



NB2 SERIES SMART MCB

Technical parameter

Product	NB2-40ZT	NB2-80ZT
Rated current (A)	6,10,16,20,25,32,40	6,10,16,20,25,32,40,50,63,80
Rated voltage (V)	AC230	AC 230(1P+N),AC400(3P+N)
Rated frequency (Hz)	50	50
Poles	1P	1P+N,3P+N
Thermo-magnetic release characteristic	C	C
Mechanical life	10000	10000
Electrical life	6000	6000
Rated breaking capacity (KA)	6	6
Rated insulation voltage (V)	690	690
Rated impulse withstand voltage (kV)	4	4(1P+N),6(3P+N)
Overvoltage and undervoltage protection (parameters can be set,and the factory default values are in the table)	overvoltage action threshold range 280V+5V overvoltage recovery threshold range 250V+5V overvoltage minimum no-drive time 3s undervoltage action threshold range 165V+5V undervoltage recovery threshold range 190V+5V undervoltage minimum non-driving time 3s overvoltage recovery time >= 10s	overvoltage action threshold range 280V+5 overvoltage recovery threshold range 250V+5V overvoltage minimum no-drive time 3s undervoltage action threshold range 165V+5V undervoltage recovery threshold range 190V+5V undervoltage minimum non-driving time 3s overvoltage recovery time >= 10s
Communication function	Communication protocols : MODBUS-RTU RS485: A,B/Bluetooth BLE5.0,Compatible with BLE4.0, BLE4.1,BLE4.2	Communication protocols : MODBUS-RTU RS485: A,B/Bluetooth BLE5.0,Compatible with BLE4.0, BLE4.1,BLE4.2
Product	NB2LE-40ZT	NB2LE-80ZT
Rated current (A)	6,10,16,20,25,32,40	6,10,16,20,25,32,40,50,63,80
Rated sensitivity I Δ n(A)	0.03	0.01,0.03,0.1
Type (wave form of the earth leakage sensed)	AC,A	AC,A
Rated voltage	AC230	AC230(1P+N),AC400(3P+N)
Rated frequency (Hz)	50	50
Poles	1P+N	1P+N,3P+N
Thermo-magnetic release characteristic	B,C	C
Mechanical life	10000	10000
Electrical life	4000	6000
Rated breaking capacity (KA)	6	6
Rated insulation voltage (V)	500	690
Rated impulse withstand voltage (kV)	4	6
Overvoltage and undervoltage protection (parameters can be set,and the factory default values are in the table)	overvoltage action threshold range 280V+5V overvoltage recovery threshold range 250V+5V overvoltage minimum no-drive time 2s undervoltage action threshold range 165V+5V undervoltage recovery threshold range 190V+5V undervoltage minimum non-driving time 3s overvoltage recovery time >= 10s	overvoltage action threshold range 280V+5V overvoltage recovery threshold range 250V+5V overvoltage minimum no-drive time 2s undervoltage action threshold range 165V+5V undervoltage recovery threshold range 190V+5V undervoltage minimum non-driving time 3s overvoltage recovery time >= 10s
Communication function	Communication protocols : MODBUS-RTU RS485:A)BGND	Communication protocols : MODBUS-RTU RS485: A,B/Bluetooth BLE5.0,Compatible with BLE4.0, BLE4.1,BLE4.2

NB2 IOT Application

1. Web system features

2.1 System Introduction

After users register in the system, they have their own exclusive accounts. The cockpit's large screen panoramic display of system data allows users to have a comprehensive overview. Project management and area management enable devices to be grouped and managed according to their actual distribution, making device search more efficient and management more precise. Real-time fault warning pushes, enabling real-time perception of device operation status and timely handling of abnormal situations, safeguarding safety and reducing business losses caused by faults. Remote or timed control of micro-breaks eliminates geographical and time constraints, providing freedom of operation. Scene settings provide more flexible and convenient business operations. Real-time reporting of electrical parameter information and online monitoring of device operation status. Log management records all user system behavior for convenient problem analysis and speedy issue resolution.

2.2 System Function

