
	Combined AX+AL	AXAL	-	■	■	
Voltage releases	Shunt trip release	SHT	-	■	■	
	Undervoltage release	UVR	-	■	■	
Installation						
Connection	Crimp lugs/bars		■	■	■	
	Box lugs for bare cables		■	■	■	
	Rotary handles	Direct	-	■	■	
		Extended	-	■	■	
Accessories	Terminal extensions		-	■	■	
	Spreaders		-	■	■	
	Phase barriers		■	■	■	
	Terminal shields		-	■	■	
	Padlocking system		■	■	■	
	DIN rail adaptor		■	■	■	
Dimension and weight						
Dimension(mm)	DxHxW		60x130x75	60x165x105	103x257x140	
Weight(kg)			0.78	1.3	5	