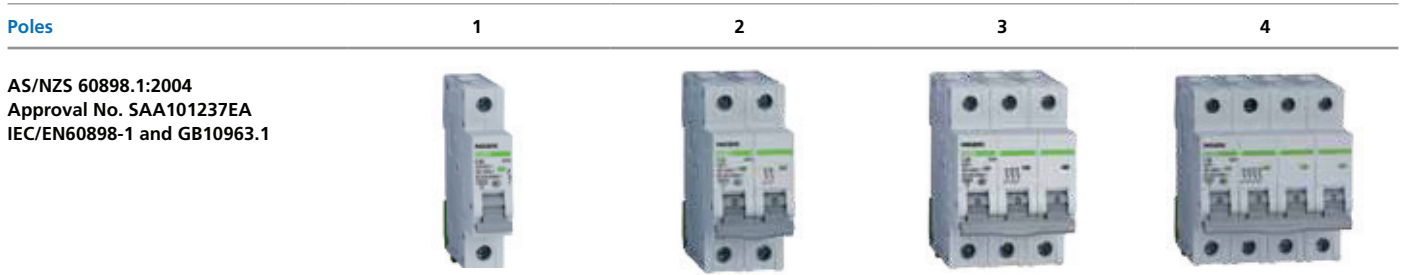


MCB Ex9B

Range and technical specifications.

For isolation and protection and control of general power distribution.



Electrical Specification

Functions	Short circuit protection, overload protection, isolation, control		
Rated frequency (Hz)	50/60		
Rated working voltage (V AC) Ue	230/400		
Rated current (A) In	1, 2, 3, 4, 6, 10, 16, 20, 25, 32, 40, 50, 63		
Rated insulated voltage (V) Ui	400		
Impulse withstand voltage (kV) Uimp	4		
Current limiting level	3		
Instantaneous tripping type	Ex9BN	B/C/D	
"	Ex9BH	C/D	
Rated short circuit	Ex9BN	6 kA	
"	Ex9BH	10 kA	
Release type	Thermal magnetic type		
Service Life - Mechanical	Actual Value	20000	
"	Standard Value	8500	
Service Life - Electrical	Actual Value	10000	
"	Standard Value	1500	

Connection and installation

Protection degree	IP20			
Lockable	OFF position			
Conductor size (mm ²)	≤ 32A 1~25mm ² ; ≥ 40A, 10-35mm ²			
Working temperature (C)	-30 to +70			
Resistance to humidity and heat	Class 2			
Altitude (m) above sea	≤2000m			
Relative humidity	≤95%			
Pollution degree	2			
Installation environment	Avoid obvious shock and vibration			
Installation class	Class III			
Mounting	DIN35 rail			
Dimensions (mm)	18	36	54	72
(WxHxL)		89	89	89
		72	74	74
Weight (kg)	0.12	0.24	0.36	0.48

Additional modules

Control and Indication.

Shunt release	See page 18,19
Undervoltage release	See page 18,19
Auxilliary contact	See page 18,19
Alarm contact	See page 18,19

MCB Ex9BN - C Curve : 6kA

For isolation and protection of circuits against overloads and short circuits.

Protection for circuits with mildly resistive and inductive loads or large amounts of switching.

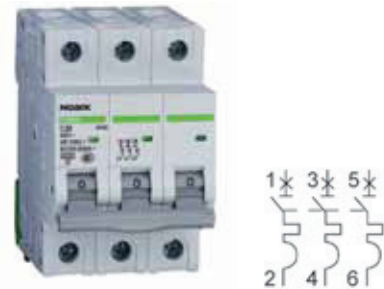
Part No.	Poles	Rated current (A)	Rated voltage (V AC)	Width (mm)	Pack qty	Type code
86283	1	1	230/400	18	12	Ex9BN 1P C 1A
86284	1	2	230/400	18	12	Ex9BN 1P C 2A
86285	1	3	230/400	18	12	Ex9BN 1P C 3A
86286	1	4	230/400	18	12	Ex9BN 1P C 4A
86287	1	6	230/400	18	12	Ex9BN 1P C 6A
86288	1	10	230/400	18	12	Ex9BN 1P C 10A
86289	1	16	230/400	18	12	Ex9BN 1P C 16A
86290	1	20	230/400	18	12	Ex9BN 1P C 20A
86291	1	25	230/400	18	12	Ex9BN 1P C 25A
86292	1	32	230/400	18	12	Ex9BN 1P C 32A
86293	1	40	230/400	18	12	Ex9BN 1P C 40A
86294	1	50	230/400	18	12	Ex9BN 1P C 50A
86295	1	63	230/400	18	12	Ex9BN 1P C 63A



86296	2	1	400	36	6	Ex9BN 2P C 1A
86297	2	2	400	36	6	Ex9BN 2P C 2A
86298	2	3	400	36	6	Ex9BN 2P C 3A
86299	2	4	400	36	6	Ex9BN 2P C 4A
86300	2	6	400	36	6	Ex9BN 2P C 6A
86301	2	10	400	36	6	Ex9BN 2P C 10A
86302	2	16	400	36	6	Ex9BN 2P C 16A
86303	2	20	400	36	6	Ex9BN 2P C 20A
86304	2	25	400	36	6	Ex9BN 2P C 25A
86305	2	32	400	36	6	Ex9BN 2P C 32A
86306	2	40	400	36	6	Ex9BN 2P C 40A
86307	2	50	400	36	6	Ex9BN 2P C 50A
86308	2	63	400	36	6	Ex9BN 2P C 63A



86309	3	1	400	54	4	Ex9BN 3P C 1A
86310	3	2	400	54	4	Ex9BN 3P C 2A
86311	3	3	400	54	4	Ex9BN 3P C 3A
86312	3	4	400	54	4	Ex9BN 3P C 4A
86313	3	6	400	54	4	Ex9BN 3P C 6A
86314	3	10	400	54	4	Ex9BN 3P C 10A
86315	3	16	400	54	4	Ex9BN 3P C 16A
86316	3	20	400	54	4	Ex9BN 3P C 20A
86317	3	25	400	54	4	Ex9BN 3P C 25A
86318	3	32	400	54	4	Ex9BN 3P C 32A
86319	3	40	400	54	4	Ex9BN 3P C 40A
86320	3	50	400	54	4	Ex9BN 3P C 50A
86321	3	63	400	54	4	Ex9BN 3P C 63A



86322	4	1	400	72	3	Ex9BN 4P C 1A
86323	4	2	400	72	3	Ex9BN 4P C 2A
86324	4	3	400	72	3	Ex9BN 4P C 3A
86325	4	4	400	72	3	Ex9BN 4P C 4A
86326	4	6	400	72	3	Ex9BN 4P C 6A
86327	4	10	400	72	3	Ex9BN 4P C 10A
86328	4	16	400	72	3	Ex9BN 4P C 16A
86329	4	20	400	72	3	Ex9BN 4P C 20A
86330	4	25	400	72	3	Ex9BN 4P C 25A
86331	4	32	400	72	3	Ex9BN 4P C 32A
86332	4	40	400	72	3	Ex9BN 4P C 40A
86333	4	50	400	72	3	Ex9BN 4P C 50A
86334	4	63	400	72	3	Ex9BN 4P C 63A

