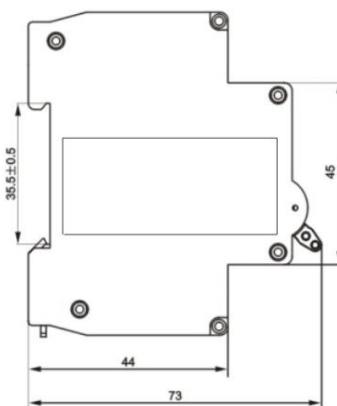
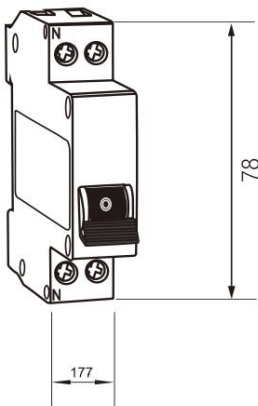


BAB9-32

Miniature Circuit Breaker (MCB)



Model	BAB9-32
Rated Current (In)	6, 10, 16, 20, 25, 32 A
Number of Poles	P+N (L+N)
Rated Voltage (Un)	AC 230(240) V
Rated Insulation Voltage (Ui)	500 V
Rated Impulse Withstand Voltage (Uimp)	4 kV
Rated Frequency	50(60) Hz
Rated Breaking Capacity (Icn)	3 kA
Tripping Curve	B, C
Magnetic Release	B curve: between 3 and 5 In C curve: between 5 and 10 In
Electrical Endurance	4,000
Mechanical Endurance	10,000
Terminal protection	IP20
Energy Limiting Class	3
Protection Degree	2
Ambient Temperature	-5 +40 °C
Storage Temperature	-25 +55 °C
Contact Position Indication	Yes
Operation Indication Mark	No
Connection Terminal	Screw Terminals (Top/Bottom)
Terminal Connection Type	Cable
Terminal Size Top/Bottom for Cable	1~10mm ²
Tightening Torque	1.2 Nm
Installation	DIN Rail 35mm EN 60715
Standards	IEC/EN 60898-1
Certificate	CE



BAB9-32 • MCB • 1P+N (L+N) • ~ 230 V • 3 kA • 1M

In (A)	Tripping Curve B	Tripping Curve C
6	DY02080007	
10	DY02080008	DY02080002
16	DY02080009	DY02080003
20	DY02080010	DY02080004
25	DY02080011	DY02080005
32	DY02080012	DY02080006

As per IEC60898	Thermal Tripping			Magnetic Tripping		
	No tripping current	Tripping current I_2	Time Limits t	Hold current I_4	Trip current I_5	Time Limits t
B Curve	$1.13 \times I_N$		$\geq 1h$	$3 \times I_N$		$\geq 0.1s$
		$1.45 \times I_N$	$< 1h$		$5 \times I_N$	$< 0.1s$
C Curve	$1.13 \times I_N$		$\geq 1h$	$5 \times I_N$		$\geq 0.1s$
		$1.45 \times I_N$	$< 1h$		$10 \times I_N$	$< 0.1s$
	$I_3 = 2.55 \times I_N$		$1s < t < 60s$ for $I_N < 32A$			